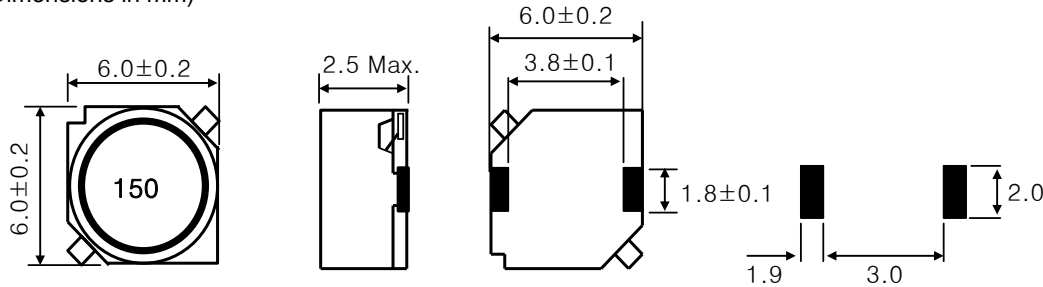


SMD Shielded type

▼ 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 (±20%)	Idc1 (Max.)	Idc2 (Typ.)
LPF6025T-1R5M	1.5	±20	100	0.0150	2.7	3.70
LPF6025T-2R2M	2.2			0.0155	2.2	3.40
LPF6025T-3R3M	3.3			0.0242	1.6	2.80
LPF6025T-4R7M	4.7			0.0306	1.5	2.60
LPF6025T-6R8M	6.8			0.0442	1.3	2.40
LPF6025T-100M	10			0.0573	1.0	2.10
LPF6025T-150M	15			0.0850	0.88	1.60
LPF6025T-220M	22			0.1220	0.73	1.40
LPF6025T-330M	33			0.1800	0.59	1.20
LPF6025T-470M	47			0.2400	0.48	1.00
LPF6025T-680M	68			0.3700	0.42	0.81
LPF6025T-101M	100			0.5000	0.33	0.66

▼ 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) : $\Delta L \leq 30\%$ reduction from initial L value
- . Idc2(The temperature rise): $\Delta T = 25^\circ\text{C}$ 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)