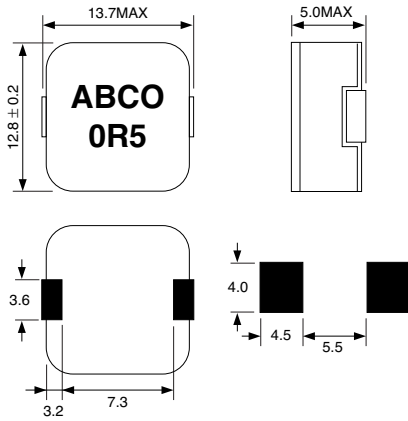


**SHAPES & DIMENSIONS
RECOMMENDED PCB PATTERN**

(Dimensions in mm)



ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance (μH)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (mΩ) Max	Rated Current(A)	
					IDC1 (A Max.)	IDC2 (A Ref.)
LPM1250T-0R5M	0.5	± 20	100	1.5	42	36
LPM1250T-1R0N	1.0	± 30		2.2	33	29
LPM1250T-1R5M	1.5	± 20		3.0	25	25
LPM1250T-2R0M	2.0			4.5	22	18

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): $\Delta L \leq 20\%$ at rated current
- IDC2(The temperature rise): $\Delta T = 40^\circ\text{C}$ at rated current

OPERATING TEMPERATURE RANGE

-20 ~ +105°C (Including self-generated heat)