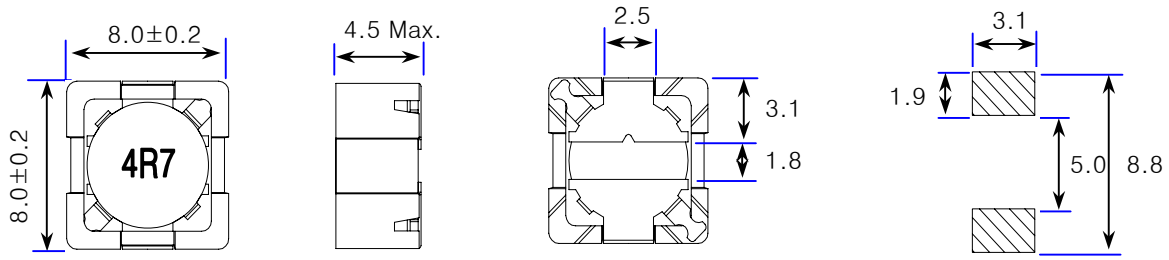
LPF8044 Series

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.)
LPF8044T-1R0N	1.0	±30	100	0.015	6.50	5.10
LPF8044T-1R5N	1.5			0.018	6.40	4.40
LPF8044T-1R8N	1.8			0.022	6.20	4.20
LPF8044T-3R3M	3.3	±20		0.024	6.00	3.60
LPF8044T-4R7M	4.7			0.028	5.30	3.40
LPF8044T-6R8M	6.8			0.033	4.50	3.10
LPF8044T-100M	10			0.050	3.30	2.60
LPF8044T-150M	15			0.060	3.00	2.40
LPF8044T-220M	22			0.080	2.40	2.00
LPF8044T-330M	33			0.132	1.60	1.60
LPF8044T-470M	47			0.170	1.50	1.30
LPF8044T-680M	68			0.260	1.20	1.10
LPF8044T-101M	100			0.390	1.00	0.90
LPF8044T-151M	150			0.657	0.90	0.78
LPF8044T-221M	220			0.932	0.80	0.62
LPF8044T-331M	330			1.230	0.62	0.45
LPF8044T-471M	470			1.937	0.50	0.40
LPF8044T-681M	680			2.773	0.42	0.32
LPF8044T-102M	1000			3.926	0.35	0.26

▼ 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)