

# LPF1260 SERIES

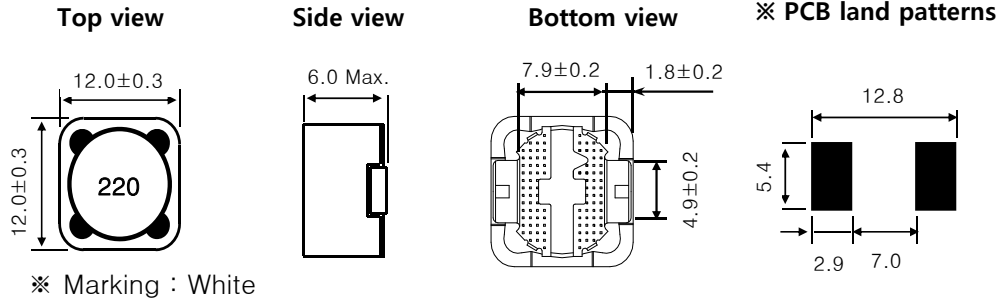


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## LPF1260 SERIES

### ■ SHAPE & DIMENSIONS / RECOMMENDED SOLDER LAND PATTERN

Unit:mm



### ■ ELECTRICAL CHARACTERISTICS

( ) is typical value.

Ordering code	Inductance [μH]	Tolerance (%)	F (kHz)	Rdc Max. (Ω)	Idc1 Max. (A)	Idc2 Typ. (A)
LPF1260T - 1R5N	1.5	± 30	100	0.014	9.9	10.00
LPF1260T - 3R3M	3.3	± 30		0.018	8.9	9.00
LPF1260T - 4R7M	4.7	± 20		0.020	8.5	8.60
LPF1260T - 6R8N	6.8	± 30		0.022	7.2	7.60
LPF1260T - 100M	10.0	± 20		0.025	5.0	7.55
LPF1260T - 150M	15.0	± 20		0.030	4.0	6.54
LPF1260T - 220M	22.0	± 20		0.040	3.5	5.38
LPF1260T - 330M	33.0	± 20		0.057	3.0	4.75
LPF1260T - 470M	47.0	± 20		0.090	2.5	3.13
LPF1260T - 680M	68.0	± 20		0.120	2.0	2.95
LPF1260T - 850M	85.0	± 20		0.130	1.7	2.83
LPF1260T - 101M	100.0	± 20		0.150	1.5	2.76
LPF1260T - 151M	150.0	± 20		0.220	1.2	2.15
LPF1260T - 221M	220.0	± 20		0.330	1.0	2.07
LPF1260T - 331M	330.0	± 20		0.470	0.8	1.36
LPF1260T - 471M	470.0	± 20		0.700	0.7	1.29
LPF1260T - 681M	680.0	± 20		1.150	0.6	0.89
LPF1260T - 102M	1000.0	± 20		1.400	0.5	0.84
LPF1260T - 122M	1200.0	± 20		2.070	0.42	0.60
LPF1260T - 152M	1500.0	± 20		2.460	0.39	0.50
LPF1260T - 222M	2200.0	± 20	3.470	0.35	0.41	

#### ▼ Test Equipments

- Inductance measured : Agilent E4980A Precision LCR Meter or equivalent(100kHz, 0.5V)
- Rdc : HIOKI 3540 mΩ HiTESTER or equivalent
- Idc1(The saturation current) :  $\Delta L \leq 20\%$  reduction from initial L value  
Agilent 4284A LCR Meter + Agilent 42841A Bias Current Source
- Idc2(The temperature rise):  $\Delta T = 40^\circ\text{C}$  typical at rated DC current  
Yokogawa DR130 Hybrid Recorder + Agilent 6692A DC Power Supply
- ※ Rated DC current(Idc) : The value of Idc1 or Idc2 , whichever is smaller

#### ▼ Operating Temperature Range

- 40 ~ +125°C (Including self-generated heat)