JBT
COMPONENTES ELETRÔNICOS



POWER INDUCTORS

INDUTORES

Model Selection MANUAL

YHCD SERIES SMD POWER INDUCTORS

YHCD 系列:贴片工字电感

Technical Characteristics/技术特性:

适合表面贴装 | 高电流 | 低DCR | 抗干扰能力强

Product Application/产品应用:

LED电源&照明、电源驱动、电源转换器、数码产品等



Product Size/产品尺寸:

常规封装:

YHCD31 \ YHCD32 \ YHCD42 \ YHCD43 \ YHCD52 \ YHCD53 \ YHCD54 \ YHCD73

YHCD75 \ YHCD104 \ YHCD105 \ YHCD106 \ YHCD108 ……

电量感:1uH-4.7mH

YHCD SERIES SMD POWER INDUCTORS

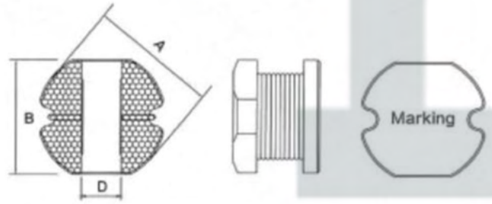
Type Name/型号:YHCD Series



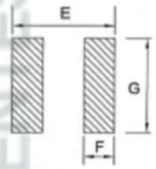
Construction/磁气构造图



Dimensions/外形尺寸图(Unit:mm)



Land Patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE NAME (型名)	A	B	C	D	E	F	G	QTY(MPQ) Pcs/reel 最小包装数(个/盘)
YHCD31	3.5±0.3	3.0±0.3	1.6±0.30	1.0REF	3.5REF	1.25REF	3.2REF	3000
YHCD32	3.5±0.3	3.0±0.3	2.1±0.30	1.0REF	3.5REF	1.25REF	3.2REF	3000
YHCD42	4.5±0.3	4.0±0.3	2.0±0.30	1.5REF	5.0REF	1.75REF	4.5REF	3000
YHCD43	4.5±0.3	4.0±0.3	3.2±0.30	1.5REF	5.0REF	1.75REF	4.5REF	2000
YHCD52	5.8±0.3	5.2±0.3	2.5±0.30	1.7REF	6.0REF	2.50REF	5.5REF	3000
YHCD53	5.8±0.3	5.2±0.3	3.0±0.30	1.7REF	6.0REF	2.50REF	5.5REF	2000
YHCD54	5.8±0.3	5.2±0.3	4.5±0.30	1.7REF	6.0REF	2.50REF	5.5REF	1500
YHCD73	7.8±0.3	7.0±0.3	3.5±0.30	2.1REF	8.0REF	3.00REF	7.5REF	1000
YHCD75	7.8±0.3	7.0±0.3	5.0±0.50	2.1REF	8.0REF	3.00REF	7.5REF	1000
YHCD76	7.8±0.3	7.0±0.3	6.2±0.50	2.1REF	8.0REF	3.00REF	7.5REF	1000
YHCD77	7.8±0.3	7.0±0.3	6.3±0.50	2.1REF	8.0REF	3.00REF	7.5REF	1000
YHCD104	10.0±0.4	9.0±0.4	4.0±0.40	2.9REF	10.0REF	3.75REF	9.5REF	1000
YHCD105	10.0±0.4	9.0±0.4	5.4±0.40	2.9REF	10.0REF	3.75REF	9.5REF	1000
YHCD106	10.0±0.4	9.0±0.4	6.5±0.40	2.9REF	10.0REF	3.75REF	9.5REF	500
YHCD108	10.0±0.4	9.0±0.4	8.0±0.40	2.9REF	10.0REF	3.75REF	9.5REF	500

YHCD
SERIES SMD POWER INDUCTORS

Product Identification/品名注释

(1) (2) (3) (4)

YHCD — 32 — 4R7 — MT

(1) YHCD/产品名称

(2) DIMENSION SYMBOL/尺寸表示:
32=3.5X2.1MM(WXH)

(3) INDUCTANCE VALUE/电感值: 4R7=4.7uH,100=10uH,101=100uH

(4) TOLERANCE/公差:
J=±5%，K=±10%，M=±20%，N=±30%

Specifications/规格

YHCD 31				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD31-1R0MT	1.0±20%	100KHZ/0.25V	0.048	1.50
YHCD31-1R5MT	1.5±20%	100KHZ/0.25V	0.060	1.45
YHCD31-2R2MT	2.2±20%	100KHZ/0.25V	0.085	1.30
YHCD31-3R3MT*	3.3±20%	100KHZ/0.25V	0.125	1.24
YHCD31-3R9MT*	3.9±20%	100KHZ/0.25V	0.140	1.14
YHCD31-4R7MT	4.7±20%	100KHZ/0.25V	0.180	0.90
YHCD31-5R6MT	5.6±20%	100KHZ/0.25V	0.185	0.85
YHCD31-6R8MT	6.8±20%	100KHZ/0.25V	0.210	0.82
YHCD31-8R2MT*	8.2±20%	100KHZ/0.25V	0.235	0.80
YHCD31-100MT*	10±20%	100KHZ/0.25V	0.305	0.70
YHCD31-120MT	12±20%	100KHZ/0.25V	0.370	0.65
YHCD31-150MT*	15±20%	100KHZ/0.25V	0.465	0.59
YHCD31-180MT	18±20%	100KHZ/0.25V	0.515	0.54
YHCD31-220KT*	22±10%	100KHZ/0.25V	0.655	0.48
YHCD31-270KT*	27±10%	100KHZ/0.25V	0.770	0.43
YHCD31-330KT	33±10%	100KHZ/0.25V	1.020	0.37
YHCD31-390KT	39±10%	100KHZ/0.25V	1.120	0.32
YHCD31-470KT	47±10%	100KHZ/0.25V	1.500	0.26
YHCD31-560KT*	56±10%	100KHZ/0.25V	1.670	0.24
YHCD31-680KT*	68±10%	100KHZ/0.25V	1.910	0.23
YHCD31-820KT	82±10%	100KHZ/0.25V	2.640	0.21
YHCD31-101KT*	100±10%	100KHZ/0.25V	2.870	0.19
YHCD31-121KT	120±10%	100KHZ/0.25V	4.080	0.17
YHCD31-151KT*	150±10%	100KHZ/0.25V	4.740	0.14
YHCD31-181KT*	180±10%	100KHZ/0.25V	5.690	0.12

* The saturation current when the inductance decreases to 90%of initial value.(Ta=25°C)

Specifications/规格

YHCD 32				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD32-1R0MT	1.0±20%	100KHZ/0.25V	0.050	3.30
YHCD32-1R5MT	1.5±20%	100KHZ/0.25V	0.065	3.00
YHCD32-2R2MT	2.2±20%	100KHZ/0.25V	0.085	2.00
YHCD32-3R3MT*	3.3±20%	100KHZ/0.25V	0.110	1.70
YHCD32-4R7MT	4.7±20%	100KHZ/0.25V	0.155	1.41
YHCD32-5R6MT	5.6±20%	100KHZ/0.25V	0.155	1.36
YHCD32-6R8MT	6.8±20%	100KHZ/0.25V	0.196	1.22
YHCD32-8R2MT*	8.2±20%	100KHZ/0.25V	0.230	1.10
YHCD32-100MT*	10±20%	100KHZ/0.25V	0.300	0.74
YHCD32-120MT	12±20%	100KHZ0.25V	0.320	0.72
YHCD32-150MT*	15±20%	100KHZ/0.25V	0.395	0.70
YHCD32-180MT	18±20%	100KHZ/0.25V	0.520	0.66
YHCD32-220KT*	22±20%	100KHZ/0.25V	0.650	0.50
YHCD32-270KT*	27±20%	100KHZ/0.25V	0.760	0.60
YHCD32-330KT	33±10%	100KHZ/0.25V	1.000	0.45
YHCD32-390KT	39±10%	100KHZ/0.25V	1.100	0.51
YHCD32-470KT	47±10%	100KHZ/0.25V	1.500	0.33
YHCD32-560KT*	56±10%	100KHZ/0.25V	1.800	0.48
YHCD32-680KT*	68±10%	100KHZ/0.25V	1.820	0.38
YHCD32-820KT	82±10%	100KHZ/0.25V	2.440	0.34
YHCD32-101KT*	100±10%	100KHZ/0.25V	2.900	0.23
YHCD32-121KT	120±10%	100KHZ/0.25V	3.190	0.22
YHCD32-151KT*	150±10%	100KHZ/0.25V	4.200	0.21
YHCD32-181KT*	180±10%	100KHZ/0.25V	6.000	0.20
YHCD32-221KT	220±10%	100KHZ/0.25V	6.800	0.15
YHCD32-271KT*	270±10%	100KHZ/0.25V	8.200	0.12
YHCD32-331KT	330±10%	100KHZ/0.25V	10.500	0.20

Specifications/规格

YHCD 42				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD42-1R0NT	1.0±30%	100KHZ/0.25V	0.030	1.90
YHCD42-2R2MT	2.2±20%	100KHZ/0.25V	0.070	2.50
YHCD42-2R7MT	2.7±20%	100KHZ/0.25V	0.078	2.20
YHCD42-3R3MT	3.3±20%	100KHZ/0.25V	0.090	1.20
YHCD42-4R7MT	4.7±20%	100KHZ/0.25V	0.100	0.90
YHCD42-6R8MT	6.8±20%	100KHZ/0.25V	0.170	1.40
YHCD42-8R2MT	8.2±20%	100KHZ/0.25V	0.200	1.20
YHCD42-100MT	10±20%	100KHZ/0.25V	0.210	1.00
YHCD42-220MT	22±20%	100KHZ/0.25V	0.520	0.70
YHCD42-270MT	27±20%	100KHZ/0.25V	0.470	0.55
YHCD42-330MT	33±20%	100KHZ/0.25V	0.570	0.30
YHCD42-390KT*	39±10%	100KHZ/0.25V	0.700	0.50
YHCD42-470KT	47±10%	100KHZ/0.25V	0.618	0.21
YHCD42-560KT*	56±10%	100KHZ/0.25V	0.900	0.45
YHCD42-101KT*	100±10%	100KHZ/0.25V	1.500	0.12
YHCD42-151KT*	150±10%	100KHZ/0.25V	2.300	0.11
YHCD42-181KT	180±10%	100KHZ/0.25V	2.100	0.20
YHCD42-221KT	220±10%	100KHZ/0.25V	3.200	0.105
YHCD42-331KT	330±10%	100KHZ/0.25V	5.500	0.10

Specifications/规格

YHCD 43				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD43-1R0MT	1.0±20%	100KHZ/0.25V	0.020	3.40
YHCD43-1R5MT	1.5±20%	100KHZ/0.25V	0.056	2.50
YHCD43-1R8MT	1.8±20%	100KHZ/0.25V	0.063	2.33
YHCD43-2R2MT	2.2±20%	100KHZ/0.25V	0.039	2.00
YHCD43-2R7MT	2.7±20%	100KHZ/0.25V	0.078	2.16
YHCD43-3R3MT	3.3±20%	100KHZ/0.25V	0.086	2.00
YHCD43-3R9MT	3.9±20%	100KHZ/0.25V	0.093	1.85
YHCD43-4R7MT	4.7±20%	100KHZ/0.25V	0.065	1.65
YHCD43-5R6MT	5.6±20%	100KHZ/0.25V	0.090	2.30
YHCD43-6R8MT*	6.8±20%	100KHZ/0.25V	0.130	1.43
YHCD43-8R2MT	8.2±20%	100KHZ/0.25V	0.145	1.37
YHCD43-100MT	10±20%	100KHZ/0.25V	0.180	1.00
YHCD43-120MT*	12±20%	100KHZ/0.25V	0.210	0.97
YHCD43-150MT*	15±20%	100KHZ/0.25V	0.235	0.85
YHCD43-180MT	18±20%	100KHZ/0.25V	0.335	0.74
YHCD43-220KT	22±10%	100KHZ/0.25V	0.280	0.70
YHCD43-270KT*	27±10%	100KHZ/0.25V	0.520	0.62
YHCD43-330KT	33±10%	100KHZ/0.25V	0.540	0.56
YHCD43-390KT	39±10%	100KHZ/0.25V	0.585	0.52
YHCD43-470KT	47±10%	100KHZ/0.25V	0.845	0.44
YHCD43-560KT*	56±10%	100KHZ/0.25V	0.935	0.42
YHCD43-680KT	68±10%	100KHZ/0.25V	1.100	0.41
YHCD43-820KT*	82±10%	100KHZ/0.25V	1.180	0.33
YHCD43-101KT	100±10%	100KHZ/0.25V	1.400	0.30
YHCD43-121KT*	120±10%	100KHZ/0.25V	1.400	0.26
YHCD43-151KT	150±10%	100KHZ/0.25V	2.300	0.35
YHCD43-181KT	180±10%	100KHZ/0.25V	2.400	0.40
YHCD43-221KT	220±10%	100KHZ/0.25V	3.000	0.35
YHCD43-271KT*	270±10%	100KHZ/0.25V	3.170	0.16
YHCD43-331KT	330±10%	100KHZ/0.25V	4.800	0.27

Specifications/规格

YHCD 52				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD52-1R1MT	1.1±20%	100KHZ/0.25V	0.030	2.50
YHCD52-1R5MT	1.5±20%	100KHZ/0.25V	0.040	2.16
YHCD52-2R2MT	2.2±20%	100KHZ/0.25V	0.070	2.00
YHCD52-3R3MT*	3.3±20%	100KHZ/0.25V	0.080	1.60
YHCD52-4R7MT*	4.7±20%	100KHZ/0.25V	0.093	1.30
YHCD52-5R6MT	5.6±20%	100KHZ/0.25V	0.115	1.10
YHCD52-6R8MT*	6.8±20%	100KHZ/0.25V	0.120	1.00
YHCD52-8R2MT*	8.2±20%	100KHZ/0.25V	0.128	0.95
YHCD52-100MT	10±20%	100KHZ/0.25V	0.130	1.40
YHCD52-120MT	12±20%	100KHZ/0.25V	0.185	0.86
YHCD52-150MT*	15±20%	100KHZ/0.25V	0.330	0.72
YHCD52-180MT*	18±20%	100KHZ/0.25V	0.360	0.68
YHCD52-220KT	22±10%	100KHZ/0.25V	0.400	0.60
YHCD52-270KT	27±10%	100KHZ/0.25V	0.480	0.56
YHCD52-330KT*	33±10%	100KHZ/0.25V	0.540	0.50
YHCD52-390KT*	39±10%	100KHZ/0.25V	0.610	0.46
YHCD52-470KT	47±10%	100KHZ/0.25V	0.620	0.95
YHCD52-560KT*	56±10%	100KHZ/0.25V	0.850	0.39
YHCD52-680KT*	68±10%	100KHZ/0.25V	1.180	0.37
YHCD52-820KT*	82±10%	100KHZ/0.25V	1.200	0.35
YHCD52-101KT	100±10%	100KHZ/0.25V	1.800	0.27
YHCD52-121KT	120±10%	100KHZ/0.25V	1.250	0.25
YHCD52-151KT	150±10%	100KHZ/0.25V	2.750	0.23
YHCD52-181KT	180±10%	100KHZ/0.25V	2.900	0.22
YHCD52-221KT*	220±10%	100KHZ/0.25V	3.200	0.20
YHCD52-271KT	270±10%	100KHZ/0.25V	3.600	0.19
YHCD52-391KT	390±10%	100KHZ/0.25V	3.850	0.16
YHCD52-471KT	470±10%	100KHZ/0.25V	4.100	0.15

Specifications/规格

YHCD 53				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD53-1R5MT	1.5±20%	100KHZ/0.25V	0.025	4.00
YHCD53-2R2MT	2.2±20%	100KHZ/0.25V	0.035	3.50
YHCD53-3R3MT	3.3±20%	100KHZ/0.25V	0.055	2.80
YHCD53-3R9MT	3.9±20%	100KHZ/0.25V	0.064	2.60
YHCD53-4R7MT	4.7±20%	100KHZ/0.25V	0.070	2.50
YHCD53-5R6MT*	5.6±20%	100KHZ/0.25V	0.084	2.40
YHCD53-6R8MT*	6.8±20%	100KHZ/0.25V	0.090	2.20
YHCD53-8R2MT*	8.2±20%	100KHZ/0.25V	0.100	2.00
YHCD53-100MT	10±20%	100KHZ/0.25V	0.150	1.80
YHCD53-120MT*	12±20%	100KHZ/0.25V	0.130	1.75
YHCD53-150MT	15±20%	100KHZ/0.25V	0.170	1.70
YHCD53-180MT*	18±20%	100KHZ/0.25V	0.180	1.60
YHCD53-220KT	22±10%	100KHZ/0.25V	0.240	1.50
YHCD53-270KT*	27±10%	100KHZ/0.25V	0.240	1.40
YHCD53-330KT	33±10%	100KHZ/0.25V	0.350	1.10
YHCD53-390KT*	39±10%	100KHZ/025V	0.400	1.00
YHCD53-470KT	47±10%	100KHZ/0.25V	0.600	1.00
YHCD53-560KT*	56±10%	100KHZ/0.25V	0.500	0.85
YHCD53-680KT	68±10%	100KHZ/0.25V	0.680	0.80
YHCD53-820KT	82±10%	100KHZ/0.25V	0.900	0.65
YHCD53-101KT	100±10%	100KHZ/0.25V	1.000	0.50
YHCD53-121KT*	120±10%	100KHZ/0.25V	1.000	0.55
YHCD53-151KT	150±10%	100KHZ/0.25V	1.500	0.50
YHCD53-181KT*	180±10%	100KHZ/0.25V	1.500	0.40
YHCD53-221KT	220±10%	100KHZ/0.25V	2.150	0.50
YHCD53-271KT*	270±10%	100KHZ/0.25V	2.500	0.35
YHCD53-331KT*	330±10%	100KHZ/0.25V	3.200	0.28
YHCD53-391KT*	390±10%	100KHZ/0.25V	3.500	0.26
YHCD53-471KT	470±10%	100KHZ/0.25V	4.800	0.35
YHCD53-561KT*	560±10%	100KHZ/0.25V	4.500	0.19
YHCD53-681KT*	680±10%	100KH2/0.25V	6.000	0.18
YHCD53-821KT*	820±10%	100KHZ/0.25V	6.500	0.15
YHCD53-102KT*	1000±10%	100KHZ/0.25V	8.000	0.13

YHCD
SERIES SMD POWER INDUCTORS

Specifications/规格

YHCD 54				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD54-R47MT*	0.47±20%	100KHZ/0.25V	0.012	5.40
YHCD54-1R0MT	1.0±20%	100KHZ/0.25V	0.017	5.00
YHCD54-1R5MT	1.5±20%	100KHZ/0.25V	0.018	5.00
YHCD54-2R2MT	2.2±20%	100KHZ/0.25V	0.027	4.50
YHCD54-2R7MT	2.7±20%	100KHZ/0.25V	0.030	3.50
YHCD54-3R3MT	3.3±20%	100KHZ/0.25V	0.040	3.00
YHCD54-4R7MT	4.7±20%	100KHZ/0.25V	0.040	2.50
YHCD54-5R6MT*	5.6±20%	100KHZ/0.25V	0.060	2.50
YHCD54-6R8MT	6.8±20%	100KHZ/0.25V	0.090	2.50
YHCD54-100MT	10±20%	100KHZ/0.25V	0.100	2.00
YHCD54-120MT*	12±20%	100KHZ/0.25V	0.120	1.40
YHCD54-150MT	15±20%	100KHZ/0.25V	0.140	1.30
YHCD54-180MT*	18±20%	100KHZ/0.25V	0.150	1.23
YHCD54-220KT	22±10%	100KHZ/0.25V	0.180	1.11
YHCD54-270KT*	27±10%	100KHZ/0.25V	0.200	0.97
YHCD54-330KT	33±10%	100KHZ/0.25V	0.230	0.88
YHCD54-390KT*	39±10%	100KHZ/0.25V	0.320	0.80
YHCD54-470KT	47±10%	100KHZ/0.25V	0.370	0.72
YHCD54-560KT	56±10%	100KHZ/0.25V	0.450	0.70
YHCD54-680KT	68±10%	100KHZ/0.25V	0.460	0.61
YHCD54-820KT	82±10%	100KHZ/0.25V	0.600	0.60
YHCD54-101KT	100±10%	100KHZ/0,25V	0.700	0.52
YHCD54-121KT*	120±10%	100KHZ/0.25V	0.930	0.48
YHCD54-151KT*	150±10%	100KHZ/0.25V	1.100	0.40
YHCD54-181KT	180±10%	100KHZ/0.25V	1.200	0.45
YHCD54-221KT	220±10%	100KHZ/0.25V	1.570	0.35
YHCD54-271KT*	270±10%	100KHZ/0.25V	1.650	0.32
YHCD54-331KT	330±10%	100KHZ/0.25V	2.500	0.42
YHCD54-391KT*	390±10%	100KHZ/0.25V	2.300	0.27
YHCD54-471KT	470±10%	100KHZ/0.25V	3.200	0.25
YHCD54-561KT*	560±10%	100KHZ/0.25V	2.870	0.20
YHCD54-681KT	680±10%	100KHZ/0.25V	4.000	0.30
YHCD54-821KT	820±10%	100KHZ/0.25V	5.800	0.29
YHCD54-102KT	1000±10%	100KHZ/0.25V	7.500	0.20
YHCD54-122KT	1200±10%	100KHZ/0.25V	7.400	0.21
YHCD54-152KT	1500±10%	100KHZ/0.25V	9.000	0.17
YHCD54-182KT	1800±10%	100KHZ/0.25V	10.80	0.11
YHCD54-202KT	2000±10%	100KHZ/0.25V	14.00	0.10
YHCD54-222KT	2200±10%	100KHZ/0.25V	14.00	0.11
YHCD54-252KT	2500±10%	100KHZ/0.25V	14.00	0.18
YHCD54-302KT	3000±10%	100KHZ/0.25V	20.20	0.12
YHCD54-472KT	4700±10%	100KHZ/0.25V	37.00	0.13
YHCD54-502KT	5000±10%	100KHZ/0.25V	42.00	0.09

Specifications/规格

YHCD 73				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD73-1R0MT	1.0±20%	100KHZ/0.25V	0.012	6.00
YHCD73-2R2MT	2.2±20%	100KHZ/0.25V	0.022	3.20
YHCD73-3R3MT	3.3±20%	100KHZ/0.25V	0.035	3.60
YHCD73-4R7MT	4.7±20%	100KHZ/0.25V	0.048	3.10
YHCD73-5R6MT*	5.6±20%	100KHZ/0.25V	0.052	2.50
YHCD73-6R8MT*	6.8±20%	100KHZ/0.25V	0.055	2.20
YHCD73-100MT	10±20%	100KHZ/0.25V	0.080	1.50
YHCD73-120MT*	12±20%	100KHZ/0.25V	0.090	1.80
YHCD73-150MT*	15±20%	100KHZ/0.25V	0.104	1.70
YHCD73-180MT*	18±20%	100KHZ/0.25V	0.110	1.40
YHCD73-220KT*	22±10%	100KHZ/0.25V	0.156	1.35
YHCD73-270KT*	27±10%	100KHZ/0.25V	0.153	0.95
YHCD73-330KT*	33±10%	100KHZ/0.25V	0.170	0.85
YHCD73-390KT*	39±10%	100KHZ/0.25V	0.217	0.75
YHCD73-470KT*	47±10%	100KHZ/0.25V	0.250	0.68
YHCD73-560KT*	56±10%	100KHZ/0.25V	0.280	0.65
YHCD73-680KT*	68±10%	100KHZ/0.25V	0.330	0.60
YHCD73-820KT*	82±10%	100KHZ/0.25V	0.405	0.55
YHCD73-101KT*	100±10%	100KHZ/0.25V	0.480	0.51
YHCD73-121KT*	120±10%	100KHZ/0.25V	0.535	0.49
YHCD73-151KT*	150±10%	100KHZ/0.25V	0.755	0.40
YHCD73-181KT*	180±10%	100KHZ/0.25V	1.020	0.36
YHCD73-221KT*	220±10%	100KHZ/0.25V	1.200	0.31
YHCD73-271KT*	270±10%	100KHZ/0.25V	1.300	0.29
YHCD73-331KT*	330±10%	100KHZ/0.25V	1.500	0.28
YHCD73-391KT*	390±10%	100KHZ/0.25V	1.800	0.26
YHCD73-471KT*	470±10%	100KHZ/0.25V	2.200	0.24
YHCD73-561KT*	560±10%	100KHZ/0.25V	2.400	0.23
YHCD73-681KT*	680±10%	100KHZ/0.25V	2.700	0.15
YHCD73-821KT*	820±10%	100KHZ/0.25V	3.200	0.12
YHCD73-102KT*	1000±10%	100KHZ/0.25V	3.800	0.09

