

LPF6028 Series

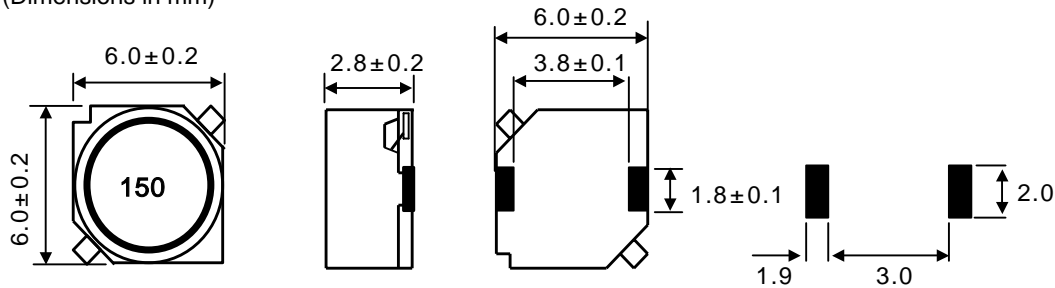


<http://www.abco.co.kr>

SMD Shielded type

Shape & Dimensions / Recommended Solder Land Pattern

(Dimensions in mm)



Electrical Characteristics

Ordering Code	Inductance (uH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (Ω)±20%	Rated DC Current	
					IDC1 (A Max.)	IDC2 (A Ref.)
LPF6028T-1R5M	1.5	±20	100	0.0145	3.00	3.70
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

- . Inductance : Agilent 4284A LCR Meter (100KHz 0.5V)
- . Rdc : HIOKI 3540 mΩ HiTESTER
- . Bias Current : Agilent 4284A + Agilent 42841A
- . IDC1(The saturation current): L= -30% reduction from nominal L value
- . IDC2(The temperature rise): T=25 at rated current

Operating Temperature Range

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