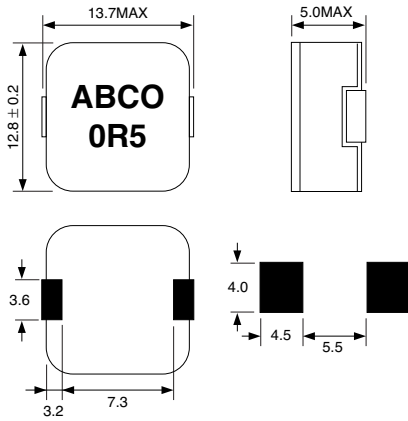


## LPM1250 SERIES

SMD Shielded type

### ■ SHAPES & DIMENSIONS RECOMMENDED PCB PATTERN

(Dimensions in mm)



### ■ ELECTRICAL CHARACTERISTICS

Ordering Code	Inductance ( $\mu$ H)	Inductance TOL.(%)	Test Freq. (KHz)	DC Resistance (m $\Omega$ ) Max	Rated Current(A)	
					IDC1 (A Max.)	IDC2 (A Ref.)
LPM1250T-0R5M	0.5	$\pm 20$	100	1.5	42	36
LPM1250T-1R0N	1.0	$\pm 30$		2.2	33	29
LPM1250T-1R5M	1.5	$\pm 20$		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 m $\Omega$  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)