Specifications/规格

YHCD 75				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD75-1R0MT	1.0±20%	100KHZ/0.25V	0.020	7.00
YHCD75-2R2MT	2.2±20%	100KHZ/0.25V	0.026	5.00
YHCD75-3R3MT	3.3±20%	100KHZ/0.25V	0.028	3.80
YHCD75-4R7MT	4.7±20%	100KHZ/0.25V	0.045	4.00
YHCD75-5R6MT	5.6±20%	100KHZ/0.25V	0.050	3.80
YHCD75-6R8MT	6.8±20%	100KHZ/0.25V	0.029	2.85
YHCD75-8R2MT	8.2±20%	100KHZ/0.25V	0.060	2.80
YHCD75-100MT	10±20%	100KHZ/0.25V	0.070	2.30
YHCD75-120MT	12±20%	100KHZ/0.25V	0.080	2.00
YHCD75-150MT	15±20%	100KHZ/0.25V	0.090	1.80
YHCD75-180MT	18±20%	100KHZ/0.25V	0.100	1.60
YHCD75-220KT	22±10%	100KHZ/0.25V	0.110	1.50
YHCD75-270KT*	27±10%	100KHZ/0.25V	0.120	1.30
YHCD75-330KT	33±10%	100KHZ/0.25V	0.130	1.40
YHCD75-390KT*	39±10%	100KHZ/0.25V	0.160	1.10
YHCD75-470KT	47±10%	100KHZ/0.25V	0.190	0.96
YHCD75-560KT*	56±10%	100KHZ/0.25V	0.240	0.94
YHCD75-680KT	68±10%	100KHZ/0.25V	0.280	0.90
YHCD75-820KT	82±10%	100KHZ/0.25V	0.370	0.80
YHCD75-101KT	100±10%	100KHZ/0.25V	0.430	0.80
YHCD75-121KT*	120±10%	100KHZ/0.25V	0.470	0.66
YHCD75-151KT*	150±10%	100KHZ/0.25V	0.640	0.58
YHCD75-181KT*	180±10%	100KHZ/0.25V	0.710	0.51
YHCD75-221KT	220±10%	100KHZ/0.25V	0.960	0.49
YHCD75-271KT*	270±10%	100KHZ/0.25V	1.110	0.42
YHCD75-331KT	330±10%	100KHZ/0.25V	1.260	0.40
YHCD75-391KT*	390±10%	100KHZ/0.25V	1.770	0.36
YHCD75-471KT	470±10%	100KHZ/0.25V	1.500	0.34
YHCD75-561KT	560±10%	100KHZ/0.25V	1.900	0.34
YHCD75-681KT*	680±10%	100KHZ/0.25V	2.180	0.27
YHCD75-821KT*	820±10%	100KHZ/0.25V	2.150	0.25
YHCD75-102KT	1000±10%	100KHZ/0.25V	3.800	0.25
YHCD75-152KT	1500±10%	100KHZ/0.25V	7.000	0.36
YHCD75-182KT	1800±10%	100KHZ/0.25V	7.500	0.32
YHCD75-202KT	2000±10%	100KHZ/0.25V	6.700	0.20
YHCD75-222KT	2200±10%	100KHZ/0.25V	8.000	0.20
YHCD75-252KT	2500±10%	100KHZ/0.25V	11.50	0.27
YHCD75-272KT	2700±10%	100KHZ/0.25V	15.60	0.28
YHCD75-302KT	3000±10%	100KHZ/0.25V	9.700	0.18
YHCD75-332KT	3300±10%	100KHZ/0.25V	18.20	0.27
YHCD75-352KT	3500±10%	100KHZ/0.25V	11.90	0.16
YHCD75-382KT	3800±10%	100KHZ/0.25V	16.00	0.20
YHCD75-402KT	4000±10%	100KHZ/0.25V	17.00	0.20
YHCD75-412KT	4100±10%	100KHZ/0.25V	17.50	0.19
YHCD75-472KT	4700±10%	100KHZ/0.25V	18.50	0.19
YHCD75-682KT	6800±10%	100KHZ/0.25V	28.00	0.13
YHCD75-802KT	8000±10%	100KHZ/0.25V	28.00	0.12

Specifications/规格

YHCD 76				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD76-470KT	47±10%	100KHZ/0.25V	0.185	2.20
YHCD76-102KT	1000±10%	100KHZ/0.25V	3.900	0.45
YHCD76-152KT	1500±10%	100KHZ/0.25V	5.800	0.42
YHCD76-182KT	1800±10%	100KHZ/0.25V	6.800	0.39
YHCD76-202KT	2000±10%	100KHZ/0.25V	9.600	0.39
YHCD76-302KT	3000±10%	100KHZ/0.25V	12.00	0.25
YHCD76-452KT	4500±10%	100KHZ/0.25V	15.70	0.28
YHCD76-502KT	5000±10%	100KHZ/0.25V	20.00	0.23

YHCD 77				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD77-330MT	33±20%	100KHZ/0.25V	0.140	3.00
YHCD77-470KT	47±10%	100KHZ/0.25V	0.178	2.50
YHCD77-101KT	100±10%	100KHZ/0.25V	0.360	1.40
YHCD77-221KT	220±10%	100KHZ/0.25V	0.800	1.10
YHCD77-271KT	270±10%	100KHZ/0.25V	1.000	1.20
YHCD77-471KT	470±10%	100KHZ/0.25V	1.600	0.90
YHCD77-701KT	700±10%	100KHZ/0.25V	3.200	0.70
YHCD77-102KT	1000±10%	100KHZ/0.25V	3.550	0.58
YHCD77-152KT	1500±10%	100KHZ/0.25V	5.000	0.47
YHCD77-182KT	1800±10%	100KHZ/0.25V	6.200	0.45
YHCD77-202KT	2000±10%	100KHZ/0.25V	7.370	0.43
YHCD77-222KT	2200±10%	100KHZ/0.25V	7.800	0.38
YHCD77-252KT	2500±10%	100KHZ/0.25V	8.250	0.38
YHCD77-282KT	2800±10%	100KHZ/0.25V	11.50	0.34
YHCD77-302KT	3000±10%	100KHZ/0.25V	12.50	0.34
YHCD77-362KT	3600±10%	100KHZ/0.25V	16.90	0.31

Specifications/规格

YHCD 104				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD104-4R7MT*	4.7±20%	100KHZ/0.25V	0.020	2.68
YHCD104-6R8MT*	6.8±20%	100KHZ/0.25V	0.030	2.53
YHCD104-8R2MT*	8.2±20%	100KHZ/0.25V	0.040	2.45
YHCD104-100MT*	10±20%	100KHZ/0.25V	0.053	2.40
YHCD104-120MT*	12±20%	100KHZ/0.25V	0.061	2.15
YHCD104-180MT*	18±20%	100KHZ/0.25V	0.081	1.75
YHCD104-202KT	2000±10%	100KHZ/0.25V	6.500	0.19
YHCD104-222KT	2200±10%	100KHZ/0.25V	6.500	0.19
YHCD104-330KT*	33±10%	100KHZ/0.25V	0.120	1.26
YHCD104-390KT*	39±10%	100KHZ/0.25V	0.150	1.20
YHCD104-470KT*	47±10%	100KHZ/0.25V	0.170	1.10
YHCD104-560KT*	56±10%	100KHZ/0.25V	0.200	1.00
YHCD104-680KT*	68±10%	100KHZ/0.25V	0.222	0.92
YHCD104-820KT*	82±10%	100KHZ/0.25V	0.250	0.85
YHCD104-101KT*	100±10%	100KHZ/0.25V	0.345	0.75
YHCD104-121KT*	120±10%	100KHZ/0.25V	0.400	0.70
YHCD104-151KT	150±10%	100KHZ/0.25V	0.540	0.62
YHCD104-181KT*	180±10%	100KHZ/0.25V	0.620	0.56
YHCD104-221KT*	220±10%	100KHZ/0.25V	0.720	0.53
YHCD104-271KT*	270±10%	100KHZ/0.25V	0.950	0.45
YHCD104-331KT*	330±10%	100KHZ/0.25V	1.100	0.42
YHCD104-391KT*	390±10%	100KHZ/0.25V	1.250	0.38
YHCD104-471KT*	470±10%	100KHZ/0.25V	1.520	0.35
YHCD104-561KT*	560±10%	100KHZ/0.25V	1.900	0.32
YHCD104-681KT*	680±10%	100KHZ/0.25V	2.200	0.31
YHCD104-821KT*	820±10%	100KHZ/0.25V	2.700	0.30
YHCD104-102KT*	1000±10%	100KHZ/0.25V	2.680	0.29

Specifications/规格

YHCD 105				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD105-2R2MT*	2.2±20%	100KHZ/0.25V	0.010	7.20
YHCD105-3R3MT	3.3±20%	100KHZ/0.25V	0.050	6.50
YHCD105-4R7MT	4.7±20%	100KHZ/0.25V	0.038	5.50
YHCD105-6R8MT	6.8±20%	100KHZ/0.25V	0.050	3.20
YHCD105-8R2MT	8.2±20%	100KHZ/0.25V	0.070	2.70
YHCD105-100MT	10±20%	100KHZ/0.25V	0.060	2.60
YHCD105-120MT	12±20%	100KHZ/0.25V	0.070	2.50
YHCD105-150MT*	15±20%	100KHZ/0.25V	0.080	2.27
YHCD105-180MT*	18±20%	100KHZ/0.25V	0.090	2.15
YHCD105-220KT	22±10%	100KHZ/0.25V	0.100	1.95
YHCD105-270KT*	27±10%	100KHZ/0.25V	0.110	1.76
YHCD105-330KT	33±10%	100KHZ/0.25V	0.120	1.50
YHCD105-390KT*	39±10%	100KHZ/0.25V	0.140	1.37
YHCD105-470KT	47±10%	100KHZ/0.25V	0.155	2.25
YHCD105-560KT*	56±10%	100KHZ/0.25V	0.190	1.17
YHCD105-680KT	68±10%	100KHZ/0.25V	0220	1.70
YHCD105-820KT*	82±10%	100KHZ/0.25V	0.250	1.00
YHCD105-101KT	100±10%	100KHZ/0.25V	0.280	1.30
YHCD105-121KT*	120±10%	100KHZ/0.25V	0.400	0.89
YHCD105-151KT	150±10%	100KHZ/0.25V	0.540	0.55
YHCD105-181KT	180±10%	100KHZ/0.25V	0.530	0.80
YHCD105-221KT	220±10%	100KHZ/0.25V	0.730	0.66
YHCD105-271KT*	270±10%	100KHZ/0.25V	0.970	0.57
YHCD105-331KT	330±10%	100KHZ/0.25V	0.830	0.65
YHCD105-391KT	390±10%	100KHZ/0.25V	1.200	0.55
YHCD105-471KT	470±10%	100KHZ/0.25V	1.350	0.50
YHCD105-561KT	560±10%	100KHZ/0.25V	1.300	0.62
YHCD105-681KT	680±10%	100KHZ/0.25V	1.800	0.52
YHCD105-821KT	820±10%	100KHZ/0.25V	1.900	0.48
YHCD105-102KT	1000±10%	100KHZ/0.25V	2.500	0.45
YHCD105-152KT	1500±10%	100KHZ/0.25V	4.000	0.37
YHCD105-202KT	2000±10%	100KHZ/0.25V	7.000	0.22
YHCD105-222KT	2200±10%	100KHZ/0.25V	7.000	0.22
YHCD105-302KT	3000±10%	100KHZ/0.25V	8.300	0.21

Specifications/规格

YHCD 106				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD106-1R8MT	1.8±20%	100KHZ/0.25V	0.012	7.80
YHCD106-2R5MT*	2.5±20%	100KHZ/0.25V	0.014	7.35
YHCD106-3R3MT*	3.3±20%	100KHZ/0.25V	0.017	6.80
YHCD106-4R2MT*	4.2±20%	100KHZ/0.25V	0.019	6.20
YHCD106-5R1MT*	5.1±20%	100KHZ/0.25V	0.022	5.30
YHCD106-6R3MT*	6.3±20%	100KHZ/0.25V	0.023	4.90
YHCD106-7R5MT*	7.5±20%	100KHZ/0.25V	0.025	4.85
YHCD106-8R6MT*	8.6±20%	100KHZ/0.25V	0.030	4.60
YHCD106-100MT*	10±20%	100KHZ/0.25V	0.050	3.10
YHCD106-120MT*	12±20%	100KHZ/0.25V	0.060	2.70
YHCD106-150MT*	15±20%	100KHZ/0.25V	0.070	2.50
YHCD106-180MT*	18±20%	100KHZ/0.25V	0.080	2.37
YHCD106-220KT*	22±10%	100KHZ/0.25V	0.090	2.15
YHCD106-270KT*	27±10%	100KHZ/0.25V	0.100	1.94
YHCD106-330KT*	33±10%	100KHZ/0.25V	0.110	1.65
YHCD106-390KT*	39±10%	100KHZ/0.25V	0.130	1.51
YHCD106-470KT	47±10%	100KHZ/0.25V	0.120	2.60
YHCD106-560KT*	56±10%	100KHZ/0.25V	0.170	1.29
YHCD106-680KT*	68±10%	100KHZ/0.25V	0.220	1.22
YHCD106-820KT*	82±10%	100KHZ/0.25V	0.230	1.10
YHCD106-101KT*	100±10%	100KHZ/0.25V	0.320	1.07
YHCD106-121KT*	120±10%	100KHZ/0.25V	0.360	0.98
YHCD106-151KT*	150±10%	100KHZ/0.25V	0.420	0.86
YHCD106-181KT*	180±10%	100KHZ/0.25V	0.570	0.79
YHCD106-221KT*	220±10%	100KHZ/0.25V	0.660	0.73
YHCD106-271KT*	270±10%	100KHZ/0.25V	0.870	0.63
YHCD106-331KT*	330±10%	100KHZ/0.25V	1.040	0.57
YHCD106-391KT*	390±10%	100KHZ/0.25V	1.170	0.53
YHCD106-471KT*	470±10%	100KHZ/0.25V	1.330	0.46
YHCD106-561KT*	560±10%	100KHZ/0.25V	1.710	0.36
YHCD106-681KT*	680±10%	100KHZ/0.25V	2.030	0.31
YHCD106-821KT*	820±10%	100KHZ/0.25V	2.300	0.26
YHCD106-102KT*	1000±10%	100KHZ/0.25V	2.700	0.24

Specifications/规格

YHCD 108				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHCD108-1R0MT*	1.0±20%	100KHZ/0.25V	0.008	10.0
YHCD108-1R5MT*	1.5±20%	100KHZ/0.25V	0.105	9.0
YHCD108-2R2MT*	2.2±20%	100KHZ/0.25V	0.012	8.0
YHCD108-3R3MT	3.3±20%	100KHZ/0.25V	0.016	72
YHCD108-3R9MT	3.9±20%	100KHZ/0.25V	0.017	6.8
YHCD108-4R7MT*	4.7±20%	100KHZ/0.25V	0.019	6.0
YHCD108-5R6MT*	5.6±20%	100KHZ/0.25V	0.024	5.5
YHCD108-6R8MT*	6.8±20%	100KHZ/0.25V	0.035	5.0
YHCD108-8R2MT	8.2±20%	100KHZ/0.25V	0.045	4.5
YHCD108-100MT*	10±20%	100KHZ/0.25V	0.060	4.0
YHCD108-120MT*	12±20%	100KHZ/0.25V	0.070	3.8
YHCD108-150MT*	15±20%	100KHZ/0.25V	0.080	3.5
YHCD108-180MT*	18±20%	100KHZ/0.25V	0.090	3.3
YHCD108-220KT*	22±10%	100KHZ/0.25V	0.100	3.2
YHCD108-270KT*	27±10%	100KHZ/0.25V	0.110	3.0
YHCD108-330KT*	33±10%	100KHZ/0.25V	0.120	2.8
YHCD108-390KT*	39±10%	100KHZ/0.25V	0.140	2.5
YHCD108-470KT*	47±10%	100KHZ/0.25V	0.170	2.1
YHCD108-560KT*	56±10%	100KHZ/0.25V	0.190	2.0
YHCD108-680KT*	68±10%	100KHZ/0.25V	0.220	1.8
YHCD108-820KT*	82±10%	100KHZ/0.25V	0.250	1.6
YHCD108-101KT*	100±10%	100KHZ/0.25V	0.350	1.5
YHCD108-121KT*	120±10%	100KHZ/0.25V	0.440	1.4
YHCD108-151KT*	150±10%	100KHZ/0.25V	0.470	1.3
YHCD108-181KT*	180±10%	100KHZ/0.25V	0.680	1.2
YHCD108-221KT	220±10%	100KHZ/0.25V	0.800	2.0
YHCD108-301KT	300±10%	100KHZ/0.25V	0.820	1.50
YHCD108-331KT*	330±10%	100KHZ/0.25V	1.150	0.90
YHCD108-391KT*	390±10%	100KHZ/0.25V	1.300	0.80
YHCD108-471KT	470±10%	100KHZ/0.25V	1.400	1.30
YHCD108-501KT	500±10%	100KHZ/0.25V	1.450	1.30
YHCD108-701KT	700±10%	100KHZ/0.25V	1.900	1.20
YHCD108-102KT	1000±10%	100KHZ/0.25V	2.600	0.85
YHCD108-122KT*	1200±10%	100KHZ/0.25V	3.500	0.45
YHCD108-602KT	6000±10%	100KHZ/0.25V	16.20	0.36

YHNR SERIES SMD POWER INDUCTORS

YHCD 系列：贴片磁胶屏蔽电感

Technical Characteristics/技术特性：

减少蜂鸣声　抗跌落冲击　抗EMI强　空间占用小

Product Application/产品应用：

LED照明、路由器、机顶盒、摄影机、导航系统、虚拟现实（VR）、平板/笔记本/台式电脑等



Product Size/产品尺寸：

常规封装：

YHNR252010 \ YHNR252012 \ YHNR3012 \ YHNR3015 \ YHNR4012 \ YHNR4018 \ YHNR4020 \ YHNR4030

YHNR5020 \ YHNR5040 \ YHNR6020 \ YHNR6045 \ YHNR8040 \ YHNR1050 ……

电量感：0.47uH-1mH

YHNR
SERIES SMD POWER INDUCTORS

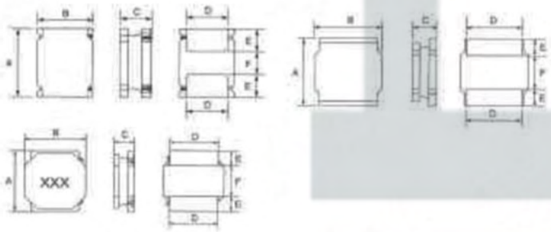
Type Name/型号：YHNR Series



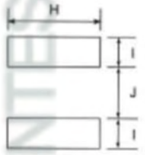
Construction/磁气构造图



Dimensions/外形尺寸图(Unit:mm)



Land Patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE NAME (型名)	A	B	C	D	E	F	H	I	J	QTY(MPQ) Pcs/reel 最小包装数（个/盘）
YHNR252010	2.5±0.1	2.0±0.1	1.0MAX	1.5±0.2	0.80±0.2	0.80±0.2	2.0REF	0.85REF	0.8REF	2000
YHNR252012	2.5±0.1	2.0±0.1	1.2MAX	1.5±0.2	0.80±0.2	0.80±0.2	2.0REF	0.85REF	0.8REF	2000
YHNR3010	3.0±0.2	3.0±0.2	1.0MAX	2.5±0.2	0.75±0.2	1.5±0.2	2.7REF	0.8REF	1.5REF	2000
YHNR3012	3.0±0.2	3.0±0.2	1.2MAX	2.5±0.2	0.75±0.2	1.5±0.2	2.7REF	0.8REF	1.5REF	2000
YHNR3015	3.0±0.2	3.0±0.2	1.5MAX	2.5±0.2	0.75±0.2	1.5±0.2	2.7REF	0.8REF	1.5REF	2000
YHNR4010*	4.0±0.2	4.0±0.2	1.0MAX	3.3±0.2	0.95±0.2	2.1±0.2	3.7REF	1.1REF	1.9REF	4500
YHNR4012	4.0±0.2	4.0±0.2	1.2MAX	3.3±0.2	0.95±0.2	2.1±0.2	3.7REF	1.1REF	1.9REF	4500
YHNR4018	4.0±0.2	4.0±0.2	1.8MAX	3.3±0.2	0.95±0.2	2.1±0.2	3.7REF	1.1REF	1.9REF	3000
YHNR4020	4.0±0.2	4.0±0.2	2.0MAX	3.3±0.2	0.95±0.2	2.1±0.2	3.7REF	1.1REF	1.9REF	3000
YHNR4026	4.0±0.2	4.0±0.2	2.6MAX	3.3±0.2	0.95±0.2	2.1±0.2	3.7REF	1.1REF	1.9REF	2000
YHNR4030	4.0±0.2	4.0±0.2	3.0MAX	3.3±0.2	0.95±0.2	2.1±0.2	3.7REF	1.1REF	1.9REF	2000
YHNR5012	5.0±0.2	5.0±0.2	1.2MAX	4.0±0.2	1.25±0.2	2.5±0.2	4.2REF	1.4REF	2.3REF	4500
YHNR5020	5.0±0.2	5.0±0.2	2.0MAX	4.0±0.2	1.25±0.2	2.5±0.2	4.2REF	1.4REF	2.3REF	3000
YHNR5040	5.0±0.2	5.0±0.2	4.0MAX	4.0±0.2	1.25±0.2	2.5±0.2	4.2REF	1.4REF	2.3REF	1500
YHNR6020	6.0±0.3	6.0±0.3	2.0MAX	4.9±0.3	1.55±0.3	2.9±0.3	5.7REF	1.7REF	2.8REF	2500
YHNR6028	6.0±0.3	6.0±0.3	2.8MAX	4.9±0.3	1.55±0.3	2.9±0.3	5.7REF	1.7REF	2.8REF	2000
YHNR6045	6.0±0.3	6.0±0.3	4.5MAX	4.9±0.3	1.55±0.3	2.9±0.3	5.7REF	1.7REF	2.8REF	1500
YHNR8040	8.0±0.3	8.0±0.3	4.2MAX	6.3±0.3	2.00±0.3	4.0±0.3	7.5REF	2.2REF	3.8REF	1000
YHNR1050	10±0.3	10±0.3	5.0MAX	4.2±0.3	2.00±0.3	6.4±0.3	5.5REF	2.0REF	6.2REF	700

Remark:AllproductsareprintedwithMarkingexceptthe252010,251012,3010,3012and3015series

YHNR
SERIES SMD POWER INDUCTORS

Product Identification/品名注释

(1) (2) (3) (4) (5)

YHNR — 3010 — S — 100 — MT

(1) YHNR/产品名称

(2) DIMENSION SYMBOL/尺寸表示:
3010=3.0X1.0MM(WXH)

(3)材质：S-常规材质C-合金材质

(4) INDUCTANCE VALUE/电感值：4R7=4.7UH,100=10UH,101=100UH

(5) TOLERANCE/公差：K=±10%，L=±15%，M=±20%，P=±25%，N=±30%

Specifications/规格

YHNR 252010					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR252010SR47NT	0.47±30%	100KHZ/1V	0.056	2.50	2.35
YHNR252010SR56NT	0.56±30%	100KHZ/1V	0.072	2.90	2.00
YHNR252010SR68NT	0.68±30%	100KHZ/1V	0.074	2.20	2.00
YHNR252010S1R0NT	1.0±30%	100KHZ/1V	0.108	1.85	1.65
YHNR252010S1R5NT	1.5±30%	100KHZ/1V	0.182	1.80	1.30
YHNR252010S2R2NT	2.2±30%	100KHZ/1V	0.209	1.20	1.20
YHNR252010S3R3MT	3.3±20%	100KHZ/1V	0.273	1.05	0.90
YHNR252010S4R7MT	4.7±20%	100KHZ/1V	0.563	0.95	0.70
YHNR252010S5R6MT	5.6±20%	100KHZ/1V	0.563	0.80	0.63
YHNR252010S6R8MT	6.8±20%	100KHZ/1V	0.896	0.78	0.59
YHNR252010S100MT	10±20%	100KHZ/1V	1.092	0.65	0.50

