

LPN1040 Series

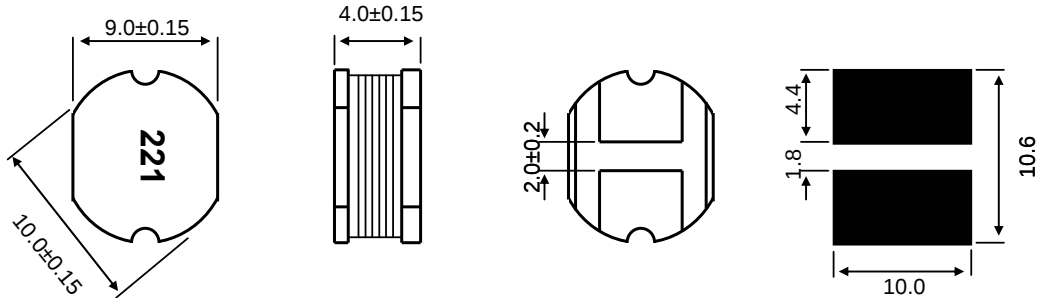


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SMD Nonshielded type

▼ Shape & Dimensions / Recommended Solder Land Pattern

(Dimensions in mm)



▼ Electrical Characteristics

Ordering Code	Inductance		Freq.	DC Resistance(Ω)	Rated DC current(A)
	L (uH)	Tol. (%)	F (KHz)	Rdc (Max.)	
LPN1040T-100K	10	±10	100	0.053	2.38
LPN1040T-150K	15			0.070	1.87
LPN1040T-220K	22			0.088	1.60
LPN1040T-330K	33			0.120	1.26
LPN1040T-470K	47			0.170	1.10
LPN1040T-680K	68			0.223	0.91
LPN1040T-101K	100			0.344	0.74
LPN1040T-151K	150			0.544	0.61
LPN1040T-221K	220			0.721	0.53
LPN1040T-331K	330			1.100	0.42
LPN1040T-471K	470			1.526	0.35

▼ Test Equipments

- . L : Agilent E4980A Precision LCR Meter
- . Rdc : HIOKI 3540 mΩ HiTESTER
- . Idc : Agilent 4284A LCR Meter + Agilent 42841A Bias Current Source

▼ Test Condition

- . L(Frequency , Voltage) : F=100 (KHz) , V=0.5 (V)
- . Idc(The saturation current) : $\Delta L \leq 10\%$ typical at rated current
- ※ Rated DC current : Idc

▼ Operating Temperature Range

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