YPRH-D SERIES

■ Features

- High current Type;
- Ferrite bobbin core and compact size;
- Low core loss for high frequency power application.
- Large terminal surface for good PCB bonding;

■Applications:

- Portable communication equipment;
- Notebook PC,digital carmera,LCD television set;
- Power supply for VTR,OA equipment;
- DC/DC converters。

■ 产品标识：Product Identification

YPRH	□D□□	–	□□□	□
(1)	(2)		(3)	(4)

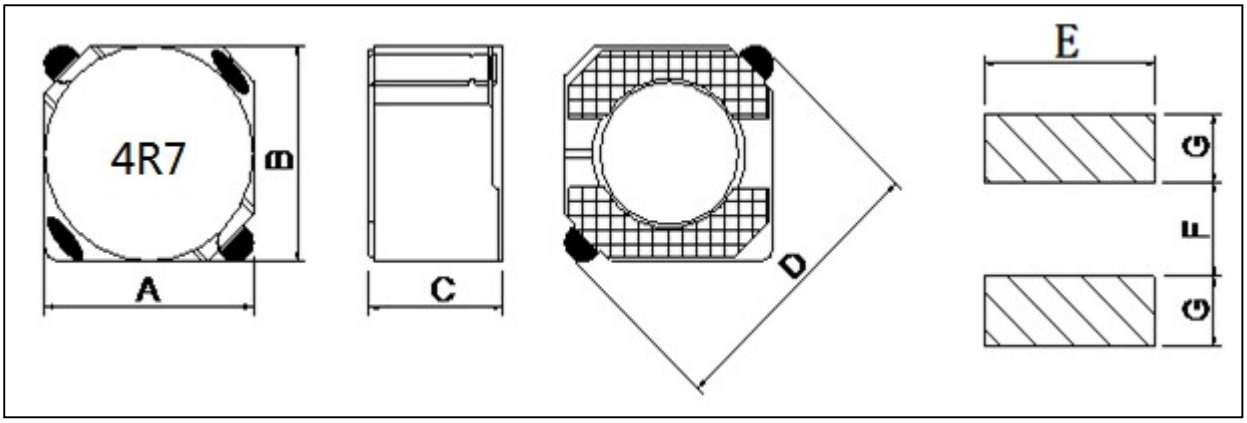
(1)：产品系列号；

(2)：产品尺寸；

(3)：电感值；

(4)：感值误差：N=±30%,M=±20%，L=±15%，K=±10%；

■ *尺寸(单位：mm)*



TYPE	A	B	C	D	E	F	G
YPRH3D16	3.8±0.3	3.8±0.3	1.80MAX	4.15MAX	/	/	/
YPRH3D28	3.9±0.3	3.9±0.3	3.20MAX	5.60MAX	4.6REF	1.4REF	1.6REF
YPRH4D28	4.7±0.3	4.7±0.3	3.00MAX	6.90MAX	5.3REF	1.5REF	1.9REF
YPRH5D18	5.7±0.3	5.7±0.3	2.00MAX	8.2MAX	6.3REF	2.0REF	2.15REF
YPRH5D28	5.7±0.3	5.7±0.3	3.00MAX	8.2MAX	6.3REF	2.0REF	2.15REF
YPRH6D18	6.7±0.3	6.7±0.3	2.00MAX	9.5MAX	7.3REF	2.0REF	2.65REF
YPRH6D28	6.7±0.3	6.7±0.3	3.00MAX	9.5MAX	7.3REF	2.0REF	2.65REF
YPRH6D38	6.7±0.3	6.7±0.3	4.00MAX	9.5MAX	7.3REF	2.0REF	2.65REF
YPRH7D15	7.5±0.3	7.5±0.3	1.55MAX	/	/	/	/
YPRH8D25	8.0±0.3	8.0±0.3	2.5MAX	/	/	/	/
YPRH8D28	8.0±0.3	8.0±0.3	3.0MAX	1.2REF	10.1REF	2.8REF	6.1REF
YPRH8D43	8.0±0.3	8.0±0.3	4.5MAX	/	/	/	/
YPRH10D40	10.1±0.3	10.1±0.5	3.8±0.2	1.2±0.15	3.2REF	7.3REF	1.6REF
YPRH10D50	10.1±0.3	10.1±0.5	5.0±0.2	1.2±0.15	3.6REF	7.3REF	1.7REF