YHNR 252012					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Q)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR252012SR47NT	0.47±30%	100KHZ/1V	0.061	3.82	2.15
YHNR252012SR68NT	0.68±30%	100KHZ/1V	0.074	3.28	1.95
YHNR252012S1R0NT	1.0±30%	100KHZ/1V	0.090	2.59	1.93
YHNR252012S1R2NT	1.2±30%	100KHZ/1V	0.129	2.38	1.46
YHNR252012S1R5MT	1.5±20%	100KHZ/1V	0.147	2.24	1.40
YHNR252012S2R2MT	2.2±20%	100KHZ/1V	0.216	1.85	1.15
YHNR252012S2R7MT*	2.7±20%	100KHZ/1V	0.239	1.72	1.09
YHNR252012S3R3MT	3.3±20%	100KHZ/1V	0.264	1.61	1.04
YHNR252012S3R6MT*	3.6±20%	100KHZ/1V	0.418	1.46	0.90
YHNR252012S4R3MT	4.3±20%	100KHZ/1V	0.377	1.37	0.87

＊ 1 The saturation current when the inductance decreases to7%of initial value.(Ta=25℃)

＊ 2 The DC current at which the temperature rise is△t=40℃，whichever is smaller(Ta=20℃)

Specifications/规格

YHNR 252012					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR252012S4R7MT	4.7±20%	100KHZ/1V	0.377	1.12	0.84
YHNR252012S5R1MT*	5.1±20%	100KHZ/1V	0.500	1.23	0.75
YHNR252012S5R6MT	5.6±20%	100KHZ/1V	0.538	1.11	0.73
YHNR252012S6R2MT*	6.2±20%	100KHZ/1V	0.542	1.03	0.73
YHNR252012S6R8MT	6.8±20%	100KHZ/1V	0.581	0.98	0.69
YHNR252012S7R5MT*	7.5±20%	100KHZ/1V	0.611	0.97	0.68
YHNR252012S8R2MT	8.2±20%	100KHZ/1V	0.658	0.98	0.65
YHNR252012S9R1MT	9.1±20%	100KHZ/1V	0.690	0.91	0.62
YHNR252012S100MT	10±20%	100KHZ/1V	0.690	0.79	0.62
YHNR252012S120MT	12±20%	100KHZ/1V	1.075	0.78	0.51
YHNR252012S150MT	15±20%	100KHZ/1V	1.591	0.68	0.42
YHNR252012S220MT*	22±20%	100KHZ/1V	1.976	0.53	0.38

YHNR 3010					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR3010S1R0NT	1.0±30%	100KHZ/1V	0.085	1.40	1.45
YHNR3010S1R2NT	1.2±30%	100KHZ/1V	0.104	1.20	1.45
YHNR3010S1R5NT	1.5±30%	100KHZ/1V	0.130	1.27	1.30
YHNR3010S2R2NT	2.2±30%	100KHZ/1V	0.143	1.15	1.09
YHNR3010S2R7NT*	2.7±30%	100KHZ/1V	0.169	1.00	1.02
YHNR3010S3R3NT	3.3±30%	100KHZ/1V	0.257	0.97	0.96
YHNR3010S3R6NT*	3.6±30%	100KHZ/1V	0.215	0.95	0.90
YHNR3010S4R7MT	4.7±20%	100KHZ/1V	0.293	0.75	0.77
YHNR3010S6R8MT	6.8±20%	100KHZ/1V	0.510	0.70	0.66
YHNR3010S100MT	10±20%	100KHZ/1V	0.690	0.55	0.58
YHNR3010S120MT*	12±20%	100KHZ/1V	0.657	0.43	0.52
YHNR3010S150MT	15±20%	100KHZ/1V	1.090	0.42	0.47
YHNR3010S220MT	22±20%	100KHZ/1V	1.300	0.35	0.38
YHNR3010S270MT*	27±20%	100KHZ/1V	1.404	0.30	0.35
YHNR3010S330MT	33±20%	100KHZ/1V	2.360	0.29	0.30
YHNR3010S390MT	39±20%	100KHZ/1V	2.550	0.28	0.28
YHNR3010S430MT	43±20%	100KHZ/1V	2.340	0.23	0.27
YHNR3010S470MT	47±20%	100KHZ/1V	2.800	0.22	0.26
YHNR3010S510MT	51±20%	100KHZ/1V	2.860	0.21	0.25
YHNR3010S560MT	56±20%	100KHZ/1V	3.016	0.21	0.24

YHNR
SERIES SMD POWER INDUCTORS

Specifications/规格

YHNR 3012					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR3012SR22NT	0.22±30%	100KHZ/1V	0.022	5.30	3.00
YHNR3012SR82NT*	0.82±30%	100KHZ/1V	0.039	2.05	2.47
YHNR3012S1R0NT	1.0±30%	100KHZ/1V	0.076	1.87	2.20
YHNR3012S1R2NT*	1.2±30%	100KHZ/1V	0.059	2.22	2.01
YHNR3012S1R5NT	1.5±30%	100KHZ/1V	0.110	1.62	2.01
YHNR3012S1R8NT	1.8±30%	100KHZ/1V	0.082	1.30	1.65
YHNR3012S2R2NT	2.2±30%	100KHZ/1V	0.148	1.20	1.55
YHNR3012S2R4NT*	2.4±30%	100KHZ/1V	0.088	1.15	1.60
YHNR3012S2R7NT*	2.7±30%	100KHZ/1V	0.110	1.14	1.18
YHNR3012S3R3MT	3.3±20%	100KHZ/1V	0.196	1.05	1.36
YHNR3012S3R9MT	3.9±20%	100KHZ/1V	0.189	1.00	1.24
YHNR3012S4R7MT	4.7±20%	100KHZ/1V	0.321	0.90	1.24
YHNR3012S6R8MT	6.8±20%	100KHZ/1V	0.445	0.75	0.98
YHNR3012S100MT	10±20%	100KHZ/1V	0.579	0.60	0.83
YHNR3012S120MT	12±20%	100KHZ/1V	0.793	0.55	0.73
YHNR3012S150MT	15±20%	100KHZ/1V	0.910	0.45	0.71
YHNR3012S180MT*	18±20%	100KHZ/1V	0.709	0.43	0.58
YHNR3012S220MT	22±20%	100KHZ/1V	1.240	0.42	0.53
YHNR3012S270MT*	27±20%	100KHZ/1V	1.131	0.35	0.47
YHNR3012S330MT	33±20%	100KHZ/1V	1.920	0.36	0.46
YHNR3012S360MT	36±20%	100KHZ/1V	1.235	0.34	0.44
YHNR3012S390MT	39±20%	100KHZ/1V	1.729	0.30	0.37
YHNR3012S470MT	47±20%	100KHZ/1V	2.400	0.32	0.35
YHNR3012S680MT	68±20%	100KHZ/1V	3.840	0.30	0.33
YHNR3012S820MT*	82±20%	100KHZ/1V	3.302	0.17	0.27
YHNR3012S101MT	100±20%	100KHZ/1V	3.718	0.21	0.25

Specifications/规格

YHNR 3015					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR3015SR47NT	0.47±30%	100KHZ/1V	0.039	2.50	2.60
YHNR3015S1R0NT	1.0±30%	100KHZ/1V	0.048	2.32	2.35
YHNR3015S1R2NT*	1.2±30%	100KHZ/1V	0.052	2.21	1.95
YHNR3015S1R5NT	1.5±30%	100KHZ/1V	0.065	2.00	1.70
YHNR3015S1R8NT	1.8±30%	100KHZ/1V	0.065	1.75	1.70
YHNR3015S2R2NT	2.2±30%	100KHZ/1V	0.078	1.60	1.60
YHNR3015S2R7NT	2.7±30%	100KHZ/1V	0.098	1.52	1.43
YHNR3015S3R3MT	3.3±20%	100KHZ/1V	0.104	1.32	1.36
YHNR3015S3R6MT*	3.6±20%	100KHZ/1V	0.137	1.28	1.20
YHNR3015S4R3MT	4.3±20%	100KHZ/1V	0.150	1.20	1.14
YHNR3015S4R7MT	4.7±20%	100KHZ/1V	0.163	1.10	1.09
YHNR3015S5R1MT*	5.1±20%	100KHZ/1V	0.173	1.00	1.05
YHNR3015S6R2MT*	6.2±20%	100KHZ/1V	0.254	1.00	0.86
YHNR3015S6R8MT	6.8±20%	100KHZ/1V	0.260	0.85	0.85
YHNR3015S100MT	10±20%	100KHZ/1V	0.338	0.70	0.77
YHNR3015S120MT	12±20%	100KHZ/1V	0.416	0.70	0.68
YHNR3015S150MT	15±20%	100KHZ/1V	0.455	0.66	0.65
YHNR3015S180MT*	18±20%	100KHZ/1V	0.559	0.56	0.59
YHNR3015S220MT	22±20%	100KHZ/1V	0.598	0.52	0.57
YHNR3015S270MT*	27±20%	100KHZ/1V	0.949	0.48	0.45
YHNR3015S330MT	33±20%	100KHZ/1V	1.066	0.44	0.43
YHNR3015S390MT*	39±20%	100KHZ/1V	1.294	0.41	0.39
YHNR3015S430MT*	43±20%	100KHZ/1V	1.378	0.37	0.37
YHNR3015S470MT	47±20%	100KHZ/1V	1.625	0.35	0.35
YHNR3015S560MT*	56±20%	100KHZ/1V	1.664	0.33	0.34
YHNR3015S620MT*	62±20%	100KHZ/1V	2.093	0.30	0.30
YHNR3015S680MT	68±20%	100KHZ/1V	3.510	0.28	0.23
YHNR3015S101MT	100±20%	100KHZ/1V	4.043	0.23	0.21
YHNR3015S151MT	150±20%	100KHZ/1V	4.940	0.18	0.19

YHNR 4010					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4010S1R0NT	1.0±30%	100KHZ/1V	0.073	2.00	1.90
YHNR4010S1R5NT	1.5±30%	100KHZ/1V	0.091	1.68	1.70
YHNR4010S2R2MT*	2.2±20%	100KHZ/1V	0.111	1.20	1.50
YHNR4010S3R3MT*	3.3±20%	100KHZ/1V	0.130	1.10	1.40
YHNR4010S4R7MT*	4.7±20%	100KHZ/1V	0.182	0.95	1.20
YHNR4010S6R8MT*	6.8±20%	100KHZ/1V	0.26	0.80	1.00
YHNR4010S100MT	10±20%	100KHZ/1V	0.39	0.62	0.75
YHNR4010S150MT	15±20%	100KHZ/1V	0.559	0.54	0.60
YHNR4010S220MT*	22±20%	100KHZ/1V	0.741	0.45	0.50

YHNR
SERIES SMD POWER INDUCTORS

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YHNR 4012					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4012SR68NT	0.68±30%	100KHZ/1V	0.058	3.20	1.72
YHNR4012S1R0NT	1.0±30%	100KHZ/1V	0.072	2.20	1.65
YHNR4012S1R5NT	1.5±30%	100KHZ/1V	0.094	2.50	1.46
YHNR4012S1R8NT*	1.8±30%	100KHZ/1V	0.104	2.12	1.32
YHNR4012S2R2NT	2.2±30%	100KHZ/1V	0.120	1.70	1.32
YHNR4012S2R7NT*	2.7±30%	100KHZ/1V	0.117	1.90	1.25
YHNR4012S3R3NT	3.3±30%	100KHZ/1V	0.149	1.80	1.12
YHNR4012S3R6NT*	3.6±30%	100KHZ/1V	0.143	1.20	1.12
YHNR4012S4R3NT*	4.3±30%	100KHZ/1V	0.182	1.58	1.00
YHNR4012S4R7NT	4.7±30%	100KHZ/1V	0.198	1.20	1.05
YHNR4012S5R1NT	5.1±30%	100KHZ/1V	0.202	1.55	0.95
YHNR4012S5R6NT	5.6±30%	100KHZ/1V	0.182	1.00	1.00
YHNR4012S6R8MT	6.8±20%	100KHZ/1V	0.286	1.18	0.84
YHNR4012S100MT	10±20%	100KHZ/1V	0.442	0.95	0.77
YHNR4012S120MT*	12±20%	100KHZ/1V	0.377	0.66	0.70
YHNR4012S150MT	15±20%	100KHZ/1V	0.651	0.80	0.64
YHNR4012S180MT	18±20%	100KHZ/1V	0.611	0.55	0.55
YHNR4012S220MT	22±20%	100KHZ/1V	1.040	0.50	0.49
YHNR4012S270MT*	27±20%	100KHZ/1V	1.280	0.55	0.42
YHNR4012S330MT	33±20%	100KHZ/1V	1.053	0.42	0.42
YHNR4012S360MT*	36±20%	100KHZ/1V	1.170	0.40	0.40
YHNR4012S390MT*	39±20%	100KHZ/1V	1.430	0.55	0.37
YHNR4012S470MT	47±20%	100KHZ/1V	2.210	0.45	0.37
YHNR4012S560MT*	56±20%	100KHZ/1V	1.625	0.33	0.33
YHNR4012S680MT*	68±20%	100KHZ/1V	2.535	0.38	0.27
YHNR4012S820MT*	82±20%	100KHZ/1V	2.782	0.28	0.26
YHNR4012S101MT	100±20%	100KHZ/1V	2.873	0.25	0.25

Specifications/规格

YHNR 4018					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4018SR33NT	0.33±30%	100KHZ/1V	0.018	6.00	4.30
YHNR4018SR47NT	0.47±30%	100KHZ/1V	0.025	5.00	3.30
YHNR4018SR56NT	0.56±30%	100KHZ/1V	0.025	5.00	3.30
YHNR4018S1R0NT	1.0±30%	100KHZ/1V	0.033	4.80	2.00
YHNR4018S1R5NT	1.5±30%	100KHZ/1V	0.039	3.35	1.80
YHNR4018S2R2MT	2.2±20%	100KHZ/1V	0.059	2.70	1.65
YHNR4018S3R3MT	3.3±20%	100KHZ/1V	0.091	2.45	1.23
YHNR4018S4R7MT	4.7±20%	100KHZ/1V	0.117	1.70	1.20
YHNR4018S6R8MT	6.8±20%	100KHZ/1V	0.143	1.45	1.06
YHNR4018S100MT	10±20%	100KHZ/1V	0.234	1.30	0.84
YHNR4018S150MT	15±20%	100KHZ/1V	0.325	0.94	0.65
YHNR4018S220MT	22±20%	100KHZ/1V	0.468	0.80	0.59
YHNR4018S330MT	33±20%	100KHZ/1V	0.689	0.56	0.49
YHNR4018S470MT	47±20%	100KHZ/1V	0.982	0.57	0.42
YHNR4018S680MT	68±20%	100KHZ/1V	1.300	0.47	0.32
YHNR4018S101MT	100±20%	100KHZ/1V	2.800	0.40	0.25
YHNR4018S151MT	150±20%	100KHZ/1V	3.250	0.31	0.22
YHNR4018S221MT	220±20%	100KHZ/1V	5.740	0.30	0.17
YHNR4018S331MT	330±20%	100KHZ/1V	8.440	0.12	0.11

YHNR 4020					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4020S1R0NT	1.0±30%	100KHZ/1V	0.043	4.10	2.15
YHNR4020S1R2NT	1.2±30%	100KHZ/1V	0.045	4.00	2.15
YHNR4020S1R5NT	1.5±30%	100KHZ/1V	0.052	3.50	1.98
YHNR4020S2R2NT	2.2±30%	100KHZ/1V	0.068	3.40	1.85
YHNR4020S3R3MT	3.3±20%	100KHZ/1V	0.091	3.20	1.40
YHNR4020S3R6MT*	3.6±20%	100KHZ/1V	0.072	2.80	1.54
YHNR4020S4R7MT	4.7±20%	100KHZ/1V	0.120	2.30	1.34
YHNR4020S5R1MT*	5.1±20%	100KHZ/1V	0.111	2.30	1.27
YHNR4020S5R6MT*	5.6±20%	100KHZ/1V	0.117	2.20	1.22
YHNR4020S6R2MT*	6.2±20%	100KHZ/1V	0.150	2.15	1.08
YHNR4020S6R8MT	6.8±20%	100KHZ/1V	0.169	1.90	1.04
YHNR4020S7R5MT*	7.5±20%	100KHZ/1V	0.163	1.85	1.08
YHNR4020S8R2MT*	8.2±20%	100KHZ/1V	0.163	1.75	1.04
YHNR4020S100MT	10±20%	100KHZ/1V	0.247	1.60	0.90

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YHNR 4012					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4020S120MT	12±20%	100KHZ/1V	0.280	1.30	0.88
YHNR4020S150MT	15±20%	100KHZ/1V	0.335	1.30	0.77
YHNR4020S220MT	22±20%	100KHZ/1V	0.585	0.95	0.62
YHNR4020S270MT*	27±20%	100KHZ/1V	0.709	0.90	0.50
YHNR4020S330MT	33±20%	100KHZ/1V	0.715	0.85	0.49
YHNR4020S390MT*	39±20%	100KHZ/1V	0.845	0.82	0.46
YHNR4020S430MT*	43±20%	100KHZ/1V	0.858	0.77	0.45
YHNR4020S470MT	47±20%	100KHZ/1V	0.923	0.74	0.44
YHNR4020S510MT*	51±20%	100KHZ/1V	0.975	0.70	0.42
YHNR4020S560MT*	56±20%	100KHZ/1V	1.040	0.66	0.41
YHNR4020S620MT*	62±20%	100KHZ/1V	1.170	0.65	0.39
YHNR4020S680MT	68±20%	100KHZ/1V	1.380	0.61	0.36
YHNR4020S750MT*	75±20%	100KHZ/1V	1.508	0.70	0.35
YHNR4020S820MT	82±20%	100KHZ/1V	1.521	0.50	0.34
YHNR4020S101MT	100±20%	100KHZ/1V	2.020	0.48	0.31
YHNR4020S221MT	220±20%	100KHZ/1V	5.340	0.30	0.13

YHNR 4026					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4026S1R0NT	1.0±30%	100KHZ/1V	0.039	4.00	2.30
YHNR4026S2R2MT*	2.2±20%	100KHZ/1V	0.052	2.10	2.00
YHNR4026S3R3MT*	3.3±20%	100KHZ/1V	0.065	1.80	1.70
YHNR4026S4R7MT*	4.7±20%	100KHZ/1V	0.072	1.45	1.60
YHNR4026S6R8MT*	6.8±20%	100KHZ/1V	0.085	1.00	1.30
YHNR4026S100MT*	10±20%	100KHZ/1V	0.111	1.00	1.30
YHNR4026S150MT*	15±20%	100KHZ/1V	0.143	0.90	1.10
YHNR4026S220MT*	22±20%	100KHZ/1V	0.215	0.60	0.90
YHNR4026S330MT*	33±20%	100KHZ/1V	0.351	0.55	0.70
YHNR4026S470MT*	47±20%	100KHZ/1V	0.390	0.40	0.65

Specifications/规格

YHNR 4030					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR4030SR91NT	0.91±30%	100KHZ/1V	0.017	6.25	4.00
YHNR4030S1R0NT	1.0±30%	100KHZ/1V	0.022	5.00	4.15
YHNR4030S1R2NT	1.2±30%	100KHZ/1V	0.020	5.80	3.82
YHNR4030S1R5NT	1.5±30%	100KHZ/1V	0.026	4.84	3.34
YHNR4030S1R8NT	1.8±30%	100KHZ/1V	0.033	4.80	3.00
YHNR4030S2R2NT	2.2±30%	100KHZ/1V	0.039	4.50	2.95
YHNR4030S3R3MT	3.3±20%	100KHZ/1V	0.052	3.30	2.40
YHNR4030S4R3MT	4.3±20%	100KHZ/1V	0.072	2.95	2.10
YHNR4030S4R7MT	4.7±20%	100KHZ/1V	0.078	2.90	2.00
YHNR4030S5R6MT	5.6±20%	100KHZ/1V	0.085	2.60	1.95
YHNR4030S6R8MT	6.8±20%	100KHZ/1V	0.111	2.75	1.60
YHNR4030S7R5MT*	7.5±20%	100KHZ/1V	0.111	2.20	1.60
YHNR4030S8R2MT	8.2±20%	100KHZ/1V	0.117	2.10	1.60
YHNR4030S100MT	10±20%	100KHZ/1V	0.130	1.95	1.50
YHNR4030S120MT	12±20%	100KHZ/1V	0.190	1.70	1.30
YHNR4030S150MT	15±20%	100KHZ/1V	0.247	1.65	1.11
YHNR4030S180MT	18±20%	100KHZ/1V	0.260	1.40	1.10
YHNR4030S220MT	22±20%	100KHZ/1V	0.293	1.30	1.00
YHNR4030S330MT	33±20%	100KHZ/1V	0.429	1.10	0.84
YHNR4030S360MT*	36±20%	100KHZ/1V	0.436	1.05	0.83
YHNR4030S390MT*	39±20%	100KHZ/1V	0.566	1.03	0.73
YHNR4030S470MT	47±20%	100KHZ/1V	0.579	0.95	0.72
YHNR4030S510MT*	51±20%	100KHZ/1V	0.611	0.90	0.70
YHNR4030S560MT	56±20%	100KHZ/1V	0.722	0.85	0.65
YHNR4030S680MT	68±20%	100KHZ/1V	1.128	0.72	0.52
YHNR4030S820MT	82±20%	100KHZ/1V	1.378	0.66	0.47
YHNR4030S910MT*	91±20%	100KHZ/1V	1.430	0.65	0.46
YHNR4030S101MT	100±20%	100KHZ/1V	1.495	0.60	0.45
YHNR4030S121MT	120±20%	100KHZ/1V	1.755	0.55	0.42
YHNR4030S151MT*	150±20%	100KHZ/1V	2.340	0.50	0.30
YHNR4030S181MT*	180±20%	100KHZ/1V	3.400	0.45	0.26
YHNR4030S221MT*	220±20%	100KHZ/1V	3.250	0.40	0.25
YHNR4030S331MT*	330±20%	100KHZ/1V	5.200	0.30	0.25
YHNR4030S471MT	470±20%	100KHZ/1V	7.200	0.10	0.06

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YHNR 5012					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR5012S1R0NT	1.0±30%	100KHZ/1V	0.075	4.40	3.45
YHNR5012S1R5NT	1.5±30%	100KHZ/1V	0.094	3.70	2.25
YHNR5012S2R2NT	2.2±30%	100KHZ/1V	0.130	3.10	2.40
YHNR5012S3R3NT	3.3±30%	100KHZ/1V	0.200	2.20	1.95
YHNR5012S4R7NT	4.7±30%	100KHZ/1V	0.240	1.98	1.40
YHNR5012S6R8MT	6.8±20%	100KHZ/1V	0.390	1.50	1.35
YHNR5012S100MT	10±20%	100KHZ/1V	0.624	1.40	1.10
YHNR5012S150MT*	15±20%	100KHZ/1V	0.655	1.25	0.92

YHNR 5020					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR5020SR22NT	0.22±30%	100KHZ/1V	0.017	9.00	5.30
YHNR5020SR24NT	0.24±30%	100KHZ/1V	0.017	8.00	5.30
YHNR5020SR47NT	0.47±30%	100KHZ/1V	0.017	6.15	4.60
YHNR5020SR68NT	0.68±30%	100KHZ/1V	0.022	5.50	4.00
YHNR5020S1R0NT	1.0±30%	100KHZ/1V	0.026	4.10	3.80
YHNR5020S1R2NT*	1.2±30%	100KHZ/1V	0.029	4.50	3.55
YHNR5020S1R5NT	1.5±30%	100KHZ/1V	0.034	4.10	3.20
YHNR5020S2R2NT	2.2±30%	100KHZ/1V	0.042	3.20	2.90
YHNR5020S3R3NT	3.3±30%	100KHZ/1V	0.056	2.55	2.50
YHNR5020S4R3MT*	4.3±20%	100KHZ/1V	0.074	2.50	2.20
YHNR5020S4R7MT	4.7±20%	100KHZ/1V	0.074	2.50	2.20
YHNR5020S6R8MT	6.8±20%	100KHZ/1V	0.108	2.05	1.80
YHNR5020S9R1MT*	9.1±20%	100KHZ/1V	0.143	1.70	1.55
YHNR5020S100MT	10±20%	100KHZ/1V	0.143	1.70	1.55
YHNR5020S120MT*	12±20%	100KHZ/1V	0.183	1.50	1.40
YHNR5020S150MT	15±20%	100KHZ/1V	0.215	1.35	1.25
YHNR5020S180MT*	18±20%	100KHZ/1V	0.260	1.25	1.15
YHNR5020S220MT	22±20%	100KHZ/1V	0.294	1.15	1.10
YHNR5020S330MT	33±20%	100KHZ/1V	0.507	0.92	0.90
YHNR5020S470MT	47±20%	100KHZ/1V	0.680	0.77	0.77
YHNR5020S560MT*	56±20%	100KHZ/1V	0.819	0.77	0.70
YHNR5020S680MT	68±20%	100KHZ/1V	0.962	0.65	0.64
YHNR5020S101MT	100±20%	100KHZ/1V	1.430	0.53	0.53
YHNR5020S151MT	150±20%	100KHZ/1V	1.850	0.40	0.45
YHNR5020S201MT	200±20%	100KHZ/1V	2.600	0.35	0.40
YHNR5020S221MT	220±20%	100KHZ/1V	3.470	0.33	0.26
YHNR5020S471MT	470±20%	100KHZ/1V	5.570	0.27	0.13
YHNR5020S122MT	1200±20%	100KHZ/1V	13.80	0.13	0.06

