



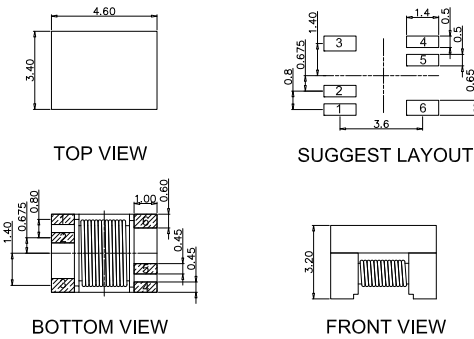
## SMD PULSE TRANSFORMER

Meets IEEE 802.3at Standards.  
Designed For 1G BASE-T Applications, Surface Mount Type.  
Operating Temperature Range: -40 °C to +85°C.  
RoHS Compliant.  
720mA Current Capability

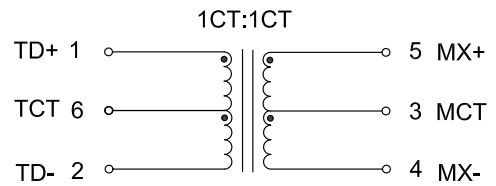
### Electrical Specifications @25°C

| Part Number       | Turns Ratio (±5%) | OCL(μH Min)<br>@100KHz, 0.1V<br>With 15mA DC Bias | CWW(pF Max)<br>@100KHz, 0.1V | DCR (Ω Max) | Insertion Loss (dB Max) | Return Loss (dB Min)                         | HI-POT (Vrms) |
|-------------------|-------------------|---------------------------------------------------|------------------------------|-------------|-------------------------|----------------------------------------------|---------------|
| LT4532B-181MGT T6 | 1CT:1CT           | 180                                               | 35                           | 2.0         | -1.0@1-100MHz           | -18@0.5-40MHz<br>-12+10*Log(F/80) @40-100MHz | 1500          |

### MECHANICAL

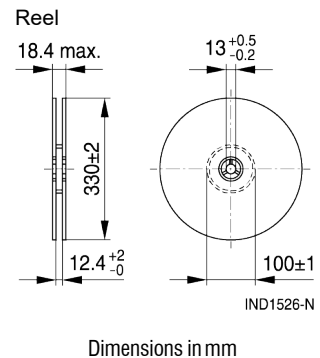
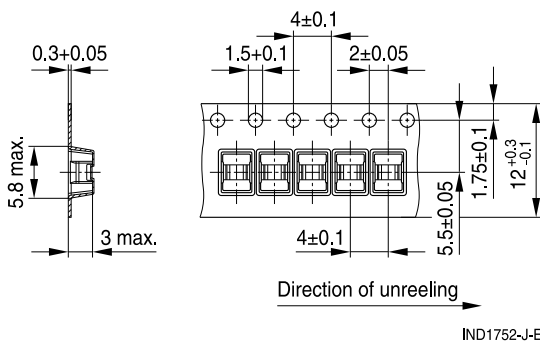


### SCHEMATICS



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