



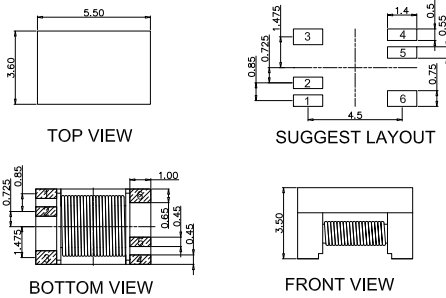
SMD PULSE TRANSFORMER

Meets IEEE 802.3bt Standards.
Designed For 10G BASE-T Applications, Surface Mount Type.
Operating Temperature Range: -40 °C to +125°C. (Including temperature rise)
RoHS Compliant.
1000mA Current Capability.

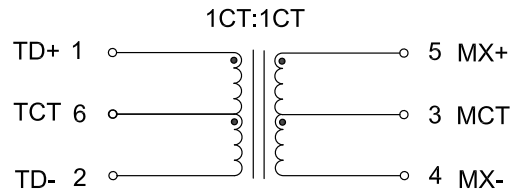


Part Number	Electrical Specifications @25°C						
	Turns Ratio (±5%)	OCL(uH Min) @100KHz, 0.1V With 15mA DC Bias	CWW(pF Max) @100KHz, 0.1V	DCR (Ω Max)	Insertion Loss (dB Max)	Return Loss (dB Min)	HI-POT (Vrms)
MC021G00 H	1CT:1CT	120	35	0.8	-0.5@1-65MHz -0.8@65-125MHz -2.0@125-400MHz -4.5@400-500MHz	-25@1-100MHz -20.5+20.75*Log(F/40) @100-250MHz -12@200-300MHz -9.5@300-400MHz -7.5@400-500MHz	1500

MECHANICAL

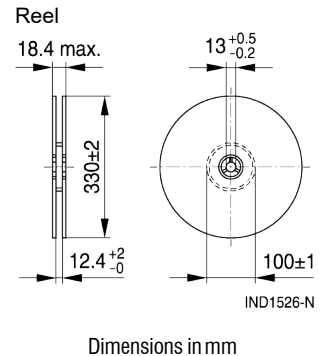
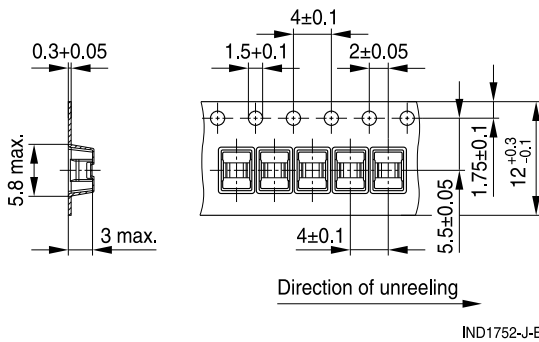


SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

TAPING AND PACKING



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