Specifications/规格

YHNR 5040					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR5040S1R0NT	1.0±30%	100KHZ/1V	0.018	7.35	4.90
YHNR5040S1R2NT	1.2±30%	100KHZ/1V	0.021	6.50	4.15
YHNR5040S1R5NT	1.5±30%	100KHZ/1V	0.020	6.30	4.30
YHNR5040S2R2NT	2.2±30%	100KHZ/1V	0.025	4.90	3.80
YHNR5040S2R7NT	2.7±30%	100KHZ/1V	0.029	4.30	3.60
YHNR5040S3R3NT	3.3±30%	100KHZ/1V	0.034	3.95	3.40
YHNR5040S3R9NT	3.9±30%	100KHZ/1V	0.035	3.55	3.21
YHNR5040S4R7NT	4.7±30%	100KHZ/1V	0.042	3.50	3.00
YHNR5040S6R8MT	6.8±20%	100KHZ/1V	0.059	2.90	2,50
YHNR5040S100MT	10±20%	100KHZ/1V	0.083	2.35	2.10
YHNR5040S150MT	15±20%	100KHZ/1V	0.112	2.00	2.00
YHNR5040S220MT	22±20%	100KHZ/1V	0.169	1.60	1.50
YHNR5040S330MT	33±20%	100KHZ/1V	0.244	1.30	1.20
YHNR5040S470MT	47±20%	100KHZ/1V	0.403	1.10	1.00
YHNR5040S680MT	68±20%	100KHZ/1V	0.650	0.85	0.80
YHNR5040S101MT	100±20%	100KHZ/1V	0.728	0.66	0.66
YHNR5040S151MT	150±20%	100KHZ/1V	0.975	0.65	0.60
YHNR5040S181MT	180±20%	100KHZ/1V	1.610	0.60	0.50
YHNR5040S201MT	200±20%	100KHZ/1V	1.790	0.55	0.45
YHNR5040S221MT	220±20%	100KHZ/1V	1.820	0.48	0.40
YHNR5040S331MT	330±20%	100KHZ/1V	2.730	0.42	0.40
YHNR5040S471MT	470±20%	100KHZ/1V	3.900	0.37	0.35
YHNR5040S561MT	560±20%	100KHZ/1V	4.920	0.31	0.31
YHNR5040S102MT	1000±20%	100KHZ/1V	7.800	0.21	0.20
YHNR5040S152MT	1500±20%	100KHZ/1V	13.30	0.20	0.16

YHNR 6020					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR6020SR50NT*	0.50±30%	100KHZ/1V	0.018	4.50	3.30
YHNR6020SR68NT	0.68±30%	100KHZ/1V	0.023	4.40	3.80
YHNR6020SR82NT*	0.82±30%	100KHZ/1V	0.024	4.35	3.80
YHNR6020S1R0NT	1.0±30%	100KHZ/1V	0.026	4.30	3.50
YHNR6020S1R2NT*	1.2±30%	100KHZ/1V	0.029	4.30	3.20
YHNR6020S1R5NT	1.5±30%	100KHZ/1V	0.029	4.25	3.20
YHNR6020S1R8NT*	1.8±30%	100KHZ/1V	0.036	4.15	2.75
YHNR6020S2R0NT*	2.0±30%	100KHZ/1V	0.036	4.10	2.60
YHNR6020S2R2NT	2.2±30%	100KHZ/1V	0.046	3.75	2.75
YHNR6020S2R7NT*	2.7±30%	100KHZ/1V	0.046	3.70	2.60
YHNR6020S3R3NT	3.3±30%	100KHZ/1V	0.058	3.15	2.60

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YHNR 6020					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR6020S3R9NT*	3.9±30%	100KHZ/1V	0.064	3.10	2.10
YHNR6020S4R3NT*	4.3±30%	100KHZ/1V	0.064	3.05	2.10
YHNR6020S4R7NT	4.7±30%	100KHZ/1V	0.075	3.00	2.00
YHNR6020S5R6NT	5.6±30%	100KHZ/1V	0.091	2.40	1.90
YHNR6020S6R2NT*	6.2±30%	100KHZ/1V	0.103	2.30	1.80
YHNR6020S6R8NT	6.8±30%	100KHZ/1V	0.110	2.20	1.80
YHNR6020S8R2NT*	8.2±30%	100KHZ/1V	0.137	2.10	1.40
YHNR6020S100MT	10±20%	100KHZ/1V	0.156	1.75	1.40
YHNR6020S120MT*	12±20%	100KHZ/1V	0.166	1.55	1.30
YHNR6020S150MT	15±20%	100KHZ/1V	0.208	1.50	1.20
YHNR6020S180MT*	18±20%	100KHZ/1V	0.234	1.30	1.08
YHNR6020S220MT	22±20%	100KHZ/1V	0.312	1.25	1.00
YHNR6020S330MT	33±20%	100KHZ/1V	0.440	090	0.84
YHNR6020S470MT	47±20%	100KHZ/1V	0.650	0.75	0.80
YHNR6020S680MT	68±20%	100KHZ/1V	0.960	0.68	0.63
YHNR6020S101MT	100±20%	100KHZ/1V	1.450	0.50	0.42
YHNR6020S221MT	220±20%	100KHZ/1V	3.120	0.35	0.34
YHNR6020S331MT	330±20%	100KHZ/1V	4.800	0.27	0.33

YHNR 6028					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR6028S1R0NT	1.0±30%	100KHZ/1V	0.020	5.75	5.20
YHNR6028S1R5NT	1.5±30%	100KHZ/1V	0.021	6.00	4.58
YHNR6028S2R2NT	2.2±30%	100KHZ/1V	0.028	5.10	3.75
YHNR6028S3R3NT	3.3±30%	100KHZ/1V	0.040	4.15	3.48
YHNR6028S4R7NT	4.7±30%	100KHZ/1V	0.045	3.00	3.08
YHNR6028S6R8NT	6.8±20%	100KHZ/1V	0.061	2.60	2.40
YHNR6028S100MT	10±20%	100KHZ/1V	0.094	2.04	1.95
YHNR6028S120MT	12±20%	100KHZ/1V	0.104	1.80	1.85
YHNR6028S150MT	15±20%	100KHZ/1V	0.163	1.75	1.45
YHNR6028S180MT	18±20%	100KHZ/1V	0.175	1.52	1.45
YHNR6028S220MT	22±20%	100KHZ/1V	0.185	1.45	1.40
YHNR6028S270MT	27±20%	100KHZ/1V	0.202	1.50	1.32
YHNR6028S330MT	33±20%	100KHZ/1V	0.260	1.35	1.22
YHNR6028S470MT	47±20%	100KHZ/1V	0.410	1.15	1.06
YHNR6028S680MT	68±20%	100KHZ/1V	0.468	0.80	0.86
YHNR6028S820MT	82±20%	100KHZ/1V	0.650	0.80	0.70
YHNR6028S101MT	100±20%	100KHZ/1V	0.650	0.65	0.70
YHNR6028S151MT	150±20%	100KHZ/1V	1.100	0.48	0.42
YHNR6028S221MT	220±20%	100KHZ/1V	1.900	0.40	0.30
YHNR6028S471MT	470±20%	100KHZ/1V	3.900	0.36	0.28
YHNR6028S102MT	1000±20%	100KHZ/1V	7.540	0.18	0.23

Specifications/规格

YHNR 6045					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR6045SR82NT*	0.82±30%	100KHZ/1V	0.009	10.4	5.90
YHNR6045S1R0NT	1.0±30%	100KHZ/1V	0.014	9.85	5.14
YHNR604551R2NT*	1.2±30%	100KHZ/1V	0.014	8.53	5.40
YHNR6045S1R5NT	1.5±30%	100KHZ/1V	0.016	8.B0	4.95
YHNR6045S1R8NT*	1.8±30%	100KHZ/1V	0.016	7,60	4.95
YHNR6045S2R2NT	2.2±30%	100KHZ/1V	0.018	6.75	4.60
YHNR6045S3R0NT*	3.0±30%	100KHZ/1V	0.026	5.60	3.80
YHNR6045S3R3NT	3.3±30%	100KHZ/1V	0.027	5.90	3.70
YHNR6045S3R6NT*	3.6±30%	100KHZ/1V	0.027	5.25	3.70
YHNR6045S4R3MT*	4.3±20%	100KHZ/1V	0.030	4.45	3.50
YHNR6045S4R7MT	4.7±20%	100KHZ/1V	0.034	4.97	3.30
YHNR6045S5R1MT*	5.1±20%	100KHZ/1V	0.034	4.40	3.30
YHNR6045S5R6MT	5.6±20%	100KHZ/1V	0.038	4.15	3.15
YHNR6045S6R2MT*	6.2±20%	100KHZ/1V	0.040	4.43	3.00
YHNR6045S6R8MT	6.8±20%	100KHZ/1V	0.040	3.90	3.00
YHNR6045S7R5MT*	7.5±20%	100KHZ/1V	0.044	3.50	2.90
YHNR6045S8R2MT	8.2±20%	100KHZ/1V	0.056	3.90	2.60
YHNR6045S9R1MT*	9.1±20%	100KHZ/1V	0.056	3.35	2.60
YHNR6045S100MT	10±20%	100KHZ1V	0.062	3.20	2.45
YHNR6045S120MT	12±20%	100KHZ/1V	0.075	2.80	2.20
YHNR6045S150MT	15+20%	100KHZ/1V	0.088	2.50	2.05
YHNR6045S180MT	18±20%	100KHZ/1V	0.105	2.20	1.85
YHNR6045S220MT	22±20%	100KHZ/1V	0.116	2.05	1.80
YHNR6045S270MT	27±20%	100KHZ/1V	0.133	1.90	1.65
YHNR6045S300MT*	30±20%	100KHZ/1V	0.172	1.70	1.50
YHNR6045S330MT	33±20%	100KHZ/1V	0.178	1.65	145
YHNR6045S360MT*	36±20%	100KHZ/1V	0.225	1.62	1.40
YHNR6045S470MT	47±20%	100KHZ/1V	0.260	1.40	1.20
YHNR6045S510MT*	51±20%	100KHZ/1V	0.269	1.35	1.15
YHNR6045S560MT	56±20%	100KHZ/1V	0.287	1.30	1.10
YHNR6045S620MT	62±20%	100KHZ/1V	0.306	1.25	1.10
YHNR6045S680MT	68±20%	100KHZ/1V	0.376	1.20	1.00
YHNR6045S750MT*	75±20%	100KHZ/1V	0,397	1.15	0.95
YHNR6045S820MT	82±20%	100KHZ/1V	0.443	1.05	0.90
YHNR6045S910MT*	91±20%	100KHZ/1V	0.467	1.00	085
YHNR6045S101MT	100±20%	100KHZ/1V	0.563	0.95	0.80
YHNR6045S121MT*	120±20%	100KHZ/1V	0.628	0.85	0.77
YHNR6045S151MT	150±20%	100KHZ/1V	0.754	0.80	0.70
YHNR6045S221MT	220±20%	100KHZ/1V	1.084	0.70	0.59
YHNR6045S331MT	330±20%	100KHZ/1V	2.600	0.50	0.35
YHNR6045S681MT	680±20%	100KHZ/1V	3.250	0.42	033
YHNR6045S102MT	1000±20%	100KHZ/1V	5.200	0.24	0.19
YHNR6045S202MT	2000±20%	100KHZ/1V	16.00	0.15	0.12
YHNR6045S302MT	3000±20%	100KHZ/1V	16.00	0.14	0.12

YHNR
SERIES SMD POWER INDUCTORS

Specifications/规格

YHNR 8040					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR8040SR82NT*	0.82±30%	100KHZ/1V	0.010	13.8	6.30
YHNR8040S1R0NT	1.0±30%	100KHZ/1V	0.010	9.85	6.30
YHNR8040S1R5NT	1.5±30%	100KH2/1V	0.013	8.15	5.65
YHNR8040S2R0NT*	2.0±30%	100KHZ/1V	0.016	9.25	5.15
YHNR8040S2R2NT	2.2±30%	100KHZ/1V	0.016	7.10	5.15
YHNR8040S3R0NT*	3.0±30%	100KHZ/1V	0.018	6.10	4.70
YHNR8040S3R3NT	3.3±30%	100KHZ/1V	0.022	6.50	4.40
YHNR8040S3R6NT	3.6±30%	100KH2/1V	0.022	7.52	4.35
YHNR8040S3R9NT	3.9±30%	100KHZ/1V	0.022	5.75	4.3
YHNR8040S4R7NT	4.7±30%	100KHZ/1V	0.025	5.90	4.10
YHNR8040S5R1NT*	5.1±30%	100KHZ/1V	0.025	4.70	4.05
YHNR8040S5R6NT	5.6±30%	100KHZ/1V	0.027	6.00	3.85
YHNR8040S6R2NT*	6.2±30%	100KHZ/1V	0.027	4.45	3.85
YHNR8040S6R8MT	6.8±20%	100KH2/1V	0.031	4.55	3.60
YHNR8040S8R2MT	8.2±20%	100KHZ/1V	0.043	4.20	3.45
YHNR8040S100MT	10±20%	100KHZ/1V	0.052	3.60	3.30
YHNR8040S120MT	12±20%	100KHZ/1V	0.053	3.50	2.80
YHNRB040S150MT	15±20%	100KHZ/1V	0.061	2.95	2.60
YHNR8040S180MT	18±20%	100KHZ/1V	0.069	2.70	2.40
YHNR8040S220MT	22±20%	100KH2/1V	0.090	2.40	2.10
YHNR8040S270MT	27±20%	100KHZ/1V	0.101	2.15	2.00
YHNR8040S330MT	33±20%	100KHZ/1V	0.143	2.05	1.80
YHNRB040S430MT*	43±20%	100KHZ/1V	0.147	1.90	1.65
YHNRB040S470MT	47±20%	100KHZ/1V	0.195	1.70	1.55
YHNRB040S510MT	51±20%	100KHZ/1V	0.199	1.70	1.50
YHNR8040S560MT*	56±20%	100KH2/1V	0.205	1.55	1.45
YHNRB040S620MT*	62±20%	100KHZ/1V	0.237	1.50	1.30
YHNR8040S680MT	68±20%	100KHZ/1V	0.255	145	1.25
YHNRB040S750MT*	75±20%	100KHZ/1V	0.274	1.35	1.20
YHNRB040S820MT	82±20%	100KHZ/1V	0.293	1.30	1,15
YHNR8040S910MT*	91±20%	100KHZ/1V	0.354	1.20	1.05
YHNR8040S101MT	100±20%	100KHZ/1V	0.377	1.15	1.00
YHNRB040S121MT	120±20%	100KHZ/1V	0.434	1.05	0.95
YHNRB040S151MT	150±20%	100KHZ/1V	0.533	1.10	0.85
YHNRB040S181MT	180±20%	100KHZ/1V	0.676	0.95	0.83
YHNRB040S221MT	220±20%	100KHZ/1V	0.779	0.85	0.80
YHNR8040S331MT	330±20%	100KHZ/1V	1.155	0.6B	0.64
YHNR8040S471MT	470±20%	100KH2/1V	1.625	0.60	0.50
YHNR8040S102MT	1000±20%	100KHZ/1V	3.640	0.40	0.35
YHNR8040S222MT	2200±20%	100KHZ/1V	9.960	0.30	0.23

Specifications/规格

YHNR 1050					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHNR1050S1R0NT	1.0±30%	100KHZ/1V	0.018	10.0	6.40
YHNR1050S1R5NT	1.5±30%	100KHZ/1V	0.020	10.0	6.00
YHNR1050S2R2NT	2.2±30%	100KHZ/1V	0.025	10.0	5.50
YHNR1050S3R3NT	3.3±30%	100KHZ/1V	0.027	10.0	5.00
YHNR1050S4R7NT	4.7±30%	100KHZ/1V	0.030	10.0	4.60
YHNR1050S6R8NT	6.8±30%	100KHZ/1V	0.037	9.00	4.20
YHNR1050S100MT	10±20%	100KHZ/1V	0.048	7.20	3.70
YHNR1050S150MT	15±20%	100KHZ/1V	0.059	6.00	3.20
YHNR1050S220MT	22±20%	100KHZ/1V	0.085	4.30	2.70
YHNR1050S330MT	33±20%	100KHZ/1V	0.104	4.00	2.30
YHNR1050S470MT	47±20%	100KHZ/1V	0.163	3.30	2.00
YHNR1050S680MT	68±20%	100KHZ/1V	0.235	3.00	1.80
YHNR1050S101MT	100±20%	100KHZ/1V	0.338	2.50	1.40
YHNR1050S151MT	150±20%	100KHZ/1V	0.438	2.00	1.20
YHNR1050S221MT	220±20%	100KHZ/1V	0.675	1.80	1.00
YHNR1050S271MT	270±20%	100KHZ/1V	0.858	1.50	0.90
YHNR1050S331MT	330±20%	100KHZ/1V	1.100	1.40	0.85
YHNR1050S471MT	470±20%	100KHZ/1V	1.430	1.20	0.73
YHNR1050S561MT	560±20%	100KHZ/1V	1.750	1.10	0.68
YHNR1050S681MT	680±20%	100KHZ/1V	1.980	1.00	0.65
YHNR1050S821MT	820±20%	100KHZ/1V	2.730	0.90	0.55
YHNR1050S102MT	1000±20%	100KHZ/1V	3.420	0.80	0.50

※ 1:ALL TEST DATE IS REFERENCED2 OC AMBIENT;

※ 2:RATED CURRENT:ISA OR IRMS,WHICHEVER IS SMALLER;

※ 3:ISAT:DC CURRENTATWHICHTHE INDUCTANCEDROPS APPROXIMATE3O%FROM ITSVALUEWITHOUT CURRENT;

※ 4:IRMS:DCCURRENTTHATCAUSESTHETEMPERATURERISE(△T=4OC)FROM2 OCAMBIENT;

YHRH SERIES SMD POWER INDUCTORS

YHRH系列：贴片磁罩屏蔽电感

Technical Characteristics/技术特性：

适合表面贴装　高电流　低DCR　抗干扰能力强

Product Application/产品应用：

录像机、液晶显示器、笔记本电脑、通讯设备、自动化设备等



Product Size/产品尺寸：

常规封装：

YHRH62 \ YHRH64 YHRH73 \ YHRH74 \ YHRH124

YHRH125 \ YHRH127 ……

电量感：1uH-1mH

YHRH SERIES SMD POWER INDUCTORS

Type Name/型号：YHRH Series



Construction/磁气构造图

Dimensions/外形尺寸图(Unit:mm)

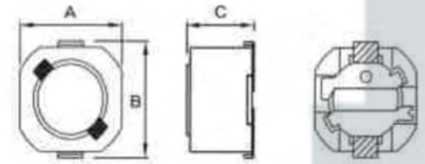


Fig.1 (JSMRH62,JSMRH64)

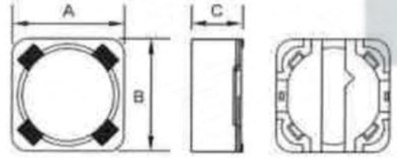
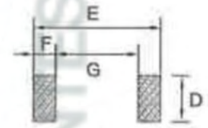


Fig.2(JSMRH73,JSMRH74)

Land Patterns/贴装尺寸



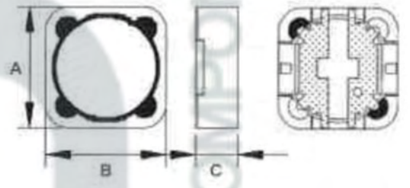


Fig.3(JSMRH104,JSMRH124,JSMRH125,JSMRH127,JSMRH129)

Shape and Size:(Dimensions are in mm)

TYPE NAME (型名)	SHAPE	A	B	C	D	E	F	G	QTY(MPQ) Pcs/reel 最小包装数(个/盘)
YHRH62*	FIG.1	6.2±0.3	6.6±0.3	3.2MAX	1.9REF	7.4REF	1.4REF	4.6REF	1500
YHRH64*	FIG.1	6.2±0.3	6.6±0.3	5.0MAX	1.9REF	7.4REF	1.4REF	4.6REF	1000
YHRH73	FIG.2	7.3±0.2	7.3±0.2	3.5MAX	2.2REF	8.0REF	1.6REF	4.8REF	1000
YHRH74	FIG.2	7.3±0.2	7.3±0.2	4.5MAX	2.2REF	8.0REF	1.6REF	4.8REF	1000
YHRH104	FIG.3	10.5MAX	10.5MAX	4.8MAX	4.0REF	10.6REF	2.3REF	6.0REF	1000
YHRH124	FIG.3	12.5MAX	12.5MAX	4.8MAX	5.4REF	12.6REF	2.8REF	7.0REF	800
YHRH125	FIG.3	12.5MAX	12.5MAX	6.0MAX	5.4REF	12.8REF	2.9REF	7.0REF	500
YHRH127	FIG.3	12.5MAX	12.5MAX	8.0MAX	5.4REF	12.8REF	2.9REF	7.0REF	500
YHRH129	FIG.3	12.5MAX	12.5MAX	10.0MAX	5.4REF	12.8REF	2.9REF	7.0REF	400

YHRH
SERIES SMD POWER INDUCTORS

Product Identification/品名注释

(1) (2) (3) (4)

YHRH — 127 — 100 — MT

(1) YHRH/产品名称

(2) DIMENSION SYMBOL/尺寸表示:
127=12X7MM(WXH)

(3) INDUCTANCE VALUE/电感值：4R7=4.7UH,100=10UH,101=100UH

(4) TOLERANCE/公差:
K=±10%，L=±15%，M=±20%，P=±25%，N=±30%

Specifications/规格

YHRH 62				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH62-2R2NT	2.2±30%	100KHZ/0.25V	44	2.00
YHRH62-3R3NT*	3.3±30%	100KHZ/0.25V	68	1.70
YHRH62-4R7NT*	4.7±30%	100KHZ/0.25V	80	1.50
YHRH62-5R6NT	5.6±30%	100KHZ/0.25V	96	1.40
YHRH62-6R8NT*	6.8±30%	100KHZ/0.25V	100	1.20
YHRH62-7R1NT*	7.1±30%	100KHZ/0.25V	110	1.15
YHRH62-100MT	10±20%	100KHZ/0.25V	150	1.10
YHRH62-120MT	12±20%	100KHZ/0.25V	200	1.00
YHRH62-150MT	15±20%	100KHZ/0.25V	230	0.90
YHRH62-180MT	18±20%	100KHZ/0.25V	270	0.80
YHRH62-220MT*	22±20%	100KHZ/0.25V	340	0.74
YHRH62-270MT	27±20%	100KHZ/0.25V	380	0.66
YHRH62-330MT	33±20%	100KHZ/0.25V	450	0.59
YHRH62-390MT	39±20%	100KHZ/0.25V	490	0.54
YHRH62-470MT*	47±20%	100KHZ/0.25V	690	0.50
YHRH62-560MT*	56±20%	100KHZ/0.25V	780	0.46
YHRH62-680MT	68±20%	100KHZ/0.25V	1070	0.42
YHRH62-820MT*	82±20%	100KHZ/0.25V	1200	0.38
YHRH62-101MT	100±20%	100KHZ/0.25V	1390	0.34
YHRH62-121MT*	120±20%	100KHZ/0.25V	1900	0.31
YHRH62-151MT*	150±20%	100KHZ/0.25V	2180	0.28
YHRH62-181MT*	180±20%	100KHZ/0.25V	2770	0.26
YHRH62-221MT	220±20%	100KHZ/0.25V	3100	0.23
YHRH62-271MT*	270±20%	100KHZ/0.25V	4380	0.22
YHRH62-331MT*	330±20%	100KHZ/0.25V	4900	0.19

* The saturation current when the inductance decreases to70%of initial value.(Ta=25°C)

