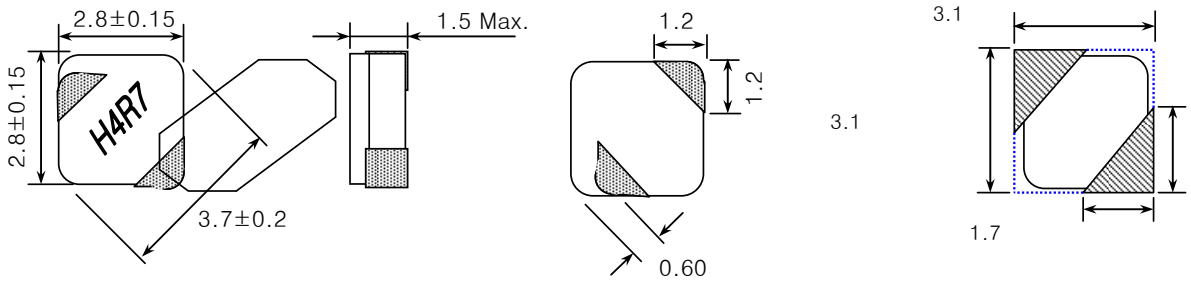
LPF3015-C Series

http://www.abco.co.kr

SMD Shielded type

▼*Shape & Dimensions / Recommended Solder Land Pattern*

(Dimensions in mm)



▼*Electrical Characteristics*

( ) is typical value.

Ordering Code	Inductance		Freq.	DC Resistance(Ω)	Rated DC current(A)		Marking
	L (uH)	Tol. (%)	F (KHz)	Rdc (Max.)	Idc1 (Max.)	Idc2 (Typ.)	
LPF3015T-1R5N-C	1.5	±30	100	0.069(0.062)	1.65	1.65	H1R5
LPF3015T-2R2M-C	2.2	±20		0.098(0.084)	1.40	1.40	H2R2
LPF3015T-3R3M-C	3.3			0.140(0.123)	1.10	1.20	H3R3
LPF3015T-4R7M-C	4.7			0.190(0.172)	0.90	1.10	H4R7
LPF3015T-6R8M-C	6.8			0.290(0.272)	0.85	0.90	H6R8
LPF3015T-100M-C	10			0.410(0.386)	0.68	0.75	H100
LPF3015T-150M-C	15			0.520(0.497)	0.58	0.65	H150
LPF3015T-220M-C	22			0.830(0.764)	0.48	0.50	H220
LPF3015T-330M-C	33			1.250(1.116)	0.35	0.40	H330
LPF3015T-470M-C	47			1.980(1.835)	0.30	0.30	H470

▼ 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≤ 35% 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)