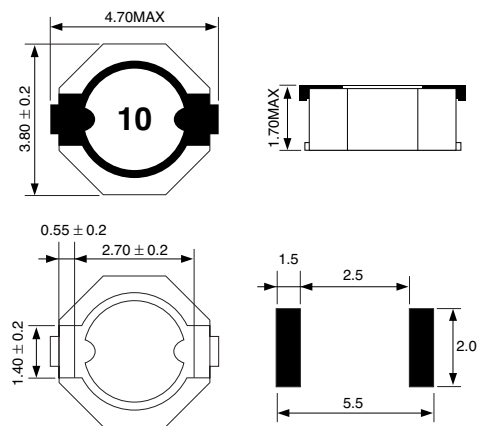


## LPF4017 SERIES

SMD Shielded type

### SHAPES & DIMENSIONS RECOMMENDED PCB PATTERN

(Dimensions in mm)



### ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance (μH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (mΩ)Max ( ) is typical value.	Rated Current(A)		Marking
					IDC1 (Max.)	IDC2 (Ref.)	
LPF4017T-2R2N	2.2	± 30	100	42(36)	1.00	2.10	A
LPF4017T-3R3N	3.3			54(45)	0.92	1.90	B
LPF4017T-3R9N	3.9			78(66)	0.80	1.70	C
LPF4017T-4R7N	4.7			90(75)	0.76	1.50	D
LPF4017T-6R8N	6.8			114(95)	0.62	1.30	E
LPF4017T-100M	10	± 20		156(131)	0.50	1.10	10
LPF4017T-150M	15			240(200)	0.40	0.88	15
LPF4017T-220M	22			348(290)	0.32	0.72	22
LPF4017T-330M	33			504(420)	0.28	0.58	33
LPF4017T-470M	47			744(620)	0.20	0.45	47

### TEST EQUIPMENTS

- Inductance: Agilent 4284A LCR Meter (100KHz 0.5V)
- Rdc: HIOKI 3540 mΩ HiTESTER
- Bias Current: Agilent 4284A + Agilent 42841A
- IDC1(The saturation current):  $\Delta L \leq 30\%$  at rated current
- IDC2(The temperature rise):  $\Delta T = 30^\circ\text{C}$  at rated current

### OPERATING TEMPERATURE RANGE

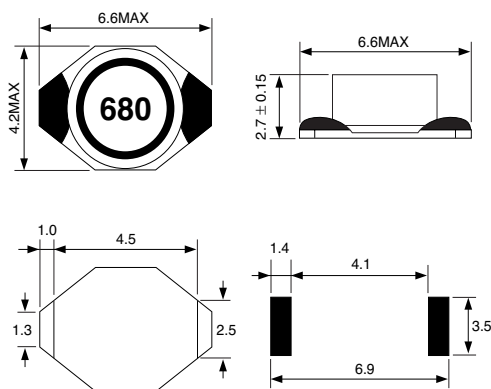
-20 ~ +85°C (Including self-generated heat)

## LPF4027 SERIES

SMD Shielded type

### SHAPES & DIMENSIONS RECOMMENDED PCB PATTERN

(Dimensions in mm)



### ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance (μH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (Ω)Max	Rated Current(A)
LPF4027T-1R5M	1.5	± 20	100	0.045	2.80
LPF4027T-2R2M	2.2			0.050	1.80
LPF4027T-3R3M	3.3			0.055	1.60
LPF4027T-4R7M	4.7			0.060	1.40
LPF4027T-6R8M	6.8			0.065	1.20
LPF4027T-100M	10			0.075	1.00
LPF4027T-150M	15			0.090	0.80
LPF4027T-220M	22			0.11	0.70
LPF4027T-330M	33			0.19	0.60
LPF4027T-470M	47			0.23	0.50
LPF4027T-680M	68	0.29	0.40		
LPF4027T-101M	100	0.48	0.30		
LPF4027T-151M	150	0.59	0.26		
LPF4027T-221M	220	0.77	0.22		
LPF4027T-331M	330	1.4	0.20		
LPF4027T-471M	470	1.8	0.19		
LPF4027T-681M	680	2.2	0.18		
LPF4027T-102M	1000	3.4	0.15		
LPF4027T-152M	1500	4.2	0.12		
LPF4027T-222M	2200	8.5	0.10		
LPF4027T-332M	3300	11.0	0.08		
LPF4027T-472M	4700	13.9	0.06		

### TEST EQUIPMENTS

- Inductance: Agilent 4284A LCR Meter (100KHz 0.5V)
- Rdc: HIOKI 3540 mΩ HiTESTER
- Bias Current: Agilent 4284A + Agilent 42841A
- Temperature rise 30°C at rated current

### OPERATING TEMPERATURE RANGE

-20 ~ +85°C (Including self-generated heat)