Specifications/规格

YHRH 64				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHRH64-100MT*	10±20%	100KHZ/0.25V	0.11	1.68
YHRH64-120MT*	12±20%	100KHZ/0.25V	0.13	1.51
YHRH64-150MT*	15±20%	100KHZ/0.25V	0.14	1.32
YHRH64-180MT*	18±20%	100KHZ/0.25V	0.16	1.18
YHRH64-220MT*	22±20%	100KHZ/0.25V	0.21	1.06
YHRH64-270MT*	27±20%	100KHZ/0.25V	0.29	0.95
YHRH64-330MT*	33±20%	100KHZ/0.25V	0.33	0.88
YHRH64-390MT*	39±20%	100KHZ/0.25V	0.35	0.77
YHRH64-470MT*	47±20%	100KHZ/0.25V	0.39	0.76
YHRH64-560MT*	56±20%	100KHZ/0.25V	0.43	0.67
YHRH64-680MT*	68±20%	100KHZ/0.25V	0.59	0.60
YHRH64-820MT*	82±20%	100KHZ/0.25V	0.66	0.57
YHRH64-101MT*	100±20%	100KHZ/0.25V	0.76	0.50
YHRH64-121MT*	120±20%	100KHZ/0.25V	0.83	0.47
YHRH64-151MT*	150±20%	100KHZ/0.25V	1.24	0.42
YHRH64-181MT*	180±20%	100KHZ/0.25V	1.89	0.37
YHRH64-221MT*	220±20%	100KHZ/0.25V	2.10	0.34
YHRH64-271MT*	270±20%	100KHZ/0.25V	2.37	0.31
YHRH64-331MT*	330±20%	100KHZ/0.25V	2.66	0.27

Specifications/规格

YHRH 73				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※
YHRH73-100MT*	10±20%	100KHZ/0.25V	0.072	1.68
YHRH73-120MT*	12±20%	100KHZ/0.25V	0.098	1.52
YHRH73-150MT*	15±20%	100KHZ/0.25V	0.13	1.33
YHRH73-180MT*	18±20%	100KHZ/0.25V	0.14	1.20
YHRH73-220MT*	22±20%	100KHZ/0.25V	0.19	1.07
YHRH73-270MT*	27±20%	100KHZ/0.25V	0.21	0.96
YHRH73-330MT*	33±20%	100KHZ/0.25V	0.24	0.91
YHRH73-390MT*	39±20%	100KHZ/0.25V	0.32	0.77
YHRH73-470MT*	47±20%	100KHZ/0.25V	0.36	0.76
YHRH73-560MT*	56±20%	100KHZ/0.25V	0.47	0.68
YHRH73-680MT*	68±20%	100KHZ/0.25V	0.52	0.61
YHRH73-820MT*	82±20%	100KHZ/0.25V	0.69	0.57
YHRH73-101MT*	100±20%	100KHZ/0.25V	0.79	0.50
YHRH73-121MT*	120±20%	100KHZ/0.25V	0.89	0.49
YHRH73-151MT*	150±20%	100KHZ/0.25V	1.27	0.43
YHRH73-181MT*	180±20%	100KHZ/0.25V	1.45	0.39
YHRH73-221MT*	220±20%	100KHZ/0.25V	1.65	0.35
YHRH73-271MT*	270±20%	100KHZ/0.25V	2.31	0.32
YHRH73-331MT*	330±20%	100KHZ/0.25V	2.62	0.28
YHRH73-391MT*	390±20%	100KHZ/0.25V	2.94	0.26
YHRH73-471MT*	470±20%	100KHZ/0.25V	4.18	0.24
YHRH73-561MT*	560±20%	100KHZ/0.25V	4.67	0.22
YHRH73-681MT*	680±20%	100KHZ/0.25V	5.73	0.19
YHRH73-821MT*	820±20%	100KHZ/0.25V	6.54	0.18
YHRH73-102MT*	1000±20%	100KHZ/0.25V	9.44	0.16

Specifications/规格

YHRH 74				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH74-1R0NT*	1.0±30%	100KHZ/0.25V	11.1	6.80
YHRH74-2R2NT*	2.2±30%	100KHZ/0.25V	18	5.00
YHRH74-3R3NT	3.3±30%	100KHZ/0.25V	30	4.00
YHRH74-4R7NT	4.7±30%	100KHZ/0.25V	40	3.50
YHRH74-5R6NT*	6.6±30%	100KHZ/0.25V	33	2.70
YHRH74-6R8NT*	6.8±30%	100KHZ/0.25V	35	2.30
YHRH74-BR2NT*	8.2±30%	100KHZ/0.25V	45	2.10
YHRH74-100MT*	10±20%	100KHZ/0.25V	49	1.84
YHRH74-120MT*	12±20%	100KHZ/0.25V	58	1.71
YHRH74-150MT*	15±20%	100KHZ/0.25V	81	1.47
YHRH74-180MT*	18±20%	100KHZ/0.25V	91	1.31
YHRH74-220MT	22±20%	100KHZ/0.25V	100	1.50
YHRH74-270MT*	27±20%	100KHZ/0.25V	150	1.12
YHRH74-330MT	33±20%	100KHZ/0.25V	170	0.96
YHRH74-390MT*	39±20%	100KHZ/0.25V	230	0.91
YHRH74-470MT	47±20%	100KHZ/0.25V	260	0.88
YHRH74-560MT*	56±20%	100KHZ/0.25V	350	0.75
YHRH74-680MT	68±20%	100KHZ/0.25V	380	0.69
YHRH74-820MT*	82±20%	100KHZ/0.25V	430	0.61
YHRH74-101MT	100±20%	100KHZ/0.25V	610	0.80
YHRH74-121MT*	120±20%	100KHZ/0.25V	660	0.52
YHRH74-151MT*	150±20%	100KHZ/0.25V	880	0.46
YHRH74-181MT*	180±20%	100KHZ/0.25V	980	0.42
YHRH74-221MT	220±20%	100KHZ/0.25V	1170	0.36
YHRH74-271MT	270±20%	100KHZ/0.25V	1640	0.34
YHRH74-331MT	330±20%	100KHZ/0.25V	1860	0.32
YHRH74-391MT	390±20%	100KHZ/0.25V	2850	0.29
YHRH74-471MT	470±20%	100KHZ/0.25V	3000	0.26
YHRH74-561MT	560±20%	100KHZ/0.25V	3600	0.23
YHRH74-6B1MT	680±20%	100KHZ/0.25V	4600	0.22
YHRH74-821MT	820±20%	100KHZ/0.25V	5200	0.20
YHRH74-102MT	1000±20%	100KHZ/0.25V	6000	0.18
YHRH74-252MT	2500±20%	100KHZ/0.25V	11780	0.10

YHRH
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Specifications/规格

YHRH 104				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH104-4R7MT*	4.7±20%	100KHZ/0.25V	35	3.20
YHRH104-6R8MT*	6.8±20%	100KHZ/0.25V	44	2.80
YHRH104-100MT*	10±20%	100KHZ/0.25V	50	2.40
YHRH104-120MT*	12±20%	100KHZ/0.25V	54	2.25
YHRH104-150MT*	15±20%	100KHZ/0.25V	61	2.00
YHRH104-180MT*	18±20%	100KHZ/0.25V	84	1.80
YHRH104-220MT*	22±20%	100KHZ/0.25V	94	1.65
YHRH104-270MT*	27±20%	100KHZ/0.25V	110	1.45
YHRH104-330MT*	33±20%	100KHZ/0.25V	150	1.35
YHRH104-390MT*	39±20%	100KHZ/0.25V	170	1,20
YHRH104-470MT*	47±20%	100KHZ/0.25V	210	1.10
YHRH104-560MT*	56±20%	100KHZ/0.25V	230	1.00
YHRH104-6BOMT*	68±20%	100KHZ/0.25V	260	0.93
YHRH104-820MT*	82±20%	100KHZ/0.25V	360	0.84
YHRH104-101MT*	100±20%	100KHZ/0.25V	410	0.76
YHRH104-121MT*	120±20%	100KHZ/0.25V	450	0.70
YHRH104-151MT*	150±20%	100KHZ/0.25V	640	0.63
YHRH104-181MT*	180±20%	100KHZ/0.25V	840	0.57
YHRH104-221MT*	220±20%	100KHZ/0.25V	960	0.52
YHRH104-271MT*	270±20%	100KHZ/0.25V	1070	0.47
YHRH104-331MT*	330±20%	100KHZ/0.25V	1370	0.43
YHRH104-391MT*	390±20%	100KHZ/0.25V	1550	0.39
YHRH104-471MT*	470±20%	100KHZ/0.25V	1740	0.36

Specifications/规格

YHRH 124				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH124-3R9MT*	3.9±20%	100KHZ/0.25V	15	6.50
YHRH124-4R7MT*	4.7±20%	100KHZ/0.25V	18	5.70
YHRH124-6R8MT*	6.8±20%	100KHZ/0.25V	25	4.90
YHRH124-8R2MT*	8.2±20%	100KHZ/0.25V	26	4.60
YHRH124-100MT*	10±20%	100KHZ/0.25V	32	4.50
YHRH124-120MT*	12±20%	100KHZ/0.25V	38	4.00
YHRH124-150MT*	15±20%	100KHZ/0.25V	50	3.20
YHRH124-180MT*	18±20%	100KHZ/0.25V	57	3.10
YHRH124-220MT*	22±20%	100KHZ/0.25V	66	2.90
YHRH124-270MT*	27±20%	100KHZ/0.25V	80	2.80
YHRH124-330MT*	33±20%	100KHZ/0.25V	97	2.70
YHRH124-390MT*	39±20%	100KHZ/0.25V	132	2.10
YHRH124-470MT*	47±20%	100KHZ/0.25V	150	1.90
YHRH124-560MT*	56±20%	100KHZ/0.25V	190	1.80
YHRH124-680MT*	68±20%	100KHZ/0.25V	220	1.50
YHRH124-820MT*	82±20%	100KHZ/0.25V	260	1.30
YHRH124-101MT*	100±20%	100KHZ/0.25V	308	1.20
YHRH124-121MT*	120±20%	100KHZ/0.25V	380	1.10
YHRH124-151MT*	150±20%	100KHZ/0.25V	530	0.95
YHRH124-181MT*	180±20%	100KHZ/0.25V	620	0.85
YHRH124-221MT*	220±20%	100KHZ/0.25V	700	0.80
YHRH124-271MT*	270±20%	100KHZ0.25V	870	0.60
YHRH124-331MT*	330±20%	100KHZ/0.25V	990	0.50

Specifications/规格

YHRH 125				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH125-1R0NT*	1.0±30%	100KHZ/0.25V	12	8.00
YHRH125-2R2NT*	2.2±30%	100KHZ/0.25V	14	7.00
YHRH125-3R3NT*	3.3±30%	100KHZ/0.25V	17	6.00
YHRH125-4R7NT*	4.7±30%	100KHZ/0.25V	20	5.00
YHRH125-5R6NT*	5.6±30%	100KHZ/0.25V	21	4.40
YHRH125-6R8NT*	6.8±30%	100KHZ/0.25V	24	4.20
YHRH125-100MT*	10±20%	100KHZ/0.25V	25	4.00
YHRH125-120MT*	12±20%	100KHZ/0.25V	27	3.50
YHRH125-150MT*	15±20%	100KHZ/0.25V	30	3.30
YHRH125-180MT*	18±20%	100KHZ/0.25V	34	3.00
YHRH125-220MT	22±20%	100KHZ/0.25V	60	4.00
YHRH125-270MT*	27±20%	100KHZ/0.25V	51	2.30
YHRH125-330MT	33±20%	100KHZ/0.25V	72	2.20
YHRH125-390MT	39±20%	100KHZ/0.25V	120	1.80
YHRH125-470MT*	47±20%	100KHZ/0.25V	75	1.80
YHRH125-560MT*	56±20%	100KHZ/0.25V	110	1.70
YHRH125-680MT*	68±20%	100KHZ/0.25V	120	1.50
YHRH125-820MT*	82±20%	100KHZ/0.25V	140	1.40
YHRH125-101MT	100±20%	100KHZ/0.25V	205	1.30
YHRH125-121MT*	120±20%	100KHZ/0.25V	193	1.10
YHRH125-151MT*	150±20%	100KHZ/0.25V	248	1.00
YHRH125-181MT*	180±20%	100KHZ/0.25V	290	0.90
YHRH125-221MT	220±20%	100KHZ/0.25V	460	0.90
YHRH125-271MT*	270±20%	100KHZ/0.25V	460	0.75
YHRH125-331MT*	330±20%	100KHZ/0.25V	510	0.68
YHRH125-391MT*	390±20%	100KHZ/0.25V	690	0.65
YHRH125-471MT	470±20%	100KHZ/0.25V	1560	0.90
YHRH125-561MT*	560±20%	100KHZ/0.25V	860	0.54
YHRH125-681MT*	680±20%	100KHZ/0.25V	1200	0.48
YHRH125-821MT*	820±20%	100KHZ/0.25V	1340	0.43
YHRH125-102MT	1000±20%	100KHZ/0.25V	1704	0.60

Specifications/规格

YHRH 127				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH127-1R2NT*	1.2±30%	100KHZ/0.25V	7.0	9.80
YHRH127-2R4NT*	2.4±30%	100KHZ/0.25V	11.5	8.00
YHRH127-3R5NT*	3.5±30%	100KHZ/0.25V	13.5	7.50
YHRH127-4R7NT	4.7±30%	100KHZ/0.25V	13.3	6.80
YHRH127-5R6NT	5.6±30%	100KHZ/0.25V	20.3	6.30
YHRH127-8R2NT	8.2±30%	100KHZ/0.25V	21.0	5.70
YHRH127-100MT	10±20%	100KHZ/0.25V	35.0	5.00
YHRH127-120MT*	12±20%	100KHZ/0.25V	24.3	4.90
YHRH127-150MT	15±20%	100KHZ/0.25V	52.0	4.50
YHRH127-180MT*	18±20%	100KHZ/0.25V	39.2	3.90
YHRH127-220MT	22±20%	100KHZ/0.25V	45.0	3.60
YHRH127-270MT*	27±20%	100KHZ/0.25V	45.9	3.40
YHRH127-330MT	33±20%	100KHZ/0.25V	64.8	3.00
YHRH127-390MT*	39±20%	100KHZ/0.25V	72.9	2.75
YHRH127-470MT	47±20%	100KHZ/0.25V	100	2.50
YHRH127-560MT*	56±20%	100KHZ/0.25V	110	2.35
YHRH127-680MT	68±20%	100KHZ/0.25V	120	2.10
YHRH127-820MT*	82±20%	100KHZ/0.25V	160	1.95
YHRH127-101MT	100±20%	100KHZ/0.25V	220	1.70
YHRH127-121MT*	120±20%	100KHZ/0.25V	250	1.60
YHRH127-151MT	150±20%	100KHZ/0.25V	280	1.20
YHRH127-181MT*	180±20%	100KHZ/0.25V	350	1.30
YHRH127-221MT	220±20%	100KHZ/0.25V	390	1.10
YHRH127-271MT*	270±20%	100KHZ/0.25V	560	1.06
YHRH127-331MT	330±20%	100KHZ/0.25V	510	0.95
YHRH127-391MT	390±20%	100KHZ/0.25V	690	0.88
YHRH127-471MT	470±20%	100KHZ/0.25V	980	0.79
YHRH127-561MT	560±20%	100KHZ/0.25V	1100	0.73
YHRH127-681MT	680±20%	100KHZ/0.25V	1460	0.67
YHRH127-821MT	820±20%	100KHZ/0.25V	1700	0.62
YHRH127-102MT	1000±20%	100KHZ/0.25V	1530	0.55
YHRH127-152MT	1500±20%	100KHZ/0.25V	2480	0.40
YHRH127-502MT	5000±20%	100KHZ/0.25V	10800	0.12

YHRH
SERIES SMD POWER INDUCTORS

Specifications/规格

YHRH 129				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH129-1R0NT*	1.0±30%	100KHZ/0.25V	5.5	19.9
YHRH129-1R8NT*	1.8±30%	100KHZ/0.25V	6.5	13.4
YHRH129-2R5NT*	2.5±30%	100KHZ/0.25V	8.0	12.2
YHRH129-3R5NT*	3.5±30%	100KHZ/0.25V	9.7	12.0
YHRH129-4R7NT*	4.7±30%	100KHZ/0.25V	11.0	10.1
YHRH129-5R6NT*	5.6±30%	100KHZ/0.25V	12.4	8.56
YHRH129-8R2NT	8.2±30%	100KHZ/0.25V	18.5	8.10
YHRH129-100MT*	10±20%	100KHZ/0.25V	18.0	7.12
YHRH129-120MT*	12±20%	100KHZ/0.25V	19.0	7.04
YHRH129-150MT*	15±20%	100KHZ/0.25V	26.0	5.84
YHRH129-220MT	22±20%	100KHZ/0.25V	43.0	6.80
YHRH129-330MT	33±20%	100KHZ/0.25V	51.0	4.50
YHRH129-470MT	47±20%	100KHZ/0.25V	80.0	4.00
YHRH129-560MT*	56±20%	100KHZ/0.25V	68.0	2.85
YHRH129-680MT	68±20%	100KHZ/0.25V	93.0	2.76
YHRH129-820MT*	82±20%	100KHZ/0.25V	99.0	2.62
YHRH129-101MT*	100±20%	100KHZ/0.25V	126	2.31
YHRH129-121MT*	120±20%	100KHZ/0.25V	154	2.05
YHRH129-151MT*	150±20%	100KHZ/0.25V	174	1.80
YHRH129-181MT*	180±20%	100KHZ/0.25V	191	1.66
YHRH129-221MT*	220±20%	100KHZ/0.25V	246	1.64
YHRH129-331MT*	330±20%	100KHZ/0.25V	386	1.28
YHRH129-471MT*	470±20%	100KHZ/0.25V	471	1.06
YHRH129-561MT*	560±20%	100KHZ/0.25V	650	1.01
YHRH129-681MT*	680±20%	100KHZ/0.25V	730	0.83
YHRH129-821MT*	820±20%	100KHZ/0,25V	936	0.81
YHRH129-102MT*	1000±20%	100KHZ/0.25V	1220	0.70
YHRH129-122MT*	1200±20%	100KHZ/0.25V	1520	0.64
YHRH129-152MT*	1500±20%	100KHZ/0.25V	1990	0.56
YHRH129-182MT*	1800±20%	100KHZ/0.25V	2180	0.48
YHRH129-222MT*	2200±20%	100KHZ/0.25V	2580	0.43

YHRH-D SERIES SMD POWER INDUCTORS

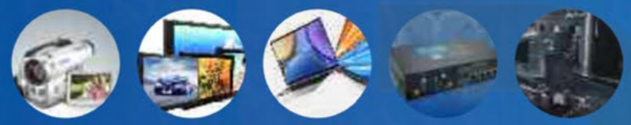
YHRH-D 系列：贴片磁罩屏蔽电感

Technical Characteristics/技术特性：

适合表面贴装　高电流　低DCR　抗干扰能力强

Product Application/产品应用：

录像机、液晶显示器、笔记本电脑、通讯设备、自动化设备等



Product Size/产品尺寸：

常规封装：

YHRH3D16 \ YHRH3D28 \ YHRH4D18 \ YHRH4D28 \ YHRH5D18
YHRH5D28 \ YHRH6D28 \ YHRH6D38 \ YHRH8D28 \ YHRH8D38
YHRH8D43 \ YHRH8D58 ……

电量感：1uH-1mH

YHRH-D
SERIES SMD POWER INDUCTORS

Type Name/型号:YHRH-D Series



Fig.1



Fig.2

Construction/磁气构造图



Dimensions/外形尺寸图(Unit:mm)

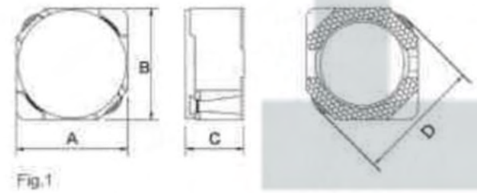


Fig.1

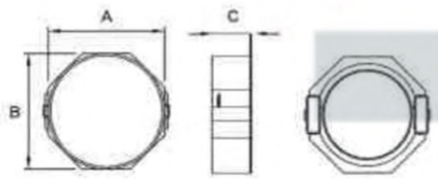
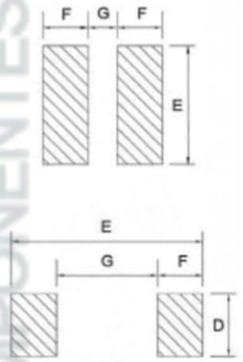


Fig.2

Land Patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE NAME (型名)	SHAPE	A	B	C	D	E	F	G	QTY(MPQ) Pcs/reel 最小包装数(个/盘)
YHRH3D16	FIG.1	4.2MAX	4.2MAX	1.8MAX	5.5MAX	4.5REF	1.7REF	1.1REF	3000
YHRH3D18	FIG.1	4.2MAX	4.2MAX	2.1MAX	5.5MAX	4.5REF	1.7REF	1.1REF	3000
YHRH3D28	FIG.1	4.2MAX	4.2MAX	3.2MAX	5.5MAX	4.5REF	1.7REF	1.1REF	2000
YHRH4D18	FIG.1	4.7±0.3	4.7±0.3	2.0MAX	6.9MAX	5.3REF	1.9REF	1.5REF	3000
YHRH4D22*	FIG.1	4.7±0.3	4.7±0.3	2.4MAX	6.9MAX	5.3REF	1.9REF	1.5REF	2000
YHRH4D28	FIG.1	4.7±0.3	4.7±0.3	3.0MAX	6.9MAX	5.3REF	1.9REF	1.5REF	2000
YHRH5D28	FIG.1	5.7±0.3	5.7±0.3	3.0MAX	8.2MAX	6.3REF	2.15REF	2.0REF	2000
YHRH5D33*	FIG.1	5.7±0.3	5.7±0.3	3.5MAX	8.2MAX	6.3REF	2.15REF	2.0REF	2000
YHRH6D18*	FIG.1	6.7±0.3	6.7±0.3	2.0MAX	9.5MAX	7.3REF	2.65REF	2.0REF	2000
YHRH6D28	FIG.1	6.7±0.3	6.7±0.3	3.0MAX	9.5MAX	7.3REF	2.65REF	2.0REF	2000
YHRH6D38	FIG.1	6.7±0.3	6.7±0.3	4.0MAX	9.5MAX	7.3REF	2.65REF	2.0REF	2000
YHRH8D28*	FIG.2	8.0±0.3	8.0±0.3	3.0MAX	2.8REF	10.1REF	2.0REF	6.1REF	1000
YHRH8D38*	FIG.2	8.0±0.3	8.0±0.3	4.0MAX	2.BREF	10.1REF	2.0REF	6.1REF	1000
YHRH8D43	FIG.2	8.0±0.3	8.0±0.3	4.5MAX	2.8REF	10.1REF	2.0REF	6.1REF	1000
YHRH8D58*	FIG.2	8.0±0.3	8.0±0.3	6.0MAX	2.8REF	10.1REF	2.0REF	6.1REF	800

Product Identification/品名注释

(1) (2) (3) (4)

YHRH — 3D16 — 100 — MT

(1) YHRH-D/产品名称

(2) DIMENSION SYMBOL/尺寸表示:
3D16=4.0X1.6MM(WXH)

(3) INDUCTANCE VALUE/电感值: 4R7=4.7uH,100=10uH,101=100uH

(4) TOLERANCE/公差:
K=±10%, L=±15%, M=±20%, P=±25%, N=±30%

Specifications/规格

YHRH 3D16				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH3D16-1R5NT*	1.5±30%	100KHZ/0.25V	52	1.55
YHRH3D16-2R2NT	2.2±30%	100KHZ/0.25V	75	1.20
YHRH3D16-3R3NT*	3.3±30%	100KHZ/0.25V	85	1.10
YHRH3D16-4R7NT	4.7±30%	100KHZ/0.25V	105	0.90
YHRH3D16-6R8NT*	6.8±30%	100KHZ/0.25V	170	0.73
YHRH3D16-100MT*	10±20%	100KHZ/0.25V	210	0.55
YHRH3D16-150MT*	15±20%	100KHZ/0.25V	295	0.45
YHRH3D16-220MT*	22±20%	100KHZ/0.25V	430	0.40
YHRH3D16-330MT*	33±20%	100KHZ/0.25V	660	0.32

YHRH 3D18				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Q)MAX.	Saturation Current 饱和电流(A)※
YHRH3D18-3R3MT*	3.3±20%	100KHZ/0.25V	105	1.60
YHRH3D18-4R7MT*	4.7±20%	100KHZ/0.25V	136	1.35
YHRH3D18-6R8MT*	6.8±20%	100KHZ/0.25V	170	1.10
YHRH3D18-100MT*	10±20%	100KHZ/0.25V	263	0.90
YHRH3D18-150MT*	15±20%	100KHZ/0.25V	379	0.75
YHRH3D18-220MT*	22±20%	100KHZ/0.25V	590	0.60
YHRH3D18-330MT*	33±20%	100KHZ/0.25V	894	0.45
YHRH3D18-470MT*	47±20%	100KHZ/0.25V	1390	0.35
YHRH3D18-101MT*	100±20%	100KHZ/0.25V	1850	0.20

