



SMD PULSE TRANSFORMER

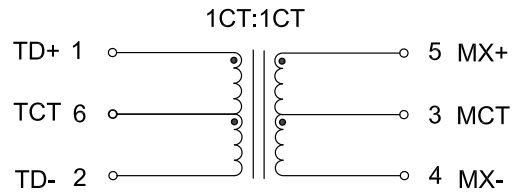
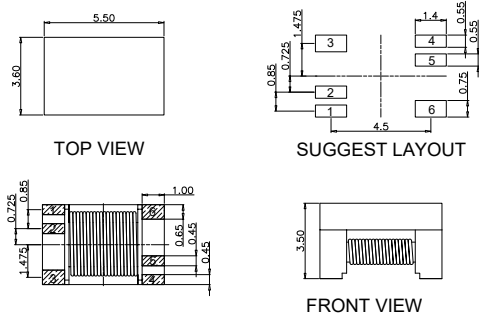
Meets IEEE 802.3at Standards.
Designed For 10G BASE-T Applications, Surface Mount Type.
Operating Temperature Range: -40 °C to +85°C.
RoHS Compliant.
1000mA Current Capability.

Electrical Specifications @25°C

Part Number	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)
STM5536NF-121T T-CND	1CT:1CT	120	35	0.8	-0.5@1-65MHz -0.8@65-125MHz -2.0@125-400MHz -4.5@400-500MHz	-20.5@1-100MHz -20.5+10*Log(F/40) @100-200MHz -12@200-300MHz -9.5@300-400MHz -7.5@400-500MHz	1500

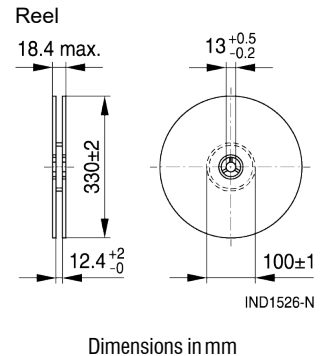
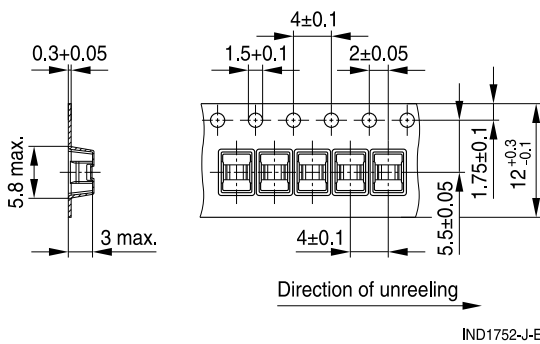
MECHANICAL

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