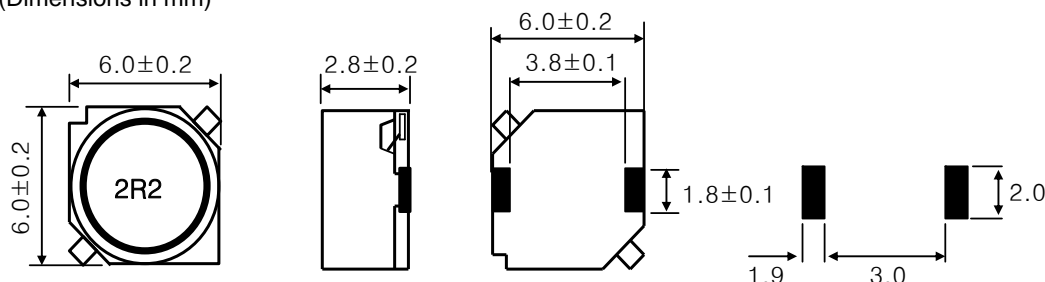


SMD Shielded type

▼ 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.)
LPF6028T-1R5M	1.5	±20	100	0.0145	3.00	3.70
LPF6028T-2R2M	2.2			0.0160	2.50	3.50
LPF6028T-3R3M	3.3			0.0210	2.00	3.30
LPF6028T-4R7M	4.7			0.0284	1.60	3.00
LPF6028T-6R8M	6.8			0.0354	1.50	2.90
LPF6028T-100M	10			0.0532	1.30	2.80
LPF6028T-150M	15			0.0745	1.00	2.30
LPF6028T-220M	22			0.1040	0.77	1.60
LPF6028T-330M	33			0.1480	0.69	1.30
LPF6028T-470M	47			0.2100	0.59	1.10
LPF6028T-680M	68			0.2900	0.50	0.80
LPF6028T-101M	100			0.4300	0.42	0.64
LPF6028T-151M	150			0.6500	0.34	0.60
LPF6028T-181M	180			0.8700	0.31	0.42
LPF6028T-221M	220			0.9800	0.26	0.40

▼ 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)