■ YPRH3D16 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH3D16-2R2□	2.20	100KHz	0.084	2.10
YPRH3D16-4R7□	4.70	100KHz	0.112	0.95
YPRH3D16-100□	10.0	100KHz	0.230	0.66
YPRH3D16-220□	22.0	100KHz	0.600	0.40
YPRH3D16-470□	47.0	100KHz	0.930	0.23

■ YP3D28 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH3D28-100□	10.0	100KHz	0.150	0.80
YPRH3D28-470□	47.0	100KHz	0.550	0.60
YPRH3D28-101□	100	100KHz	1.680	0.18

■ YPRH4D28 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH4D28-2R2□	2.20	100KHz	0.0505	2.00
YPRH4D28-6R8□	6.80	100KHz	0.092	1.12
YPRH4D28-220□	22.0	100KHz	0.218	0.70
YPRH4D28-330□	33.0	100KHz	0.285	0.56
YPRH4D28-470□	47.0	100KHz	0.440	0.48
YPRH4D28-680□	68.0	100KHz	0.620	0.35
YPRH4D28-121□	120	100KHz	1.550	0.27
YPRH4D28-221□	220	100KHz	2.100	0.20
YPRH4D28-102□	1000	100KHz	5.500	0.10

■ YPRH5D18 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH5D18-150□	15.0	100KHz	0.204	1.38
YPRH5D18-330□	33.0	100KHz	0.380	0.90

■YPRH5D28 *series*

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH5D28-4R7□	4.70	100KHz	0.036	2.10
YPRH5D28-100□	10.0	100KHz	0.065	1.30
YPRH5D28-220□	22.0	100KHz	0.112	0.90
YPRH5D28-470□	47.0	100KHz	0.250	0.62
YPRH5D28-680□	68.0	100KHz	0.355	0.52
YPRH5D28-101□	100	100KHz	0.580	0.42

■ YPRH6D18 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH6D18-6R8□	6.80	100KHz	0.200	2.00

■ YPRH6D28 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH6D28-2R2□	2.20	100KHz	0.020	4.00
YPRH6D28-3R3□	3.30	100KHz	0.024	3.00
YPRH6D28-6R8□	6.80	100KHz	0.035	2.20

■ YPRH6D38 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH6D38-4R7□	4.70	100KHz	0.024	3.00
YPRH6D38-6R8□	6.80	100KHz	0.031	2.30
YPRH6D38-220□	22.0	100KHz	0.096	1.20
YPRH6D38-470□	47.0	100KHz	0.155	0.85
YPRH6D38-151□	150.0	100KHz	0.520	0.45
YPRH6D38-221□	220.0	100KHz	1.000	0.35

■ YPRH7D15 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH7D15-2R2□	2.20	100KHz	0.028	2.00

■ YPRH8D25 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH8D25-4R7□	4.70	100KHz	0.100	1.50

■ YPRH8D28 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH8D28-100□	10.0	100KHz	0.080	2.70
YPRH8D28-470□	47.0	100KHz	0.360	1.25

■ YPRH8D43 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH8D43-4R7□	4.70	100KHz	0.022	4.60
YPRH8D43-100□	10.0	100KHz	0.040	3.60
YPRH8D43-150□	15.0	100KHz	0.058	2.60
YPRH8D43-470□	47.0	100KHz	0.195	1.40
YPRH8D43-680□	68.0	100KHz	0.240	1.20
YPRH8D43-101□	100	100KHz	0.360	0.90

■ YPRH10D40series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH10D40-4R7□	4.70	100KHz	0.028	6.00
YPRH10D40-100□	10.0	100KHz	0.050	4.40
YPRH10D40-150□	15.0	100KHz	0.070	3.60
YPRH10D40-330□	33.0	100KHz	0.150	2.30
YPRH10D40-390□	39.0	100KHz	0.185	2.20
YPRH10D40-470□	47.0	100KHz	0.134	1.60
YPRH10D40-560□	56.0	100KHz	0.180	1.30
YPRH10D40-101□	100	100KHz	0.410	1.35
YPRH10D40-221□	220	100KHz	0.870	0.92

