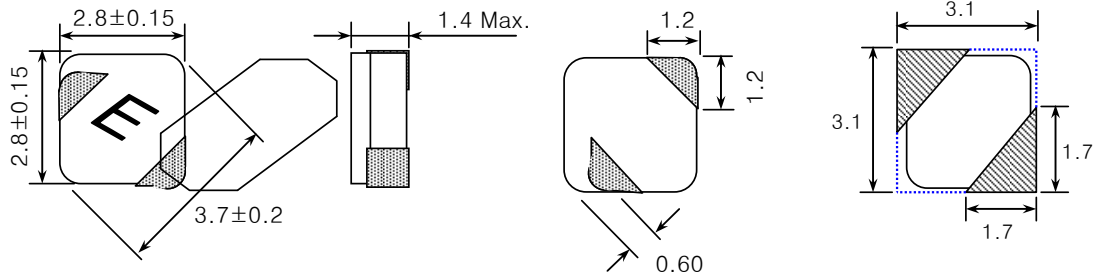


## SMD Shielded type

### ▼ Shape & Dimensions / Recommended Solder Land Pattern

(Dimensions in mm)



### ▼ Electrical Characteristics

( ) is typical value.

Ordering Code	Inductance		Freq. F (KHz)	DC Resistance(Ω) Rdc (±20%)	Rated DC current(A)		Marking
	L (uH)	Tol. (%)			Idc1 (Max.)	Idc2 (Typ.)	
LPF3015T-1R5N	1.5	±30	100	0.041	1.00	2.00	A
LPF3015T-1R8N	1.8			0.050	0.98	1.80	B
LPF3015T-2R2M	2.2	±20		0.053	0.90	1.70	C
LPF3015T-3R3M	3.3			0.087	0.85	1.40	D
LPF3015T-4R7M	4.7			0.116	0.70	1.30	E
LPF3015T-6R8M	6.8			0.145	0.58	1.20	F
LPF3015T-100M	10			0.227	0.45	0.90	H
LPF3015T-150M	15			0.372	0.36	0.80	J
LPF3015T-220M	22	0.456		0.30	0.70	K	
LPF3015T-330M	33	0.825		0.24	0.50	M	
LPF3015T-470M	47	0.963		0.19	0.40	N	
LPF3015T-680M	68	1.583		0.16	0.20	P	

### ▼ 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)