

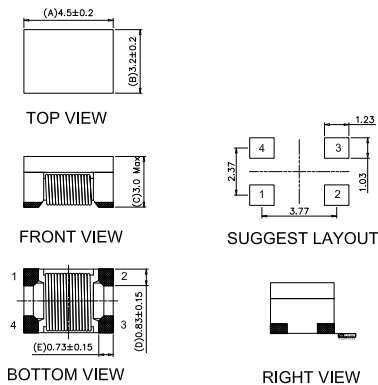


## CHIP COMMON MODE CHOKE

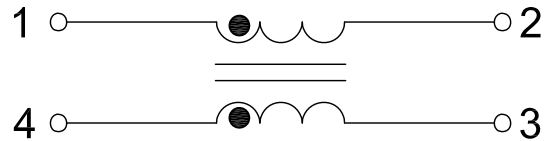
High Common Mode Impedance at High Frequency.  
Excellent Noise Suppression Performance.  
Small Size and Low Profile, Surface Mount Type.  
Operating Temperature Range:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$ .  
RoHS Compliant.  
AEC-Q200 Compliant.

| Part Number         | Electrical Specifications @25°C    |          |                                         |                |                         |                         |                |
|---------------------|------------------------------------|----------|-----------------------------------------|----------------|-------------------------|-------------------------|----------------|
|                     | Common mode Impedance<br>(Ω@10MHz) |          | Common mode Impedance<br>(μH +50%/-30%) | DCR<br>(Ω Max) | Rated Current<br>mA Max | Rated Volt<br>(Vdc Max) | IR<br>M(Ω Min) |
| ACT45B-220-2PTL000H | 500Min                             | 1200Typ. | 22                                      | 1.0            | 200                     | 50                      | 10             |

### MECHANICAL

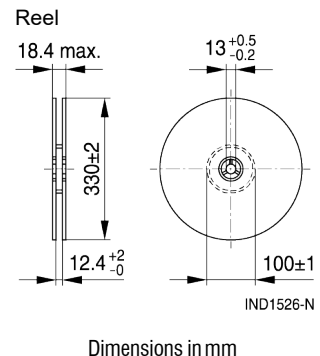
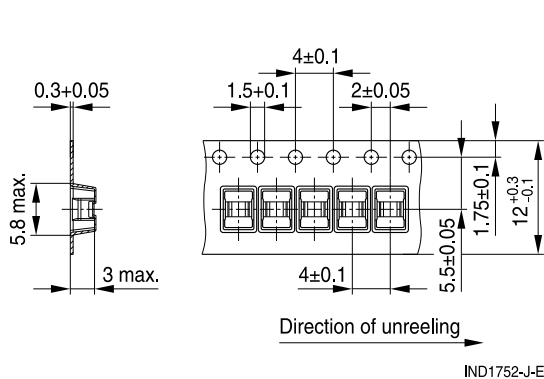


### SCHEMATICS



Unless otherwise specified all tolerances are  $\pm 0.25$  in mm

### TAPING AND PACKING



Quantity (pcs):  
2000 PCS PER REEL  
10 REELS PER CARTON  
20000 PCS PER CARTON