■ YPRH10D50 series

Part No.	L(uH)	L Test Freq.	DCR(Ω)Max	Rated Current (A)
YPRH10D50-100□	10.0	100KHz	0.030	4.50
YPRH10D50-150□	15.0	100KHz	0.041	3.60
YPRH10D50-220□	22.0	100KHz	0.075	2.40
YPRH10D50-330□	33.0	100KHz	0.081	1.96
YPRH10D50-470□	47.0	100KHz	0.134	1.60
YPRH10D50-221□	220	100KHz	0.540	0.80
YPRH10D50-101□	100	100KHz	0.400	1.70

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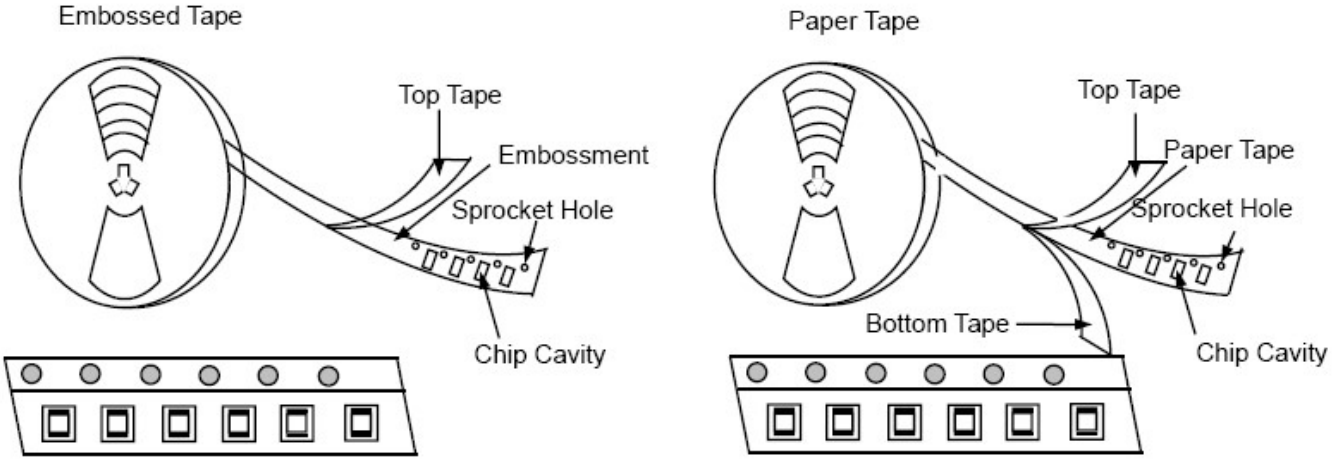
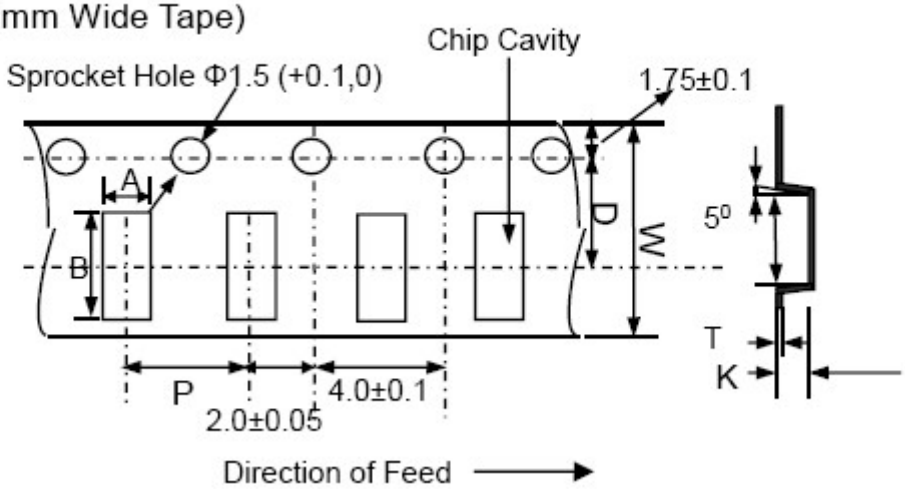
■ 产品包装

■ TAPING DRAWINGS



■ TAPING DIMENSIONS (UNIT: mm)

1. Embossed Tape (8/12mm Wide Tape)



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