

LPF1260 Series

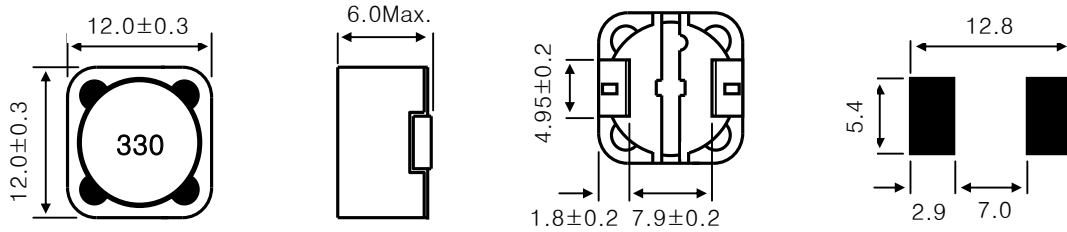


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SMD Shielded type

▼ Shape & Dimensions / Recommended Solder Land Pattern

(Dimensions in mm)



▼ Electrical Characteristics

Ordering Code	Inductance		Freq.	DC Resistance(Ω)	Rated DC current(A)	
	L (uH)	Tol. (%)	F (KHz)	Rdc (Max.)	Idc1 (Max.)	Idc2 (Typ.)
LPF1260T-100M	10	±20	100	0.025	5.0	7.55
LPF1260T-150M	15			0.030	4.0	6.54
LPF1260T-220M	22			0.040	3.5	5.38
LPF1260T-330M	33			0.057	3.0	4.75
LPF1260T-470M	47			0.075	2.5	3.13
LPF1260T-680M	68			0.120	2.0	2.95
LPF1260T-850M	85			0.130	1.7	2.83
LPF1260T-101M	100			0.150	1.5	2.76
LPF1260T-151M	150			0.220	1.2	2.15
LPF1260T-221M	220			0.330	1.0	2.07
LPF1260T-331M	330			0.470	0.8	1.36
LPF1260T-471M	470			0.700	0.7	1.29
LPF1260T-681M	680			1.150	0.6	0.89
LPF1260T-102M	1000			1.400	0.5	0.84

▼ Test Equipments

- . L : Agilent E4980A Precision LCR Meter
- . Rdc : HIOKI 3540 mΩ HiTESTER
- . Idc1 : Agilent 4284A LCR Meter + Agilent 42841A Bias Current Source
- . Idc2 : Yokogawa DR130 Hybrid Recorder + Agilent 6692A DC Power Supply

□ Packing style

T : Taping B : Bulk

▼ Test Condition

- . L(Frequency , Voltage) : F=100 (KHz) , V=0.5 (V)
- . Idc1(The saturation current) : $\Delta L \leq 20\%$ reduction from initial L value
- . Idc2(The temperature rise): $\Delta T = 40^\circ\text{C}$ typical at rated DC current
- ※ Rated DC current(Idc) : The value of Idc1 or Idc2 , whichever is smaller

▼ Operating Temperature Range

-20 ~ +85°C (Including self-generated heat)