



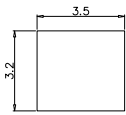
# SMD PULSE TRANSFORMER

Meets IEEE 802.3at Standards.  
Designed For 1G,2.5G/5G BASE-T Applications, Surface Mount Type.  
Operating Temperature Range: -40 °C to +85°C.  
RoHS Compliant.

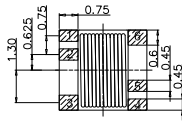


Part Number	Electrical Specifications @25°C						
	Turns Ratio (±5%)	OCL(uH Min) @100KHz,0.1V With 10.8mA DC Bias	CWW(pF Max) @100KHz,0.1V	DCR (Ω Max)	Insertion Loss (dB Max)	Return Loss (dB Min)	HI-POT (Vrms)
FB020G00	1CT:1CT	120	35	3.0	-0.5@1-50MHz -1.0@50-125MHz -2.0@125-250MHz	-18@1-40MHz -18+10*Log(F/40) @40-250MHz	1500

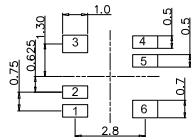
## MECHANICAL



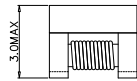
TOP VIEW



BOTTOM VIEW

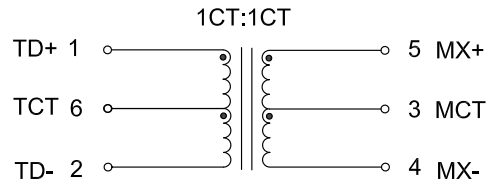


SUGGEST LAYOUT

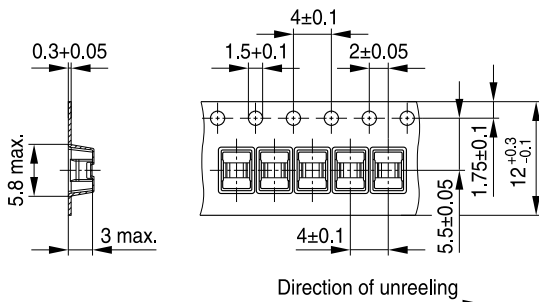


FRONT VIEW

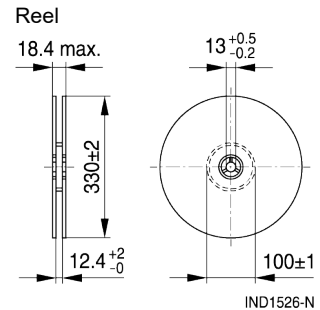
## SCHEMATICS



## TAPING AND PACKING



IND1752-J-E



Dimensions in mm

Quantity (pcs):  
2000 PCS PER REEL  
50 REELS PER CARTON  
100000 PCS PER CARTON

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