

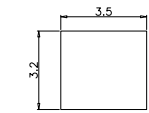


SMD PULSE TRANSFORMER

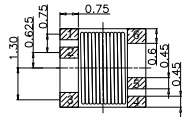
Meets IEEE 802.3an Standards.
Designed For 10G BASE-T Applications, Surface Mount Type.
Operating Temperature Range: -40 °C to +85°C.
RoHS Compliant.

Part Number	Electrical Specifications @25°C						
	Turns Ratio (±5%)	OCL(uH Min) @100KHz, 0.1V With 8mA DC Bias	CWW(pF Max) @100KHz, 0.1V	DCR (Ω Max)	Insertion Loss (dB Max)	Return Loss (dB Min)	HI-POT (Vrms)
MB020G00 T-CND	1CT:1CT	100	35	2.0	-0.5@1-50MHz -1.0@50-125MHz -2.0@125-400MHz	-21@1-40MHz -21+10*Log(F/40) @40-400MHz -9 @400-500MHz	1500

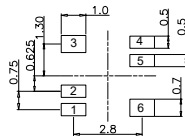
MECHANICAL



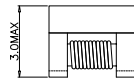
TOP VIEW



BOTTOM VIEW

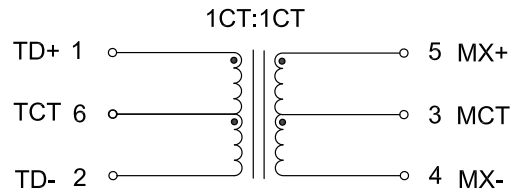


SUGGEST LAYOUT



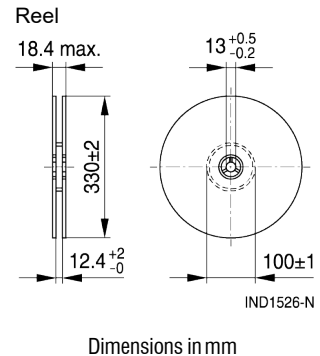
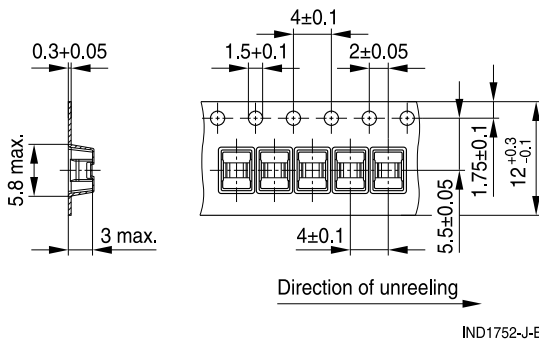
FRONT VIEW

SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

TAPING AND PACKING



Quantity (pcs):
2500 PCS PER REEL
5 REELS PER CARTON
12500 PCS PER CARTON