* The saturation current when the inductance decreases to7o%of initial value,(Ta=25°C)

Specifications/规格

YHRH 3D28				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH3D28-3R3NT*	3.3±30%	100KHZ/0.25V	72	1.80
YHRH3D28-4R7NT	4.7±30%	100KHZ/0.25V	104	1.65
YHRH3D28-6R8NT*	6.8±30%	100KHZ/0.25V	119	1.24
YHRH3D28-100MT	10±20%	100KHZ/0.25V	145	1.00
YHRH3D28-150MT*	15±20%	100KHZ/0.25V	213	0.90
YHRH3D28-220MT	22±20%	100KHZ/0.25V	350	0.50
YHRH3D28-330MT	33±20%	100KHZ/0.25V	480	0.55
YHRH3D28-470MT	47±20%	100KHZ/0.25V	699	0.45

YHRH 4D18				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mQ)MAX.	Saturation Current 饱和电流(A)※
YHRH4D18-1R2NT*	1.2±30%	100KHZ/0.25V	45	1.72
YHRH4D18-2R2NT	2.2±30%	100KHZ/0.25V	75	1.32
YHRH4D18-2R7NT*	2.7±30%	100KHZ/0.25V	105	1.28
YHRH4D18-3R3NT	3.3±30%	100KHZ/0.25V	110	1.14
YHRH4D18-3R9NT*	3.9±30%	100KHZ/0.25V	155	0.88
YHRH4D18-4R7NT*	4.7±30%	100KHZ/0.25V	162	0.84
YHRH4D18-5R6NT*	5.6±30%	100KHZ/0.25V	170	0.80
YHRH4D18-6R8NT*	6.8±30%	100KHZ/0.25V	180	0.76
YHRH4D18-8R2NT*	8.2±30%	100KHZ/0.25V	190	0.68
YHRH4D18-100MT	10±20%	100KHZ/0.25V	200	0.61
YHRH4D18-120MT*	12±20%	100KHZ/0.25V	210	0.56
YHRH4D18-150MT*	15±20%	100KHZ/0.25V	240	0.50
YHRH4D18-180MT*	18±20%	100KHZ/0.25V	338	0.48
YHRH4D18-220MT*	22±20%	100KHZ/0.25V	395	0.41
YHRH4D18-270MT*	27±20%	100KHZ/0.25V	440	0.35
YHRH4D18-330MT*	33±20%	100KHZ/0.25V	694	0.32
YHRH4D18-390MT*	39±20%	100KHZ/0.25V	709	0.30
YHRH4D18-470MT*	47±20%	100KHZ/0.25V	920	0.28
YHRH4D18-560MT*	56±20%	100KHZ0.25V	1080	0.26
YHRH4D18-680MT*	68±20%	100KHZ/0.25V	1300	0.24
YHRH4D18-820MT	82±20%	100KHZ/0.25V	1560	0.22
YHRH4D18-101MT*	100±20%	100KHZ/0.25V	1730	0.20
YHRH4D18-121MT*	120±20%	100KHZ/0.25V	2390	0.18
YHRH4D18-151MT*	150±20%	100KHZ/0.25V	2670	0.15
YHRH4D18-181MT*	180±20%	100KHZ/0.25V	4000	0.14

Specifications/规格

YHRH 4D22				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH4D22-1R2NT*	1.2±30%	100KHZ/0.25V	26.5	4.20
YHRH4D22-1R5NT*	1.5±30%	100KHZ/0.25V	31.3	3.50
YHRH4D22-2R2NT*	2.2±30%	100KHZ/0.25V	44.3	3.20
YHRH4D22-2R7NT*	2.7±30%	100KHZ/0.25V	57.8	2.80
YHRH4D22-3R5NT*	3.5±30%	100KHZ/0.25V	65.0	2.50
YHRH4D22-4R7NT*	4.7±30%	100KHZ/0.25V	82.6	2.20
YHRH4D22-5R2NT*	5.2±30%	100KHZ/0.25V	92.8	2.00
YHRH4D22-6R3NT*	6.3±30%	100KHZ/0.25V	110	1.85
YHRH4D22-8R2NT*	8.2±30%	100KHZ/0.25V	128	1.65
YHRH4D22-100MT*	10±20%	100KHZ/0.25V	160	1.50
YHRH4D22-120MT*	12±20%	100KHZ/0.25V	185	1.25
YHRH4D22-150MT*	15±20%	100KHZ/0.25V	212	1.15
YHRH4D22-180MT*	18±20%	100KHZ/0.25V	235	1.10
YHRH4D22-220MT*	22±20%	100KHZ/0.25V	265	1.05
YHRH4D22-270MT*	27±20%	100KHZ/0.25V	393	0.90
YHRH4D22-330MT*	33±20%	100KHZ/0.25V	448	0.80
YHRH4D22-390MT*	39±20%	100KHZ/0.25V	666	0.75
YHRH4D22-470MT*	47±20%	100KHZ/0.25V	720	0.70
YHRH4D22-560MT*	56±20%	100KHZ/0.25V	810	0.65
YHRH4D22-680MT*	68±20%	100KHZ/0.25V	910	0.60
YHRH4D22-820MT*	82±20%	100KHZ/0.25V	1220	0.55
YHRH4D22-101MT*	100±20%	100KHZ/0.25V	1370	0.48

YHRH 4D28				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH4D28-1R5NT	1.5±30%	100KHZ/0.25V	45.0	2.50
YHRH4D28-1R8NT*	1.8±30%	100KHZ/0.25V	27.5	2.20
YHRH4D28-2R2NT	2.2±30%	100KHZ/0.25V	34.0	1.80
YHRH4D28-2R7NT*	2.7±30%	100KHZ/0.25V	43.3	1.60
YHRH4D28-3R3NT*	3.3±30%	100KHZ/0.25V	49.2	1.57
YHRH4D28-3R9NT*	3.9±30%	100KHZ/0.25V	64.8	1.44
YHRH4D28-4R7NT*	4.7±30%	100KHZ/0.25V	72	1.32
YHRH4D28-5R6NT*	5.6±30%	100KHZ/0.25V	100	1.17
YHRH4D28-8R2NT*	8.2±30%	100KHZ/0.25V	117	1.04
YHRH4D28-100MT	10±20%	100KHZ/0.25V	106	1.00
YHRH4D28-120MT*	12±20%	100KHZ/0.25V	131	0.84
YHRH4D28-150MT*	15±20%	100KHZ/0.25V	149	0.76
YHRH4D28-180MT*	18±20%	100KHZ/0.25V	166	0.72

YHRH-D
SERIES SMD POWER INDUCTORS

Specifications/规格

YHRH 4D28				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH4D28-220MT	22±20%	100KHZ/0.25V	262	0.80
YHRH4D28-270MT*	27±20%	100KHZ/0.25V	261	0.58
YHRH4D28-330MT*	33±20%	100KHZ/0.25V	331	0.56
YHRH4D28-390MT*	39±20%	100KHZ/0.25V	383	0.50
YHRH4028-470MT*	47±20%	100KHZ/0.25V	587	0.48
YHRH4D28-560MT*	56±20%	100KHZ/0.25V	624	0.41
YHRH4D28-680MT*	68±20%	100KHZ/0.25V	699	0.35
YHRH4D28-820MT*	82±20%	100KHZ/0.25V	914	0.32
YHRH4D28-101MT	100±20%	100KHZ/0.25V	1020	0.29
YHRH4D28-121MT*	120±20%	100KHZ/0.25V	1270	0.27
YHRH4D28-151MT*	150±20%	100KHZ/0.25V	1350	0.24
YHRH4D28-181MT*	180±20%	100KHZ/0.25V	1540	0.22
YHRH4028-221MT	220±20%	100KHZ/0.25V	1720	0.20

YHRH 5D28				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH5D28-2R2NT*	2.2±30%	100KHZ/0.25V	18	2.60
YHRH5D28-3R3NT*	3.3±30%	100KHZ/0.25V	24	2.40
YHRH5D28-4R7NT*	4.7±30%	100KHZ/0.25V	38	2.20
YHRH5D28-5R6NT*	5.6±30%	100KHZ/0.25V	45	1.80
YHRH5D28-6R8NT*	6.8±30%	100KHZ/0.25V	50	1.70
YHRH5D28-8R2NT*	8.2±30%	100KHZ/0.25V	53	1.60
YHRH5D28-100MT	10±20%	100KHZ/0.25V	102	1.50
YHRH5D28-120MT*	12±20%	100KHZ/0.25V	76	1.20
YHRH5D28-150MT	15±20%	100KHZ/0.25V	120	1.10
YHRH5D28-180MT*	18±20%	100KHZ/0.25V	110	1.00
YHRH5D28-220MT	22±20%	100KHZ/0.25V	155	0.90
YHRH5D28-270MT	27±20%	100KHZ/0.25V	200	0.90
YHRH5D28-330MT*	33±20%	100KHZ/0.25V	189	0.75
YHRH5D2B-390MT*	39±20%	100KHZ/0.25V	212	0.70
YHRH5D28-470MT*	47±20%	100KHZ/0.25V	250	0.62
YHRH5D28-560MT*	56±20%	100KHZ/0.25V	305	0.58
YHRH5D28-680MT*	68±20%	100KHZ/0.25V	355	0.52
YHRH5D28-820MT*	82±20%	100KHZ/0.25V	460	0.46
YHRH5D28-101MT	100±20%	100KHZ/0.25V	520	0.42
YHRH5D28-221MT	220±20%	100KHZ/0.25V	1200	0.20

Specifications/规格

YHRH 5D33				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH5D33-2R2NT*	2.2±30%	100KHZ/0.25V	32	3.50
YHRH5D33-4R7NT*	4.7±30%	100KHZ/0.25V	47	3.20
YHRH5D33-6R8NT*	6.8±30%	100KHZ/0.25V	75	2.80
YHRH5D33-8R2NT*	8.2±30%	100KHZ/0.25V	88	2.00
YHRH5D33-100MT*	10±20%	100KHZ/0.25V	100	2.00
YHRH5D33-220MT*	22±20%	100KHZ/0.25V	153	1.40
YHRH5D33-330MT*	33±20%	100KHZ/0.25V	222	1.20
YHRH5D33-470MT*	47±20%	100KHZ/0.25V	283	1.10
YHRH5D33-560MT*	56±20%	100KHZ/0.25V	335	0.98
YHRH5033-680MT*	68±20%	100KHZ/0.25V	415	0.80
YHRH5D33-820MT*	82±20%	100KHZ/0.25V	520	0.65
YHRH5D33-101MT*	100±20%	100KHZ/0.25V	630	0.44

YHRH 6D18				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH6D18-1R8PT*	1.8±25%	100KHZ/0.25V	35.8	4.50
YHRH6D18-2R7PT*	2.7±25%	100KHZ/0.25V	44.3	3.60
YHRH6D18-3R9PT*	3.9±25%	100KHZ/0.25V	62.4	3.00
YHRH6D18-4R7PT*	4.7±25%	100KHZ/025V	73	2.80
YHRH6D18-6RBPT*	6.8±25%	100KHZ/0.25V	102	2.35
YHRH6D18-8R2PT*	8.2±25%	100KHZ/0.25V	122	2.10
YHRH6D18-100MT*	10±20%	100KHZ/0.25V	156	1.95
YHRH6D18-150MT*	15±20%	100KHZ/0.25V	237	1.60
YHRH6D18-220MT*	22±20%	100KHZ/0.25V	275	1.35
YHRH6D18-330MT*	33±20%	100KHZ/0.25V	467	1.10
YHRH6D18-470MT*	47±20%	100KHZ/0.25V	668	0.90
YHRH6D18-560MT*	56±20%	100KHZ/0.25V	756	0.85
YHRH6D18-680MT*	68±20%	100KHZ/0.25V	947	0.70
YHRH6D18-820MT*	82±20%	100KHZ/0.25V	1070	0.65
YHRH6018-101MT*	100±20%	100KHZ/0.25V	1210	0.60
YHRH6D18-121MT*	120±20%	100KHZ/0.25V	1610	0.58

YHRH-D
SERIES SMD POWER INDUCTORS

Specifications/规格

YHRH 6D28				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH6D28-3R0NT*	3.0±30%	100KHZ/0.25V	24	3.00
YHRH6D28-4R7NT	4.7±30%	100KHZ/0.25V	30	2.50
YHRH6D28-5R0NT*	5.0±30%	100KHZ/0.25V	31	2.40
YHRH6D28-6R8NT	6.8±30%	100KHZ/0.25V	55	1.80
YHRH6D28-7R3NT*	7.3±30%	100KHZ/0.25V	54	2.10
YHRH6D28-8R6NT*	8.6±30%	100KHZ/0.25V	58	1.85
YHRH6D28-100MT*	10±20%	100KHZ/0.25V	65	1.70
YHRH6D28-120MT*	12±20%	100KHZ/0.25V	70	1.55
YHRH6D28-150MT	15±20%	100KHZ/0.25V	110	1.10
YHRH6D28-180MT*	18±20%	100KHZ/0.25V	95	1.32
YHRH6D28-220MT	22±20%	100KHZ/0.25V	128	0.90
YHRH6D28-270MT*	27±20%	100KHZ/0.25V	142	1.05
YHRH6D28-330MT	33±20%	100KHZ/0.25V	162	0.60
YHRH6D28-390MT*	39±20%	100KHZ/0.25V	210	0.86
YHRH6D28-470MT	47±20%	100KHZ/0.25V	238	1.00
YHRH6D28-560MT*	56±20%	100KHZ/0.25V	277	0.73
YHRH6D28-680MT*	68±20%	100KHZ/0.25V	304	0.65
YHRH6D28-820MT*	82±20%	100KHZ/0.25V	390	0.60
YHRH6D28-101MT	100±20%	100KHZ/0.25V	535	0.54

YHRH 6D38				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH6D38-2R2NT*	2.2±30%	100KHZ/0.25V	19	3.90
YHRH6D38-3R3NT	3.3±30%	100KHZ/0.25V	25	3.00
YHRH6D38-4R7NT*	4.7±30%	100KHZ/0.25V	24	2.90
YHRH6D38-5R6NT*	5.6±30%	100KHZ/0.25V	27	2.70
YHRH6D38-6R8NT*	6.8±30%	100KHZ/0.25V	31	2.40
YHRH6D38-8R2NT*	8.2±30%	100KHZ/0.25V	34	2.20
YHRH6D38-100MT*	10±20%	100KHZ/0.25V	38	2.00
YHRH6D38-120MT*	12±20%	100KHZ/0.25V	53	1.70
YHRH6D3B-150MT*	15±20%	100KHZ/0.25V	57	1.60
YHRH6D38-180MT*	18±20%	100KHZ/0.25V	92	1.50
YHRH6D38-220MT*	22±20%	100KHZ/0.25V	96	1.30
YHRH6D38-270MT*	27±20%	100KHZ/0.25V	109	1.20
YHRH6D3B-330MT*	33±20%	100KHZ/0.25V	124	1.10
YHRH6D38-390MT*	39±20%	100KHZ/0.25V	138	1.00
YHRH6D38-470MT*	47±20%	100KHZ/0.25V	155	0.95
YHRH6D38-560MT*	56±20%	100KHZ/0.25V	202	0.85
YHRH6D38-680MT*	68±20%	100KHZ/0.25V	234	0.75
YHRH6D38-820MT*	82±20%	100KHZ/0.25V	324	0.70

Specifications/规格

YHRH 6D38				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH6D38-101MT*	100±20%	100KHZ/0.25V	358	0.65
YHRH6D38-121MT*	120±20%	100KHZ/0.25V	464	0.59
YHRH6D38-151MT*	150±20%	100KHZ/0.25V	570	0.54
YHRH6D38-181MT*	180±20%	100KHZ/0.25V	690	0.49
YHRH6D38-221MT*	220±20%	100KHZ/0.25V	760	0.43
YHRH6D38-271MT*	270±20%	100KHZ/0.25V	1129	0.40
YHRH6D38-331MT	330±20%	100KHZ/0.25V	1300	0.30
YHRH6D38-391MT*	390±20%	100KHZ/0.25V	1410	0.34
YHRH6D38-471MT*	470±20%	100KHZ/0.25V	1780	0.32
YHRH6D38-561MT*	560±20%	100KHZ/0.25V	2010	0.29
YHRH6D38-681MT*	680±20%	100KHZ/0.25V	2520	0.25
YHRH6D38-821MT*	820±20%	100KHZ/0.25V	2745	0.22
YHRH6D38-102MT*	1000±20%	100KHZ/0.25V	3625	0.20

YHRH 8D28				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH8D28-1R0NT*	1.0±30%	100KHZ/0.25V	11.0	6.50
YHRH8D28-2R0NT*	2.0±30%	100KHZ/0.25V	15.6	4.50
YHRHBD28-2R7NT*	2.7±30%	100KHZ/0.25V	18.2	4.00
YHRH8D28-4R7NT*	4.7±30%	100KHZ/0.25V	24.7	3.40
YHRH8D28-6R8NT*	6.8±30%	100KHZ/0.25V	39	2.80
YHRH8D28-100MT*	10±20%	100KHZ/0.25V	54	2.30
YHRH8D28-150MT*	15±20%	100KHZ/0.25V	69	1.90
YHRH8D28-220MT*	22±20%	100KHZ/0.25V	122	1.40
YHRH8D28-330MT*	33±20%	100KHZ/0.25V	156	1.30
YHRH8D28-470MT*	47±20%	100KHZ/0.25V	228	1.15
YHRH8D28-680MT*	68±20%	100KHZ/0.25V	324	0.92
YHRH8D28-101MT*	100±20%	100KHZ/0.25V	480	0.75

YHRH 8D38				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH8D38-1R5NT*	1.5±30%	100KHZ/0.25V	15.6	7.00
YHRH8D38-2R2NT*	2.2±30%	100KHZ/0.25V	19.2	6.50
YHRH8D38-3R5NT*	3.5±30%	100KHZ/0.25V	24.0	5.00
YHRH8D38-4R7NT*	4.7±30%	100KHZ/0.25V	29.0	4.60
YHRH8D3B-6R0NT*	6.0±30%	100KHZ/0.25V	42.6	420

YHRH-D
SERIES SMD POWER INDUCTORS

Specifications/规格

YHRH 8D38				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH8D38-100MT*	10±20%	100KHZ/0.25V	55	3.00
YHRH8D38-150MT*	15±20%	100KHZ/0.25V	67	2.75
YHRH8D38-220MT*	22±20%	100KHZ/0.25V	105	2.30
YHRH8D38-330MT*	33±20%	100KHZ/0.25V	155	1.75
YHRH8D38-470MT*	47±20%	100KHZ/0.25V	211	1.52
YHRH8D3B-680MT*	68±20%	100KHZ/0.25V	290	1.30
YHRH8D3B-101MT*	100±20%	100KHZ/0.25V	410	1.05

YHRH 8D43				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH8D43-R68NT*	0.68±30%	100KHZ/0.25V	9.5	8.0
YHRH8D43-1R2NT*	1.2±30%	100KHZ/0.25V	12.2	7.0
YHRH8D43-2R0NT*	2.0±30%	100KHZ/0.25V	14	6.5
YHRH8D43-3R3NT*	3.3±30%	100KHZ/0.25V	19	5.9
YHRH8D43-4R7NT*	4.7±30%	100KHZ/0.25V	22	5.0
YHRH8D43-6R8NT*	6.8±30%	100KHZ/0.25V	28	4.4
YHRH8D43-100MT*	10±20%	100KHZ/0.25V	36	3.8
YHRH8D43-150MT*	15±20%	100KHZ/0.25V	62	2.9
YHRH8D43-220MT*	22±20%	100KHZ/0.25V	75	2.6
YHRH8D43-330MT*	33±20%	100KHZ/0.25V	125	2.2
YHRH8D43-470MT	47±20%	100KHZ/0.25V	203	1.65
YHRH8D43-680MT	68±20%	100KHZ/0.25V	262	1.20
YHRH8D43-101MT	100±20%	100KHZ/0.25V	360	1.40
YHRH8D43-221MT	220±20%	100KHZ/0.25V	422	0.40

YHRH 8D58				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH8D58-2RBNT*	2.8±30%	100KHZ/0.25V	14.7	4.80
YHRH8D58-3R9NT*	3.9±30%	100KHZ/0.25V	16.0	4.18
YHRH8D58-5R0NT*	5.0±30%	100KHZ/0.25V	17.2	3.88
YHRH8D58-6R2NT*	6.2±30%	100KHZ/0.25V	19.6	3.37
YHRH8D58-100MT*	10±20%	100KHZ/0.25V	25.1	2.65
YHRH8D58-150MT*	15±20%	100KHZ/0.25V	35.6	2.35
YHRH8D58-220MT*	22±20%	100KHZ/0.25V	44.4	1.73
YHRH8D58-330MT*	33±20%	100KHZ/0.25V	64.0	1.53
YHRH8D58-470MT*	47±20%	100KHZ/0.25V	88.7	1.22
YHRH8D58-680MT*	68±20%	100KHZ/0.25V	127	1.02
YHRH8D58-101MT*	100±20%	100KHZ/0.25V	172	0.82

YHRH-R SERIES SMD POWER INDUCTORS

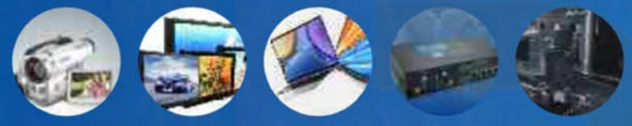
YHRH-R 系列：贴片磁罩屏蔽电感

Technical Characteristics/技术特性：

适合表面贴装　高电流　低DCR　抗干扰能力强

Product Application/产品应用：

录像机、液晶显示器、笔记本电脑、通讯设备、自动化设备等



Product Size/产品尺寸：

常规封装：

YHRH103R \ YHRH104R \ YHRH105R ……

电量感：1uH-1mH

YHRH-R
SERIES SMD POWER INDUCTORS

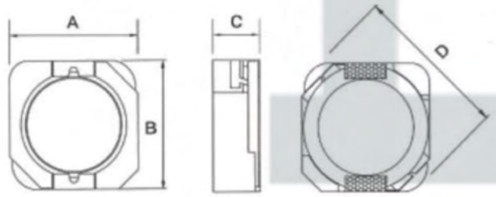
Type Name/型号:YHRH-R Series



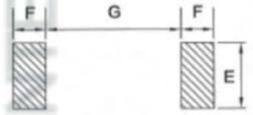
Construction/磁气构造图



Dimensions/外形尺寸图(Unit:mm)



Land Patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE NAME (型名)	A	B	C	D	E	F	G	QTY(MPQ) Pcs/reel 最小包装数(个/盘)
YHRH103R	10.0±0.3	10.2±0.3	2.8±0.3	13.5MAX	3.2REF	1.6REF	7.3REF	1000
YHRH104R	10.0±0.5	10.2±0.3	4.0MAX	13.5MAX	3.4REF	1.8REF	7.3REF	1000
YHRH105R	10.0±0.3	10.2±0.3	5.1MAX	13.5MAX	3.2REF	1.6REF	7.3REF	800

Product Identification/品名注释

(1) (2) (3) (4) (5)

YHRH — 104 — R — 100 — MT

(1) YHRH-R/产品名称
(2) DIMENSION SYMBOL/尺寸表示:
104=10X4MM(WXH)
(3)DIAGONALLY HOOP/对角金属导片

(3) INDUCTANCE VALUE/电感值:
4R7=4.7uH,100=10uH,101=100uH
(4) TOLERANCE/公差:
K=±10%，L=±15%，M=±20%，P=±25%，N=±30%

Specifications/规格

YHRH 103R				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH103R-0R8NT*	0.8±30%	100KHZ/0.25V	11.4	11.20
YHRH103R-1R5NT*	1.5±30%	100KHZ/0.25V	14.7	8.00
YHRH103R-2R2NT*	2.2±30%	100KHZ/0.25V	16.9	6.70
YHRH103R-3R3NT*	3.3±30%	100KHZ/0.25V	21	5.56
YHRH103R-4R7NT*	4.7±30%	100KHZ/0.25V	30	4.65
YHRH103R-6R8NT*	6.8±30%	100KHZ/0.25V	35	3.84
YHRH103R-8R2NT*	8.2±30%	100KHZ/0.25V	50	3.54
YHRH103R-100MT*	10±20%	100KHZ/0.25V	59	3.18
YHRH103R-150MT*	15±20%	100KHZ/0.25V	91	2.60
YHRH103R-220MT*	22±20%	100KHZ/0.25V	143	2.16
YHRH103R-330MT	33±20%	100KHZ/0.25V	202	1.74
YHRH103R-470MT*	47±20%	100KHZ/0.25V	299	1.43
YHRH103R-560MT*	56±20%	100KHZ/0.25V	325	1.36
YHRH103R-680MT*	68±20%	100KHZ/0.25V	429	1.22
YHRH103R-820MT*	82±20%	100KHZ/0.25V	494	1.14
YHRH103R-101MT*	100±20%	100KHZ/0.25V	680	1.02
YHRH103R-121MT*	120±20%	100KHZ/0.25V	750	0.89
YHRH103R-151MT*	150±20%	100KHZ/0.25V	870	0.84

