

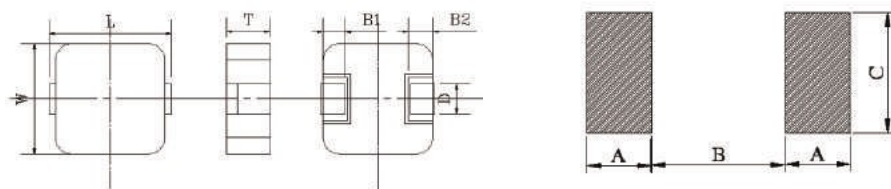


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HIGH POWER INDUCTOR

Figures and Dimensions



Dimensions (mm)						Recommended Land Pattern (mm)		
L	W	T	B1	B2	D	A	B	C
13.8±0.5	12.6±0.3	4.8±0.3	2.5±0.3	3.2±0.2	3.7±0.5	3.5	8.0	4.6

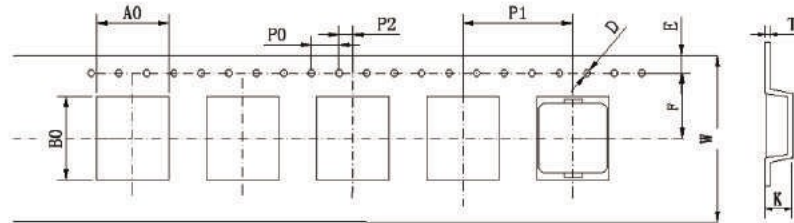
Five physical inductor components are shown, each with a different value: 1R5, R47, 1R0, R68, and 4R7. They are small, rectangular components with a dark surface and a lighter-colored base.

Electrical Characteristics

产品型号 Part Number	电感量 Inductance (μH)@0A	容许容差 Tolerance	直流电阻 Resistance (mΩ) ±7%	饱和电流 Saturation Current Typ.(A)	温升电流 Heat Rating Current Typ.(A)
HPI1260-R44	0.44	±20%	0.8	40.0	38.0
HPI1260-R68	0.68	±20%	1.25	38.0	32.0
HPI1260-1R0	1.00	±20%	1.75	25.0	24.0
HPI1260-1R5	1.50	±20%	2.45	21.0	18.0
HPI1260-2R2	2.20	±20%	3.4	18.0	16.0
HPI1260-3R3	3.30	±20%	7.0	15.0	14.0
HPI1260-4R7	4.70	±20%	8.5	13.0	12.0
HPI1260-5R6	5.60	±20%	10.0	12.0	10.0
HPI1260-6R8	6.80	±20%	12.0	11.0	9.0
HPI1260-8R0	8.00	±20%	14.0	9.5	8.0
HPI1260-100	10.0	±20%	17.5	8.0	7.5
HPI1260-120	12.0	±20%	23.0	8.0	6.0
HPI1260-150	15.0	±20%	30.0	7.5	6.0
HPI1260-220	22.0	±20%	38.0	6.0	5.0
HPI1260-330	33.0	±20%	53.0	5.0	4.0
HPI1260-470	47.0	±20%	82.0	4.3	3.5
HPI1260-680	68.0	±20%	120.0	3.5	3.0
HPI1260-101	100.0	±20%	185.0	3.0	2.5
HPI1260-121	120.0	±20%	220.0	2.5	2.0
HPI1260-151	150.0	±20%	340.0	2.3	2.0

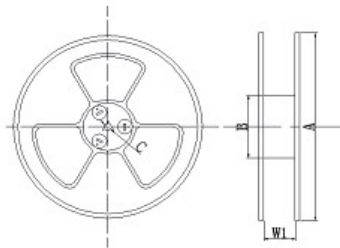
Package

Tape Dimensions (mm)



	A0	B0	W	F	E	P1	P2	P0	D	T	K
12 Series	±0.1	±0.1	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05	±0.1
	13.0	14.0	24	11.5	1.75	16	2.0	4.0	1.5	0.4	H+0.2

Reel Dimensions (mm)



	A	B	C	W1	Quality(pcs/Reel)
12 Series	330	100	13.0	24.0	500