



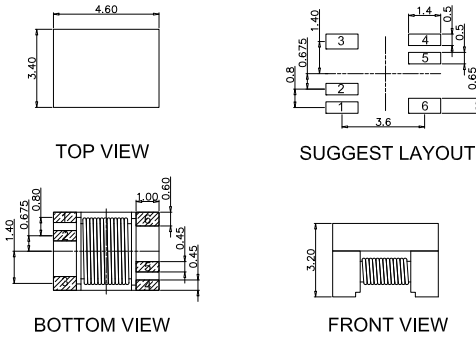
# SMD PULSE TRANSFORMER

Meets IEEE 802.3af Standards.  
Designed For 10G BASE-T Applications, Surface Mount Type.  
Operating Temperature Range: -40 °C to +85°C.  
RoHS Compliant.  
350mA Current Capability

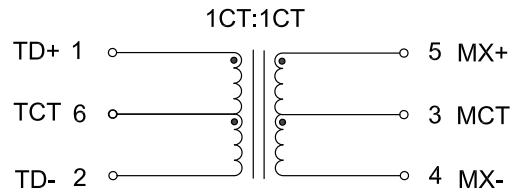
## Electrical Specifications @25°C

| Part Number       | Turns Ratio (±5%) | OCL(uH Min)<br>@100KHz, 0.1V<br>With 8mA<br>DC Bias | CWW(pF Max)<br>@100KHz, 0.1V | DCR (Ω Max) | Insertion Loss (dB Max)                                              | Return Loss (dB Min)                                                                                       | HI-POT (Vrms) |
|-------------------|-------------------|-----------------------------------------------------|------------------------------|-------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------|
| LT4532B-121MMF T6 | 1CT:1CT           | 120                                                 | 35                           | 1.2         | -0.5@1-65MHz<br>-0.8@65-125MHz<br>-2.0@125-400MHz<br>-4.5@400-500MHz | -20.5@1-100MHz<br>-20.5 + 10*Log(F/40) @100-200MHz<br>-12@200-300MHz<br>-9.5@300-400MHz<br>-7.5@400-500MHz | 1500          |

## MECHANICAL

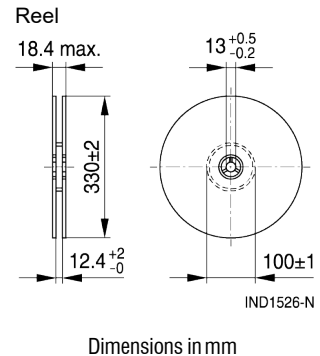
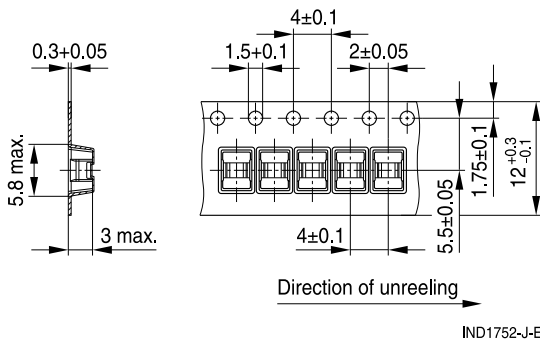


## SCHEMATICS



Unless otherwise specified all tolerances are: ±0.25 in mm

## TAPING AND PACKING



Quantity (pcs):  
2400 PCS PER REEL  
10 REELS PER CARTON  
24000 PCS PER CARTON