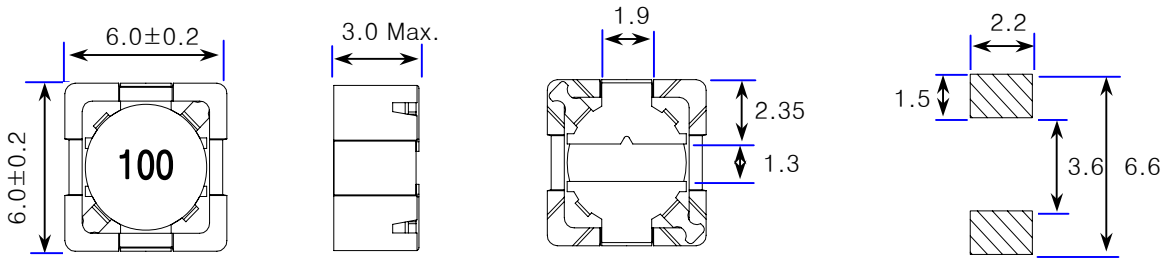
LPF6027 Series

http://www.abco.co.kr

SMD Shielded type

▼*Shape & Dimensions / Recommended Solder Land Pattern*

(Dimensions in mm)



※ Marking : White

▼*Electrical Characteristics*

OrderingCode	Inductance		Frequency	DC Resistance(Ω)	Rated DC current(A)	
	L(uH)	Tol.(%)	F (KHz)	Rdc ±20%	Idc1 (Max.)	Idc2 (Typ.)
LPF6027T-1R0N	1.0	±30	100	0.020	3.60	3.90
LPF6027T-1R5N	1.5			0.021	3.20	3.40
LPF6027T-2R2M	2.2	±20		0.027	3.00	3.20
LPF6027T-3R3M	3.3			0.031	2.60	2.80
LPF6027T-4R7M	4.7			0.049	2.20	2.50
LPF6027T-6R8M	6.8			0.060	1.70	2.10
LPF6027T-100M	10			0.090	1.40	1.80
LPF6027T-150M	15			0.120	1.10	1.40
LPF6027T-220M	22			0.180	0.90	1.20
LPF6027T-330M	33			0.250	0.80	1.00
LPF6027T-470M	47			0.325	0.70	0.90
LPF6027T-680M	68			0.520	0.60	0.80
LPF6027T-101M	100			0.730	0.48	0.60
LPF6027T-151M	150			1.220	0.40	0.45
LPF6027T-181M	180			1.550	0.34	0.42
LPF6027T-221M	220			1.760	0.30	0.40
LPF6027T-331M	330			2.200	0.27	0.35

▼ 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) : △L≤ 20% reduction from initial L value
. Idc2(The temperature rise): △T= 40℃ typical at rated DC current
※ Rated DC current(Idc) : The value of Idc1 or Idc2 , whichever is smaller

▼ Operating Temperature Range

-40 ~ +105℃ (Including self-generated heat)