* The saturation current when the inductance decreases to 70%of initial value.(Ta=25C)

YHRH-R
SERIES SMD POWER INDUCTORS

Specifications/规格

YHRH 104R				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH104R-1R5NT*	1.5±30%	100KHZ/0.25V	8.1	10.0
YHRH104R-2R5NT*	2.5±30%	100KHZ/0.25V	10.5	7.50
YHRH104R-3R3NT	3.3±30%	100KHZ/0.25V	20	7.20
YHRH104R-5R2NT*	5.2±30%	100KHZ/0.25V	22	5.50
YHRH104R-7R0NT*	7.0±30%	100KHZ/0.25V	30	4.80
YHRH104R-100MT	10±20%	100KHZ/0.25V	65	3.00
YHRH104R-120MT*	12±20%	100KHZ/0.25V	46	3.70
YHRH104R-150MT*	15±20%	100KHZ/0.25V	55	3.60
YHRH104R-180MT*	18±20%	100KHZ/0.25V	69	3.10
YHRH104R-220MT	22±20%	100KHZ/0.25V	96	2.20
YHRH104R-270MT*	27±20%	100KHZ/0.25V	93	2.60
YHRH104R-330MT*	33±20%	100KHZ/0.25V	123	2.30
YHRH104R-390MT*	39±20%	100KHZ/0.25V	127	2.20
YHRH104R-470MT	47±20%	100KHZ/0.25V	200	1.80
YHRH104R-560MT*	56±20%	100KHZ/0.25V	188	1.65
YHRH104R-680MT	68±20%	100KHZ/0.25V	240	1.50
YHRH104R-820MT	82±20%	100KHZ/0.25V	345	1.25
YHRH104R-101MT	100±20%	100KHZ/0.25V	350	1.20
YHRH104R-121MT*	120±20%	100KHZ/0.25V	430	1.20
YHRH104R-151MT	150±20%	100KHZ/0.25V	650	1.00
YHRH104R-181MT*	180±20%	100KHZ/0.25V	565	1.00
YHRH104R-221MT	220±20%	100KHZ/0.25V	800	0.85
YHRH104R-271MT*	270±20%	100KHZ/0.25V	850	0.84
YHRH104R-331MT	330±20%	100KHZ/0.25V	1500	0.50
YHRH104R-471MT	470±20%	100KHZ/0.25V	2000	0.35

Specifications/规格

YHRH 105R				
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (mΩ)MAX.	Saturation Current 饱和电流(A)※
YHRH105R-1R8NT*	1.8±30%	100KHZ/0.25V	7.6	10.5
YHRH105R-2R7NT*	2.7±30%	100KHZ/0.25V	9.9	8.00
YHRH105R-3R3NT*	3.3±30%	100KHZ/0.25V	13.0	7,80
YHRH105R-4R7NT	4.7±30%	100KHZ/0.25V	27.6	5.20
YHRH105R-6R8NT*	6.8±30%	100KHZ/0.25V	18	5.40
YHRH105R-8R2NT*	8.2±30%	100KHZ/0.25V	25	4.50
YHRH105R-100MT*	10±20%	100KHZ/0.25V	30	4.20
YHRH105R-120MT*	12±20%	100KHZ/0.25V	33	4.00
YHRH105R-150MT	15±20%	100KHZ/0.25V	49	3.60
YHRH105R-180MT*	18±20%	100KHZ/0.25V	46	2.80
YHRH105R-220MT	22±20%	100KHZ/0.25V	85	3.00
YHRH105R-270MT*	27±20%	100KHZ/0.25V	69	2.40
YHRH105R-330MT	33±20%	100KHZ/0.25V	84	2.10
YHRH105R-390MT*	39±20%	100KHZ/0.25V	105	2.15
YHRH105R-470MT	47±20%	100KHZ/0.25V	152	1.80
YHRH105R-560MT	56±20%	100KHZ/0.25V	160	1.45
YHRH105R-680MT	68±20%	100KHZ/0.25V	141	1.50
YHRH105R-820MT*	82±20%	100KHZ/0.25V	227	1.50
YHRH105R-101MT	100±20%	100KHZ/0.25V	260	1.20
YHRH105R-121MT	120±20%	100KHZ/0.25V	300	1.18
YHRH105R-151MT	150±20%	100KHZ/0.25V	360	1.20
YHRH105R-181MT*	180±20%	100KHZ/0.25V	418	0.92
YHRH105R-221MT	220±20%	100KHZ/0.25V	620	0.75
YHRH105R-271MT	270±20%	100KHZ/0.25V	750	0.80
YHRH105R-331MT*	330±20%	100KHZ/0.25V	810	0.68
YHRH105R-391MT*	390±20%	100KHZ/0.25V	950	0.60
YHRH105R-471MT	470±20%	100KHZ/0.25V	1450	0.50
YHRH105R-561MT	560±20%	100KHZ0.25V	1650	0.45
YHRH105R-681MT	680±20%	100KHZ/0.25V	1750	0.40
YHRH105R-821MT*	820±20%	100KHZ/0.25V	1760	0.46
YHRH105R-102MT	1000±20%	100KHZ/0.25V	2050	0.46

YHYT SERIES SMD POWER INDUCTORS

YHYT系列：一体成型电感

Technical Characteristics/技术特性：

一体成型结构　大功率低损耗　低内阻低噪音　低温升大电流

Product Application/产品应用：

各类电源、电脑主板、路由器、投影仪、电子烟、充电桩、车载产品等



Product Size/产品尺寸：

常规封装：

YHYT0420 \ YHYT0520 \ YHYTH0530 \ YHYT0620 \ YHYT0624 \ YHYT0630 \ YHYT0640

YHYT0650 \ YHYT0850 \ YHYT1040 \ YHYT1045 \ YHYT1050 \ YHYT1240 \ YHYT1250

YHYT1260 \ YHYT1265 \ YHYT1770 \ YHYT2213 ……

电量感：0.1uH-330uH

YHYT SERIES SMD POWER INDUCTORS

JBT COMPONENTES ELETRÔNICOS

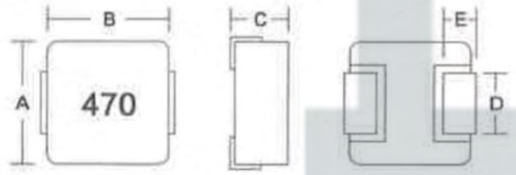
Type Name/型号：YHYT Series



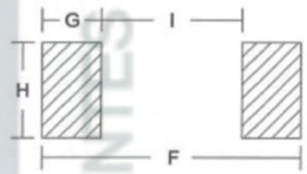
Construction/磁气构造图



Dimensions/外形尺寸图(Unit:mm)



Land Patterns/贴装尺寸



Shape and Size:(Dimensions are in mm)

TYPE NAME (型名)	A	B	C	D	E	F	G	H	I	QTY(MPQ) Pcs/reel 最小包装数(个/盘)
YHYT0420	4.06±0.3	4.49±0.4	2.0MAX	2.0±0.3	1.1±0.3	4.8REF	1.5REF	2.5REF	1.8REF	3000
YHYT0520	5.18±0.3	5.49±0.4	2.0MAX	2.0±0.3	1.2±0.3	5.8REF	1.8REF	2.5REF	2.0REF	3000
YHYT0530	5.18±0.3	5.49±0.4	3.0MAX	2.0±0.3	1.2±0.3	5.8REF	1.8REF	2.5REF	2.0REF	2000
YHYT0620	6.60±0.3	7.20±0.4	2.0MAX	3.0±0.2	1.6±0.3	7.5REF	2.5REF	3.5REF	2.5REF	2000
YHYT0624*	6.60±0.3	7.20±0.4	2.4MAX	3.0±0.2	1.6±0.3	7.5REF	2.5REF	3.5REF	2.5REF	2000
YHYT0630	6.60±0.3	7,20±0.4	3.0MAX	3.0±0.2	1.6±0.3	7.5REF	2.5REF	3.5REF	2.5REF	1000
YHYT0640	6.60±0.3	7.20±0.4	4.0MAX	3.0±0.2	1.6±0.3	7.8REF	2.5REF	3.5REF	2.8REF	1000
YHYT0650	6.60±0.3	7.20±0.4	5.0MAX	3.0±0.2	1.6±0.3	7.8REF	2.5REF	3.5REF	2.8REF	1000
YHYT0850	8.00±0.3	8.80±0.4	5.0MAX	3.0±0.2	18±0.3	9.3REF	2.5REF	3.7REF	4.3REF	1000
YHYT1040	10.3±0.3	10.5±1.0	4.0MAX	3.0±0.3	2.0±0.5	12.0 REF	3.5REF	3.8REF	4.9REF	1000
YHYT1045	10.3±0.3	10.5±1.0	4.5MAX	3.0±03	2.0±0.5	12.0 REF	3.5REF	3.8REF	4.9REF	800
YHYT1050	10.3±0.3	10.5±1.0	5.0MAX	3.0±0.3	2.0±0.5	12.0 REF	3.5REF	3.8REF	4.9REF	800
YHYT1240*	12.8±0.5	13.2±1.0	4.0MAX	3.8±0.3	2.5±0.5	14.5 REF	4.6REF	5.0REF	5.2REF	500
YHYT1250	12.8±0.5	13.2±1.0	5.0MAX	3.8±0.3	2.5±0.5	14.5 REF	4.6REF	5.0REF	5.2REF	500
YHYT1260	12.8±0.5	13.2±1.0	6.0MAX	3.8±0.3	2.5±0.5	14.5 REF	4.6REF	5.0REF	5.2REF	500
YHYT1265	12.8±0.5	13.2±1.0	6.5MAX	3.8±0.3	2.5±0.5	14.5 REF	4.6REF	5.0REF	5.2REF	500
YHYT1770	17.0±0.3	17.5±1.0	7.0MAX	11.9±0.3	2.5±0.5	20.0 REF	3.8REF	13.0REF	12.4REF	300
YHYT2213	22.0±0.5	225±0.5	13.0MAX	18.6±0.3	5.0±0.4	24.5 REF	6.4REF	20.0REF	11.5REF	100

YHYT
SERIES SMD POWER INDUCTORS

Product Identification/品名注释

(1) (2) (3) (4) (5) (6)

YHYT — 0630 — P — 100 — MT — G

(1) YHYT/产品名称

(2) DIMENSION SYMBOL/尺寸表示：0630=7.4X3MM(WXH)

(3) MATERIAL AND FACADE/材质和外观:

P:平面 HP:合金平面 TP:炭基平面 Y:压边

HY:合金压边 TY:炭基压边 TFP:黹基不锈平面

DP:特殊订制平面 CY:混合压边

(4) INDUCTANCE VALUE/电感值:

4R7=4.7UH,100=10UH,101=100UH

(5) TOLERANCE/公差:

K=±10%，L=±15%，M=±20%，P=±25%，N=±30%

(6) SPECIAL CODE/特殊代码:

G:喷漆　　无字母：不喷漆

Specifications/规格

YHYT 0420					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0420HP-R10MT*	0.10±20%	100KHZ/1V	4.4	28	15
YHYT0420HP-R22MT*	0.22±20%	100KHZ/1V	6.4	14	7
YHYT0420HP-R33MT*	0.33±20%	100KHZ/1V	9.6	12	6.5
YHYT0420HP-R47MT*	0.47±20%	100KHZ/1V	17	10	6
YHYT0420HP-R68MT*	0.68±20%	100KHZ/1V	21	8	5
YHYT0420HP-1R0MT	1.00±20%	100KHZ/1V	32	7	4
YHYT0420HP-1R5MT	1.50±20%	100KHZ/1V	42	5	3
YHYT0420HP-2R2MT	2.20±20%	100KHZ/1V	62	5	3
YHYT0420HP-3R3MT	3.30±20%	100KHZ/1V	90	4	2.5
YHYT0420HP-4R7MT	4.70±20%	100KHZ/1V	150	3.5	2.0
YHYT0420HP-6R8MT	6.80±20%	100KHZ/1V	190	3.0	1.8
YHYT0420HP-100MT	10.0±20%	100KHZ/1V	310	2.5	1.5
YHYT0420TP-R47MT-G*	0.47±20%	100KHZ/1V	16	10	5.5
YHYT0420TP-R56MT-G*	0.56±20%	100KHZ/1V	15	9.0	6.0
YHYT0420TP-R68MT-G*	0.68±20%	100KHZ/1V	29	8.5	4.5
YHYT0420TP-1R0MT-G*	1.00±20%	100KHZ/1V	30	8.0	4.0
YHYT0420TP-1R2MT-G*	1.20±20%	100KHZ/1V	40	7.0	4.0
YHYT0420TP-1R5MT-G*	1.50±20%	100KHZ/1V	42	7.0	4.0
YHYT0420TP-2R2MT-G*	2.20±20%	100KHZ/1V	70	6.0	3.5
YHYT0420TP-3R3MT-G*	3.30±20%	100KHZ/1V	100	5.0	2.5
YHYT0420TP-4R7MT-G*	4.70±20%	100KHZ/1V	150	4.0	2.2
YHYT0420TP-5R6MT-G*	5.60±20%	100KHZ/1V	173	3.5	2.0
YHYT0420TP-6R8MT-G*	6.80±20%	100KHZ/1V	178	3.0	1.5
YHYT0420TP-8R2MT-G*	8.20±20%	100KHZ/1V	280	2.5	1.2
YHYT0420TP-100MT-G*	10.0±20%	100KHZ/1V	317	2.5	1.5
YHYT0420TFP-100MT	10.0±20%	100KHZ/1V	317	3.0	1.5

※ 1 The saturation current when the inductance decreases to70%of initial value.(Ta=25℃)

※ 2 The DC current at which the temperature rise is△t=40℃，whichever is smaller(Ta=20℃)

Specifications/规格

YHYT 0520					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0520HP-R22MT*	0.22±20%	100KHZ/1V	6.5	15	11
YHYT0520HP-R68MT	0.68±20%	100KHZ/1V	17.5	11	6
YHYT0520HP-1R0MT	1.00±20%	100KHZ/1V	20.5	8	5
YHYT0520HP-1R5MT*	1.50±20%	100KHZ/1V	21	7	5
YHYT0520HP-2R2MT	2.20±20%	100KHZ/1V	42.5	6	4.5
YHYT0520HP-3R3MT	3.30±20%	100KHZ/1V	90	5.5	3.5
YHYT0520HP-4R7MT	4.70±20%	100KHZ/1V	95	4	2
YHYT0520HP-6R8MT*	6.80±20%	100KHZ/1V	180	4	2
YHYT0520HP-100MT*	10.0±20%	100KHZ/1V	225	3	1.8
YHYT0520TP-R10MT*	0.10±20%	100KHZ/1V	2.6	25	13
YHYT0520TP-R22MT*	0.22±20%	100KHZ/1V	5.3	26	16
YHYT0520TP-R33MT*	0.33±20%	100KHZ/1V	9.5	13	7.5
YHYT0520TP-R47MT*	0.47±20%	100KHZ/1V	13	12.5	8.0
YHYT0520TP-R68MT*	0.68±20%	100KHZ/1V	17	12	6.0
YHYT0520TP-1R0MT*	1.00±20%	100KHZ/1V	19	10	5.0
YHYT0520TP-2R2MT*	2.20±20%	100KHZ/1V	38	6.0	4.0
YHYT0520TP-3R3MT*	3.30±20%	100KHZ/1V	70	4.5	3.0
YHYT0520TP-4R7MT*	4.70±20%	100KHZ/1V	96	4.2	2.8
YHYT0520TP-5R6MT*	5.60±20%	100KHZ/1V	103	4.2	2.5
YHYT0520TP-6R8MT*	6.80±20%	100KHZ/1V	137	4.0	2.2
YHYT0520TP-100MT*	10.0±20%	100KHZ/1V	178	3.0	1.8

YHYT 0530					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0530HP-R47MT	0.47±20%	100KHZ/1V	9.5	16	8
YHYT0530HP-R68MT	0.68±20%	100KHZ/1V	11	12	7
YHYT0530HP-1R0MT	1.00±20%	100KHZ/1V	14	10	6
YHYT0530HP-1R5MT	1.50±20%	100KHZ/1V	22.5	9	5
YHYT0530HP-2R2MT	2.20±20%	100KHZ/1V	35	8	4.5
YHYT0530HP-3R3MT	3.30±20%	100KHZ/1V	38	7.5	4
YHYT0530HP-4R7MT	4.70±20%	100KHZ/1V	60	5	3.5
YHYT0530HP-6R8MT	6.80±20%	100KHZ/1V	105	5	3
YHYT0530HP-100MT	10.0±20%	100KHZ/1V	145	3.5	2
YHYT0530TP-1ROMT-G*	1.00±20%	100KHZ/1V	14	12	6.5
YHYT0530TP-1R2MT-G*	1.20±20%	100KHZ/1V	13	10	6
YHYT0530TP-2R2MT-G*	2.20±20%	100KHZ/1V	33	9	5
YHYT0530TP-3R3MT-G*	3.30±20%	100KHZ/1V	38	8.5	4.5
YHYT0530TP-4R7MT-G	4.70±20%	100KHZ/1V	70	8	4.5
YHYT0530TP-6R8MT-G*	6.80±20%	100KHZ/1V	100	7	4
YHYT0530P-150MT-G	15.0±20%	100KHZ/1V	163	3.5	2.5

YHYT
SERIES SMD POWER INDUCTORS

Specifications/规格

YHYT 0620					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0620HP-R33MT	0.33±20%	100KHZ/1V	7	25	13
YHYT0620HP-R68MT	0.68±20%	100KHZ/1V	15	17	8.5
YHYT0620HP-1R0MT	1.00±20%	100KHZ/1V	25.5	13	7.0
YHYT0620HP-2R2MT	2.20±20%	100KHZ/1V	45	8.0	4.0
YHYT0620TY-R10MT-G*	0.10±20%	100KHZ/1V	3.5	30	16
YHYT0620TY-R33MT-G*	0.33±20%	100KHZ/1V	6.8	24	13
YHYT0620TY-R47MT-G*	0.47±20%	100KHZ/1V	8.0	22	10
YHYT0620TY-R68MT-G*	0.68±20%	100KHZ/1V	12.7	14	7.5
YHYT0620TY-1R0MT-G*	1.00±20%	100KHZ/1V	19.2	12	7.0
YHYT0620TY-1R5MT-G*	1.50±20%	100KHZ/1V	32	10	5.5
YHYT0620TY-2R2MT-G	2.20±20%	100KHZ/1V	38	9.0	5.0
YHYT0620TY-3R3MT-G*	3.30±20%	100KHZ/1V	78	8.0	4.5
YHYT0620TY-4R7MT-G*	4.70±20%	100KHZ/1V	88	5.5	3.5
YHYT0620TY-6R8MT-G*	6.80±20%	100KHZ/1V	140	5.0	3.0
YHYT0620TY-100MT-G*	10.0±20%	100KHZ/1V	180	4.0	2.0

YHYT 0624					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0624Y-R10MT-G*	0.10±20%	100KHZ/1V	3.5	50	30
YHYT0624Y-R22MT-G*	0.22±20%	100KHZ/1V	32	21	12
YHYT0624Y-R47MT-G*	0.47±20%	100KHZ/1V	6.5	18	10
YHYT0624Y-R68MT-G*	0.68±20%	100KHZ/1V	9.4	16	9
YHYT0624Y-R82MT-G*	0.82±20%	100KHZ/1V	11.8	15	8.5
YHYT0624Y-1R0MT-G*	1.00±20%	100KHZ/1V	12	13	8
YHYT0624Y-1R5MT-G*	1.50±20%	100KHZ/1V	17	12	7
YHYT0624Y-2R2MT-G*	2.20±20%	100KHZ/1V	34	10	6
YHYT0624Y-3R3MT-G*	3.30±20%	100KHZ/1V	35	9	5
YHYT0624Y-4R7MT-G*	4.70±20%	100KHZ/1V	50	8	5
YHYT0624Y-6R8MT-G*	6.80±20%	100KHZ/1V	72	6	3
YHYT0624Y-8R2MT-G*	8.20±20%	100KHZ/1V	72	5	2.8
YHYT0624Y-100MT-G*	10.0±20%	100KHZ/1V	106	4	2
YHYT0624Y-150MT-G*	15.0±20%	100KHZ/1V	135	3	1.5

Specifications/规格

YHYT 0630					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0630HP-R22MT*	0.22±20%	100KHZ/1V	4	35	20
YHYT0630HP-R33MT*	0.33±20%	100KHZ/1V	5	22	16
YHYT0630HP-R47MT	0.47±20%	100KHZ/1V	5.5	22	14
YHYT0630HP-R6BMT	0.68±20%	100KHZ/1V	7	18	10
YHYT0630HP-1R0MT	1.00±20%	100KHZ/1V	10	14	8
YHYT0630HP-1R5MT	1.50±20%	100KHZ/1V	12	13	7
YHYT0630HP-2R2MT	2.20±20%	100KHZ/1V	18	10	6
YHYT0630HP-3R3MT	3.30±20%	100KHZ/1V	30	9	5.5
YHYT0630HP-3R9MT	3.90±20%	100KHZ/1V	48	8	5
YHYT0630HP-4R7MT	4.70±20%	100KHZ/1V	42	8	4
YHYT0630HP-5R6MT*	5.60±20%	100KHZ/1V	58	7	4
YHYT0630HP-6R8MT	6.80±20%	100KHZ/1V	60	6	4
YHYT0630HP-100MT	10.0±20%	100KHZ/1V	96	5	3
YHYT0630HP-150MT	15.0±20%	100KH2/1V	130	4	2.5
YHYT0630HP-220MT	22.0±20%	100KHZ/1V	150	3.5	2.0
YHYT0630HP-330MT	33.0±20%	100KHZ/1V	240	2.8	1.5
YHYT0630HP-470MT	47.0±20%	100KHZ/1V	380	2.5	1.2
YHYT0630Y-470MT-G	47.0±20%	100KHZ/1V	3B0	2.5	1.2
YHYT0630P-R33MT-G*	0.33±20%	100KHZ/1V	3.5	30	16
YHYT0630P-R47MT-G*	0.47±20%	100KHZ/1V	4.0	22	15
YHYT0630P-R68MT-G*	0.68±20%	100KHZ/1V	5.8	18	13
YHYT0630P-R82MT-G*	0.82±20%	100KHZ/1V	8.2	16	12
YHYT0630P-1R0MT-G*	1.00±20%	100KHZ/1V	8.6	15	10
YHYT0630P-1R5MT-G*	1.50±20%	100KHZ/1V	12	13	9
YHYT0630P-2R2MT-G*	2.20±20%	100KHZ/1V	16	10	8
YHYT0630P-3R3MT-G*	3.30±20%	100KHZ/1V	22	9	7
YHYT0630P-4R7MT-G*	4.70±20%	100KHZ/1V	38	8	6
YHYT0630P-5R6MT-G*	5.60±20%	100KHZ/1V	50	7.5	5
YHYT0630P-6R8MT-G*	6.80±20%	100KHZ/1V	54	7.0	4
YHYT0630P-8R2MT-G*	8.20±20%	100KHZ/1V	72	6.0	3.5
YHYT0630P-100MT-G	10.0±20%	100KHZ/1V	76	5.0	3.0
YHYT0630P-150MT-G*	15.0±20%	100KHZ/1V	130	4.5	2.5
YHYT0630P-220MT-G	22.0±20%	100KHZ/1V	152	3.5	2.0
YHYT0630P-330MT-G	33.0±20%	100KHZ/1V	222	3.0	1.5
YHYT0630P-101MT-G*	100±20%	100KHZ/1V	858	1.7	1.0
YHYT0630TP-R33MT-G*	0.33±20%	100KHZ/1V	3.5	32	18
YHYT0630TP-R47MT-G*	0.47±20%	100KHZ/1V	4.2	26	15
YHYT0630TP-R68MT-G*	0.68±20%	100KHZ/1V	6.0	25	14

