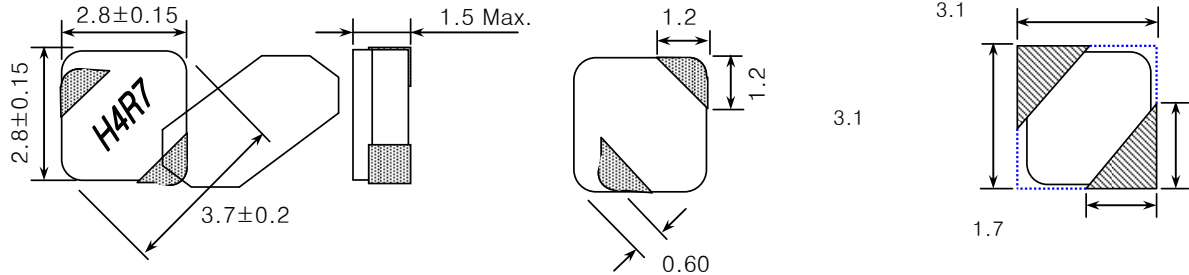


SMD Shielded type

▼ Shape & Dimensions / Recommended Solder Land Pattern

(Dimensions in mm)



▼ Electrical Characteristics

() is typical value.

Ordering Code	Inductance		Freq. F (KHz)	DC Resistance(Ω) Rdc (Max.)	Rated DC current(A)		Marking
	L (uH)	Tol. (%)			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) : $\Delta L \leq 35\%$ reduction from nominal L value
- . Idc2(The temperature rise): $\Delta T = 40^\circ\text{C}$ typical at rated DC current
- * Rated DC current(Idc) : The value of Idc1 or Idc2 , whichever is smaller

▼ Operating Temperature Range

-30 ~ +85°C (Including self-generated heat)