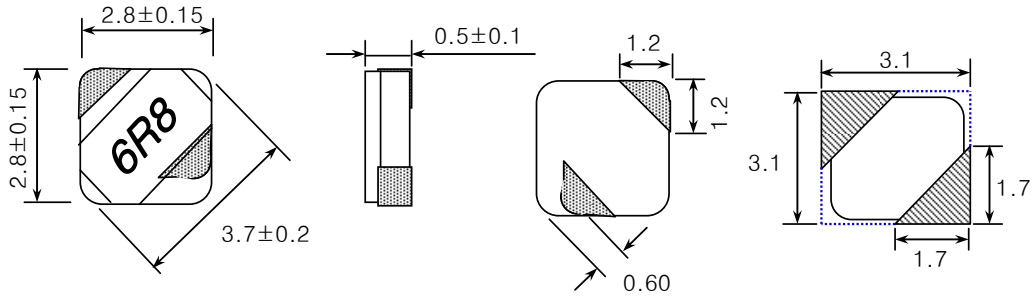
LPF2805 Series

http://www.abco.co.kr

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)		Marking
	L (uH)	Tol. (%)	F (KHz)	Rdc (Max.)	Idc1 (Max.)	Idc2 (Typ.)	
LPF2805T-2R2M	2.2			0.58(0.46)	0.70	0.61	2R2
LPF2805T-3R3M	3.3			0.68(0.56)	0.55	0.53	3R3
LPF2805T-4R7M	4.7	±20	100	0.80(0.75)	0.45	0.51	4R7
LPF2805T-6R8M	6.8			1.15(1.05)	0.40	0.45	6R8
LPF2805T-100M	10			1.45(1.30)	0.35	0.31	100

▼ 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≤ 30% reduction from nominal 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

-30 ~ +85℃ (Including self-generated heat)