YHYT
SERIES SMD POWER INDUCTORS

Specifications/规格

YHYT 0630					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0630TP-R82MT-G*	0.82±20%	100KHZ/1V	8.5	24	13
YHYT0630TP-1R0MT-G*	1.00±20%	100KHZ/1V	10	22	12
YHYT0630TP-1R5MT-G*	1.50±20%	100KHZ/1V	12	18	10
YHYT0630TP-2R2MT-G*	2.20±20%	100KHZ/1V	20	14	8
YHYT0630TP-3R3MT-G*	3.30±20%	100KHZ/1V	30	13	6.5
YHYT0630TP-4R7MT-G*	4.70±20%	100KHZ/1V	44	10	6
YHYT0630TP-5R6MT-G*	5.60±20%	100KHZ/1V	50	9	5
YHYT0630TP-6R8MT-G*	6.80±20%	100KHZ/1V	60	8	4.5
YHYT0630TP-100MT-G	10.0±20%	100KHZ/1V	90	7	4
YHYT0630TP-470MT-G	47.0±20%	100KHZ/1V	380	2.5	1.9

YHYT 0640					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0640HP-R56MT*	0.56±20%	100KHZ/1V	6	20	12
YHYT0640HP-2R2MT*	2.2±20%	100KHZ/1V	14.5	11	9
YHYT0640HP-3R3MT	3.3±20%	100KHZ/1V	23	10	6
YHYT0640HP-4R7MT*	4.7±20%	100KHZ/1V	36	9	6
YHYT0640HP-100MT*	10.0±20%	100KHZ/1V	85	7.5	3.5
YHYT0640HP-150MT*	15.0±20%	100KHZ/1V	110	6	3
YHYT0640P-R47MT-G*	0.47±20%	100KHZ/1V	3.6	26	15
YHYT0640P-R68MT-G*	0.6B±20%	100KHZ/1V	5.8	18	10
YHYT0640P-1R0MT-G*	1.00±20%	100KHZ/1V	6.6	17	9
YHYT0640P-1R5MT-G*	1.50±20%	100KHZ/1V	10.8	13	8
YHYT0640P-2R2MT-G	2.20±20%	100KHZ/1V	13	12	7
YHYT0640P-3R3MT-G	3.30±20%	100KHZ/1V	18	10	6.5
YHYT0640P-4R7MT-G	4.70±20%	100KHZ/1V	24	8	6
YHYT0640P-6R8MT-G	6.80±20%	100KHZ/1V	49	8	5
YHYT0640P-8R2MT-G*	8.20±20%	100KHZ/1V	70	7	4.0
YHYT0640P-100MT-G	10.0±20%	100KHZ/1V	70	6.5	3.5
YHYT0640P-150MT-G	15.0±20%	100KHZ/1V	77	4.5	3.6
YHYT0640P-220MT-G*	22.0±20%	100KHZ/1V	117	4	2.5
YHYT0640P-330MT-G*	33.0±20%	100KHZ/1V	196	3.5	2.0

Specifications/规格

YHYT 0650					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0650HP-1R0MT	1.00±20%	100KHZ/1V	7.2	15	10
YHYT0650HP-1R5MT	1.50±20%	100KHZ/1V	8.4	15	8
YHYT0650HP-2R2MT	2.20±20%	100KHZ/1V	14	12	8
YHYT0650HP-3R3MT	3.30±20%	100KHZ/1V	21	9	6
YHYT0650HP-4R7MT	4.70±20%	100KHZ/1V	22	9	6
YHYT0650HP-6R8MT	6,80±20%	100KHZ/1V	30	8	5
YHYT0650HP-8R2MT	8.20±20%	100KHZ/1V	61	7	4
YHYT0650HP-100MT	10.0±20%	100KHZ/1V	55	7	4
YHYT0650HP-150MT	15.0±20%	100KHZ/1V	86	6	3.5
YHYT0650HP-220MT	22.0±20%	100KHZ/1V	120	4	3
YHYT0650HP-330MT	33.0±20%	100KHZ/1V	195	3	2
YHYT0650HP-470MT	47.0±20%	100KHZ/1V	246	2.5	1.5
YHYT0650HP-101MT	100±20%	100KHZ/1V	553	2	1
YHYT0650P-R47MT-G*	0.47±20%	100KHZ/1V	4	24	14
YHYT0650P-R68MT-G*	0.68±20%	100KHZ/1V	5.4	20	11
YHYT0650P-R82MT-G*	0.82±20%	100KHZ/1V	7.2	19	10
YHYT0650P-1ROMT-G	1.00±20%	100KHZ/1V	7.2	18	9
YHYT0650P-1R5MT-G	1.50±20%	100KHZ/1V	10	12	8
YHYT0650P-2R2MT-G	2.20±20%	100KHZ/1V	15	12	8
YHYT0650P-3R3MT-G	3.30±20%	100KHZ/1V	16	11	7
YHYT0650P-4R7MT-G	4.70±20%	100KHZ/1V	22	10	6
YHYT0650P-6R8MT-G*	6.80±20%	100KHZ/1V	26.4	9	5
YHYT0650P-8R2MT-G*	8.20±20%	100KHZ/1V	45	8.5	4.5
YHYT0650P-100MT-G	10.0±20%	100KHZ/1V	46	7	4
YHYT0650P-150MT-G	15.0±20%	100KHZ/1V	90	4	3.1
YHYT0650P-220MT-G	22.0±20%	100KHZ/1V	140	3.5	2.5
YHYT0650P-330MT-G	33.0±20%	100KHZ/1V	190	3	2.3
YHYT0650P-470MT-G	47.0±20%	100KHZ/1V	200	2.5	1.5
YHYT0650P-560MT-G	56.0±20%	100KHZ/1V	242	2.5	1.6
YHYT0650P-680MT-G	68.0±20%	100KHZ/1V	322	2.2	1.5
YHYT0650P-470MT-G	47.0±20%	100KHZ/1V	240	3	2

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YHYT 0850					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT0850HP-R56MT*	0.56±20%	100KHZ/1V	4.5	30	20
YHYT0850HP-3R3MT*	3.30±20%	100KHZ/1V	15	13	9
YHYT0850HP-4R7MT*	4.70±20%	100KHZ/1V	21.5	12	8
YHYT0850HP-100MT*	10.0±20%	100KHZ/1V	45	8.5	5.5
YHYT0850HP-150MT*	15.0±20%	100KHZ/1V	71.5	6	4
YHYT0850HP-220MT*	22.0±20%	100KHZ/1V	117	5.5	4
YHYT0850HP-560MT*	56.0±20%	100KHZ/1V	226	3	2
YHYT0850HP=680MT*	68.0±20%	100KHZ/1V	228	2.8	2
YHYT0850P-R82MT-G*	0.82±20%	100KHZ/1V	4.8	24	16
YHYT0850P-1R0MT-G*	1.00±20%	100KHZ/1V	5.6	21	14
YHYT0850P-2R2MT-G	2.20±20%	100KHZ/1V	9	18	11
YHYT0850P-3R3MT-G*	3.30±20%	100KHZ/1V	13	15	10
YHYT0850P-4R7MT-G	4.70±20%	100KHZ/1V	20	14	8
YHYT0850P-6R8MT-G*	6.80±20%	100KHZ/1V	24	11	6
YHYT0850P-100MT-G*	10.0±20%	100KHZ/1V	36	10	5
YHYT0850P-150MT-G*	15.0±20%	100KHZ/1V	55	7.5	4
YHYT0850P-220MT-G	22.0±20%	100KHZ/1V	94	7	3.5
YHYT0850P-330MT-G	33.0±20%	100KHZ/1V	150	5	3
YHYT0850P-470MT-G	47.0±20%	100KHZ/1V	192	4	2.5
YHYT0850P-680MT-G	68.0±20%	100KHZ/1V	208	3	1.5
YHYT0850P-101MT-G	100±20%	100KHZ/1V	326	2	1.2

YHYT 1040					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1040HP-R47MT	0.47±20%	100KHZ/1V	1.8	35	20
YHYT1040HP-R68MT	0.68±20%	100KHZ/1V	2.8	32	16
YHYT1040HP-1R0MT	1.00±20%	100KHZ/1V	3.5	24	15
YHYT1040HP-1R5MT	1.50±20%	100KHZ/1V	6	20	12
YHYT1040HP-2R2MT	220±20%	100KHZ/1V	10	18	11
YHYT1040HP-3R3MT	3.30±20%	100KHZ/1V	12	14	10
YHYT1040HP-4R7MT	4.70±20%	100KHZ/1V	20	13	8
YHYT1040HP-6R8MT	6.80±20%	100KHZ/1V	25	11	5.5
YHYT1040HP-8R2MT	820±20%	100KHZ/1V	40	9	5
YHYT1040HP-100MT*	10.0±20%	100KHZ/1V	40	9	4.5

Specifications/规格

YHYT 1040					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1040HP-150MT	15.0±20%	100KHZ/1V	75	7	4
YHYT1040HP-220MT	22.0±20%	100KHZ/1V	75	5.5	3.5
YHYT1040HP-330MT	33.0±20%	100KHZ/1V	110	5	3
YHYT1040HP-470MT	47.0±20%	100KHZ/1V	180	4	2.5
YHYT1040HP-680MT	68.0±20%	100KHZ/1V	250	3.5	2
YHYT1040HP-101MT	100±20%	100KHZ/1V	380	2.5	1.5
YHYT1040Y-R68MT-G*	0.68±20%	100KHZ/1V	1.9	32	17
YHYT1040Y-R82MT-G*	0.82±20%	100KHZ/1V	24	28	16
YHYT1040Y-1ROMT-G	1.00±20%	100KHZ/1V	2.5	23	15
YHYT1040Y-1R5MT-G	1.50±20%	100KHZ/1V	5.3	22	14
YHYT1040Y-2R2MT-G	220±20%	100KHZ/1V	8	18	11
YHYT1040Y-3R3MT-G	3.30±20%	100KHZ/1V	11.5	16	10
YHYT1040Y-4R7MT-G	4.70±20%	100KHZ/1V	15	13	8.5
YHYT1040Y-5R6MT-G*	5.60±20%	100KHZ/1V	19.2	12	7
YHYT1040Y-6RBMT-G	6.80±20%	100KHZ/1V	22	10	6
YHYT1040Y-8R2MT-G*	8.20±20%	100KHZ/1V	32	10	5.5
YHYT1040Y-100MT-G	10.0±20%	100KHZ/1V	40	8.5	6
YHYT1040Y-150MT-G	15.0±20%	100KHZ/1V	70	7	4
YHYT1040Y-220MT-G	22.0±20%	100KHZ/1V	70	6	3.5
YHYT1040Y-330MT-G	33.0±20%	100KHZ/1V	100	4.5	3.0
YHYT1040Y-470MT-G	47.0±20%	100KHZ/1V	150	3.5	2.5
YHYT1040TP-R22MT-G*	0.22±20%	100KHZ/1V	1	65	35
YHYT1040TP-R33MT-G*	0.33±20%	100KHZ/1V	1,4	63	32
YHYT1040TP-R36MT-G*	0.36±20%	100KHZ/1V	1.4	60	30
YHYT1040TP-R47MT-G*	0.47±20%	100KHZ/1V	1.7	55	28
YHYT1040TP-R56MT-G*	0.56±20%	100KHZ/1V	1.8	49	27,5
YHYT1040TP-R6BMT-G*	0.68±20%	100KHZ/1V	2.4	45	25
YHYT1040TP-1R0MT-G*	1.00±20%	100KHZ/1V	3.7	32	18
YHYT1040TP-1R5MT-G*	150±20%	100KHZ/1V	5.8	27.5	15
YHYT1040TP-2R2MT-G*	220±20%	100KHZ/1V	10	27	12
YHYT1040TP-3R3MT-G*	3.30±20%	100KHZ/1V	12	20	11
YHYT1040TP-4R7MT-G*	4.70±20%	100KHZ/1V	16.5	17	10
YHYT1040TP-100MT-G	10.0±20%	100KHZ/1V	36.5	14	7
YHYT1040TP-150MT-G*	15.0±20%	100KHZ/1V	70	11	7
YHYT1040TP-220MT-G*	22.0±20%	100KHZ/1V	70	7	4

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Specifications/规格

YHYT 1045					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1045HP-680MT	68.0±20%	100KHZ/1V	230	4	2
YHYT1045HP-101MT	100±20%	100KHZ/1V	300	3.5	1.5
YHYT1045CY-220MT-G	22.0±20%	100KHZ/1V	63	6	4.7
YHYT1045CY-470MT-G	47.0±20%	100KHZ/1V	159	5	3.5
YHYT1045CY-6B0MT-G	68.0±20%	100KHZ/1V	215	4	3.1
YHYT1045Y-100MT-G	10.0±20%	100KHZ/1V	38	9	6
YHYT1045Y-220MT-G	22.0±20%	100KHZ/1V	72	5.5	4
YHYT1045Y-330MT-G	33.0±20%	100KHZ/1V	105	5	3.5
YHYT1045Y-470MT-G	47.0±20%	100KHZ/1V	158	4.5	3
YHYT1045Y-680MT-G	68.0±20%	100KHZ/1V	215	4	2.5
YHYT1045Y-101MT-G	100±20%	100KHZ/1V	290	3.5	2

YHYT 1050					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1050HP-2R2MT	2.20±20%	100KHZ/1V	7	20	11
YHYT1050HP-3R3MT*	3.30±20%	100KHZ/1V	8	16	10
YHYT1050HP-4R7MT	4.70±20%	100KHZ/1V	17.5	15	8
YHYT1050HP-5R6MT	5.60±20%	100KHZ/1V	20	14	9
YHYT1050HP-6R8MT*	6.80±20%	100KHZ/1V	27	13	8
YHYT1050HP-100MT	10.0±20%	100KHZ/1V	35	12	6
YHYT1050HP-150MT*	15.0±20%	100KHZ/1V	54	10	5
YHYT1050HP-220MT	22.0±20%	100KHZ/1V	85	8	5
YHYT1050HP-330MT	33.0±20%	100KHZ/1V	90	5	4
YHYT1050HP-470MT	47.0±20%	100KHZ/1V	150	5	3
YHYT1050HP-560MT*	56.0±20%	100KHZ/1V	177	4.5	3
YHYT1050HP-680MT	68.0±20%	100KHZ/1V	210	4	2
YHYT1050HP-101MT	100±20%	100KHZ/1V	280	3.5	2
YHYT1050Y-2R2MT-G	2.20±20%	100KHZ/1V	7	20	11
YHYT1050Y-3R3MT-G*	3.30±20%	100KHZ/1V	7.8	16	10
YHYT1050Y-4R7MT-G*	4.70±20%	100KHZ/1V	12	15	9
YHYT1050Y-6R8MT-G*	6.80±20%	100KHZ/1V	16	13	7.5
YHYT1050Y-100MT-G	10.0±20%	100KHZ/1V	28	12	7
YHYT1050Y-150MT-G*	15.0±20%	100KHZ/1V	42	10	5
YHYT1050Y-220MT-G	22.0±20%	100KHZ/1V	70	8	4.5
YHYT1050Y-330MT-G*	33.0±20%	100KHZ/1V	105	6	4
YHYT1050Y-470MT-G	47.0±20%	100KHZ/1V	152	5.5	3.5
YHYT1050Y-680MT-G	68.0±20%	100KHZ/1V	258	5	3
YHYT1050Y-101MT-G	100±20%	100KHZ/1V	279	4	2.5
YHYT1050Y-151MT-G	150±20%	100KHZ/1V	495	3	1.5
YHYT1050TP-1R0MT-G	1.00±20%	100KHZ/1V	2.8	45	24

Specifications/规格

YHYT 1240					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1240Y-R22MT-G*	0.22±20%	100KHZ/1V	0.9	55	35
YHYT1240Y-R33MT-G*	0.33±20%	100KHZ/1V	1.5	50	30
YHYT1240Y-R47MT-G*	0.47±20%	100KHZ/1V	1.6	45	25
YHYT1240Y-R56MT-G*	0.56±20%	100KHZ/1V	1.8	42	22
YHYT1240Y-R68MT-G*	0.68±20%	100KHZ/1V	2.0	40	20
YHYT1240Y-1R0MT-G*	1.00±20%	100KHZ/1V	3.5	38	18
YHYT1240Y-1R5MT-G*	1.50±20%	100KHZ/1V	5.3	30	15
YHYT1240Y-2R2MT-G*	2.20±20%	100KHZ/1V	6.5	20	12
YHYT1240Y-3R3MT-G*	3.30±20%	100KHZ/1V	8	18	11
YHYT1240Y-4R7MT-G*	4.70±20%	100KHZ/1V	17.5	16	10
YHYT1240Y-5R6MT-G*	5.60±20%	100KHZ/1V	17.5	15	8
YHYT1240Y-6R8MT-G*	6.80±20%	100KHZ/1V	30	11	6
YHYT1240Y-100MT-G*	10.0±20%	100KHZ/1V	33	8	5
YHYT1240Y-220MT-G*	22.0±20%	100KHZ/1V	58	7	4

YHYT 1250					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1250HP-1R0MT	1.00±20%	100KHZ/1V	2.3	36	25
YHYT1250HP-1R5MT*	1.50±20%	100KHZ/1V	4	28	16
YHYT1250HP-3R3MT*	3.30±20%	100KHZ/1V	9	20	11
YHYT1250HP-4R7MT	4.70±20%	100KHZ/1V	9	18	12
YHYT1250HP-6RBMT	6.80±20%	100KHZ/1V	25	16	8
YHYT1250HP-100MT	100±20%	100KHZ/1V	30	11	7
YHYT1250HP-150MT*	150±20%	100KHZ/1V	54	11	6
YHYT1250HP-330MT*	33.0±20%	100KHZ/1V	78	6	3.5
YHYT1250HP-470MT	47.0±20%	100KHZ/1V	135	5	3
YHYT1250HP-680MT*	68.0±20%	100KHZ/1V	180	5	2.5
YHYT1250Y-1R0MT-G*	1.00±20%	100KHZ/1V	25	35	20
YHYT1250Y-1R2MT-G*	1.20±20%	100KHZ/1V	2.6	32	16
YHYT1250Y-1R5MT-G*	1.50±20%	100KHZ/1V	3.1	30	15
YHYT1250Y-2R2MT-G*	2.20±20%	100KHZ/1V	6	26	14
YHYT1250Y-3R3MT-G*	3.30±20%	100KHZ/1V	7.6	24	13
YHYT1250Y-4R7MT-G	4.70±20%	100KHZ/1V	9	18	12
YHYT1250Y-5R6MT-G	5.60±20%	100KHZ/1V	10.5	15	9
YHYT1250Y-6R8MT-G*	6.80±20%	100KHZ/1V	14.4	13	8
YHYT1250Y-8R2MT-G	8.20±20%	100KHZ/1V	22	14	7.5
YHYT1250Y-100MT-G	10.0±20%	100KHZ/1V	24	11	7
YHYT1250Y-150MT-G	15.0±20%	100KHZ/1V	31.2	10	5
YHYT1250Y-220MT-G*	22.0±20%	100KHZ/1V	35	7	4
YHYT1250Y-330MT-G*	33.0±20%	100KHZ/1V	63	6	3
YHYT1250Y-470MT-G*	47.0±20%	100KHZ/1V	102	5	25

YHYT
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Specifications/规格

YHYT 1260					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1260HP-2R2MT*	2.20±20%	100KHZ/1V	4.5	27	14
YHYT1260HP-3R3MT	3.30±20%	100KHZ/1V	10	20	12
YHYT1260HP-4R7MT*	4.70±20%	100KHZ/1V	11	20	12
YHYT1260HP-6R8MT	6.80±20%	100KHZ/1V	15	15	8
YHYT1260HP-8R2MT	8.20±20%	100KHZ/1V	16	14	9
YHYT1260HP-100MT	10.0±20%	100KHZ/1V	22	14	8
YHYT1260HP-150MT*	15.0±20%	100KHZ/1V	29	9	6
YHYT1260HP-220MT*	22.0±20%	100KHZ/1V	39.5	7.5	5
YHYT1260HP-330MT*	33.0±20%	100KHZ/1V	78	9	5
YHYT1260Y-1R0MT-G	1.00±20%	100KHZ/1V	2.6	40	24
YHYT1260Y-4R7MT-G	4.70±20%	100KHZ/1V	9	20	12

YHYT 1265					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1265HP-3R3MT	3.30±20%	100KHZ/1V	8	20	15
YHYT1265HP-4R7MT	4.70±20%	100KHZ/1V	9	20	14
YHYT1265HP-100MT*	10.0±20%	100KHZ/1V	22	14	8
YHYT1265HP-150MT*	15.0±20%	100KHZ/1V	32	13	7
YHYT1265HP-180MT*	18.0±20%	100KHZ/1V	44	13	6
YHYT1265HP-220MT*	22.0±20%	100KHZ/1V	48	11	6
YHYT1265HP-330MT	33.0±20%	100KHZ/1V	75	9	5
YHYT1265HP-470MT	47.0±20%	100KHZ/1V	104	6	4
YHYT1265HP-680MT	68.0±20%	100KHZ/1V	132	5	3
YHYT1265Y-1R0MT-G	1.00±20%	100KHZ/1V	2.5	40	25
YHYT1265Y-1R5MT-G	1.50±20%	100KHZ/1V	2.5	30	20
YHYT1265Y-3R3MT-G	3.30±20%	100KHZ/1V	6	23	15
YHYT1265Y-4R7MT-G	4.70±20%	100KHZ/1V	9	22	14
YHYT1265Y-6R8MT-G	6.80±20%	100KHZ/1V	11	18	10
YHYT1265Y-100MT-G	10.0±20%	100KHZ/1V	15	13	8
YHYT1265Y-150MT-G	15.0±20%	100KHZ/1V	22	12	8
YHYT1265Y-220MT-G	22.0±20%	100KHZ/1V	36	10	6
YHYT1265Y-330MT-G	33.0±20%	100KHZ/1V	53	9	5
YHYT1265Y-470MT-G	47.0±20%	100KHZ/1V	96	6	y
YHYT1265Y-680MT-G	68.0±20%	100KHZ/1V	115	5.5	3
YHYT1265Y-820MT-G*	82.0±20%	100KHZ/1V	118	4.5	2.5
YHYT1265Y-101MT-G	100±20%	100KHZ/1V	118	3.5	3
YHYT1265Y-151MT-G	150±20%	100KHZ/1V	288	4	2.5
YHYT1265Y-181MT-G	180±20%	100KHZ/1V	350	4	2
YHYT1265TY-100MT-G	10.0±20%	100KHZ/1V	17.2	15	10
YHYT1265CY-470MT-G	47.0±20%	100KHZ/1V	96	7	5.3
YHYT1265CY-680MT-G	69.0±20%	100KHZ/1V	93	5.5	3.5

Specifications/规格

YHYT 1770					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT1770Y-2R2MT-G	2.20±20%	100KHZ/1V	4	40	28
YHYT1770Y-6R8MT-G	6.80±20%	100KHZ/1V	6.9	23	15
YHYT1770Y-330MT-G	33.0±20%	100KHZ/1V	35	10	6.5
YHYT1770Y-470MT-G	47.0±20%	100KHZ/1V	47	9	5
YHYT1770Y-680MT-G	68.0±20%	100KHZ/1V	80	8.5	5
YHYT1770TY-3R3MT-G	3.30±20%	100KHZ/1V	4.2	45	25
YHYT1770TY-8R2MT-G	8.20±20%	100KHZ/1V	9.5	27	15
YHYT1770TY-100MT-G	10.0±20%	100KHZ/1V	11	29	16.5
YHYT1770TY-180MT-G	18.0±20%	100KHZ/1V	23	21	9
YHYT1770TY-330MT-G	33.0±20%	100KHZ/1V	40	20	10.7
YHYT1770TY-390MT-G	39.0±20%	100KHZ/1V	44	9	4.5
YHYT1770TY-680MT-G	68.0±20%	100KHZ/1V	80	9	7.5
YHYT1770TY-101MT-G	100±20%	100KHZ/1V	115	12	7

YHYT 2213					
Part No. (品名)	Inductance 电感值(μH)	Test Condition (测试条件)	D.C.R./直流电阻 (Ω)MAX.	Saturation Current 饱和电流(A)※1	Heat Rating Current 温升电流(A)※2
YHYT2213TY-220MT-G	22.0±20%	100KHZ/1V	13	26	17.5
YHYT2213TY-470MT-G	47.0±20%	100KHZ/1V	21.5	10.5	13.5
YHYT2213TY-820MT-G	82.0±20%	100KHZ/1V	40	10.2	9.1
YHYT2213TP-101MT-G	100±20%	100KHZ/1V	45	7	6.5
YHYT2213TP-221MT-G	220±20%	100KHZ/1V	130	6	4.5
YHYT2213TP-401MT-G	400±20%	100KHZ/1V	270	6	4