



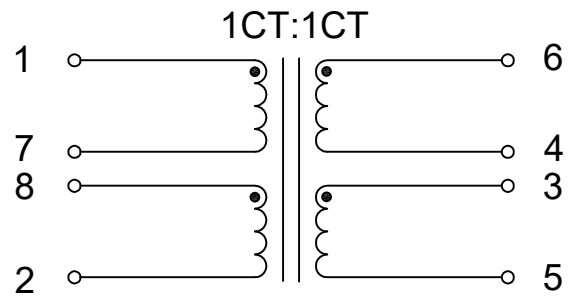
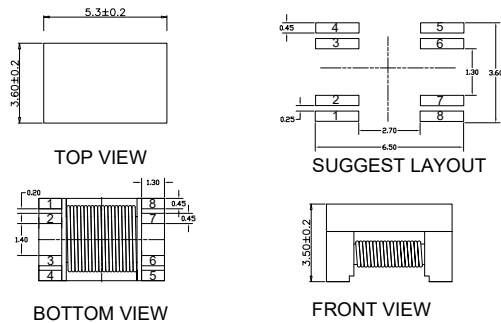
SMD PULSE TRANSFORMER

Meets IEEE 802.3ab Standards.
Designed For 1G BASE-T Applications, Surface Mount Type.
Operating Temperature Range: -40 °C to +125°C.
RoHS Compliant.

Part Number	Electrical Specifications @25°C						
	Turns Ratio (±5%)	OCL(uH Min) @100KHz,0.1V	CWW(pF Max) @100KHz,0.1V	DCR (Ω Max)	Insertion Loss (dB Max)	Return Loss (dB Min)	HI-POT (Vrms)
LC501T(D) T-CND	1CT:1CT	250	35	3.0	-0.8@1-100MHz -1.2@100-125MHz	-18@1-40MHz -14@50MHz -12.5@60MHz -10@80MHz -8@100MHz	1500

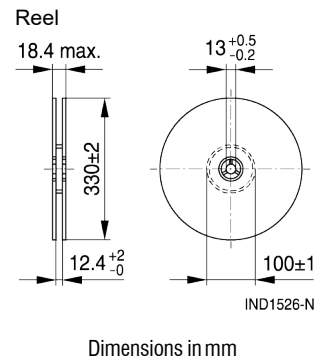
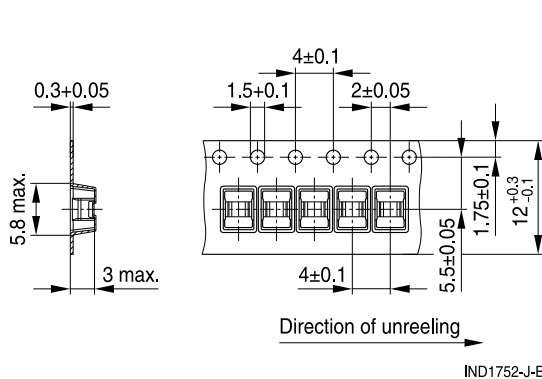
MECHANICAL

SCHEMATICS



Unless otherwise specified all tolerances are:±0.1 in mm

TAPING AND PACKING



Quantity (pcs):
2000 PCS PER REEL
5 REELS PER CARTON
10000 PCS PER CARTON