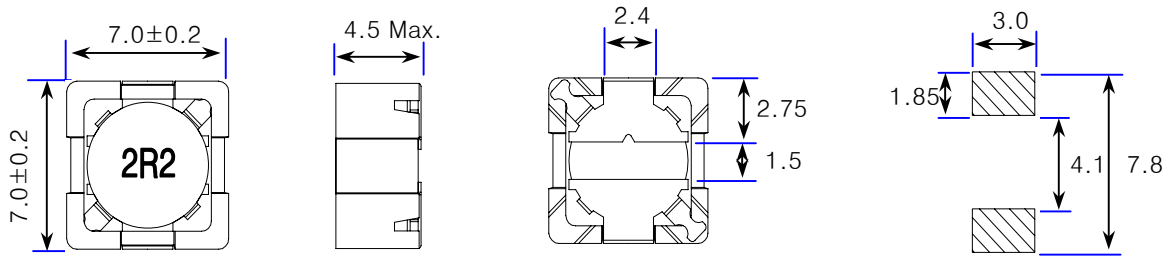
LPF7044 Series

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.)
LPF7044T-1R0N	1.0	±30		0.017	6.90	4.50
LPF7044T-2R2M	2.2			0.022	5.90	4.10
LPF7044T-3R3M	3.3			0.034	4.80	3.60
LPF7044T-4R7M	4.7			0.037	4.00	3.00
LPF7044T-6R8M	6.8			0.042	3.80	2.80
LPF7044T-100M	10			0.069	3.00	2.20
LPF7044T-150M	15			0.095	2.50	1.80
LPF7044T-220M	22			0.114	2.00	1.70
LPF7044T-330M	33			0.160	1.60	1.40
LPF7044T-470M	47	±20	100	0.235	1.20	1.00
LPF7044T-680M	68			0.313	1.10	0.95
LPF7044T-101M	100			0.453	0.90	0.80
LPF7044T-151M	150			0.687	0.80	0.65
LPF7044T-221M	220			1.090	0.70	0.48
LPF7044T-331M	330			1.529	0.50	0.45
LPF7044T-471M	470			2.214	0.48	0.35
LPF7044T-681M	680			3.670	0.40	0.27
LPF7044T-102M	1000			4.450	0.32	0.23

▼ 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)

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before your order and/or use.