

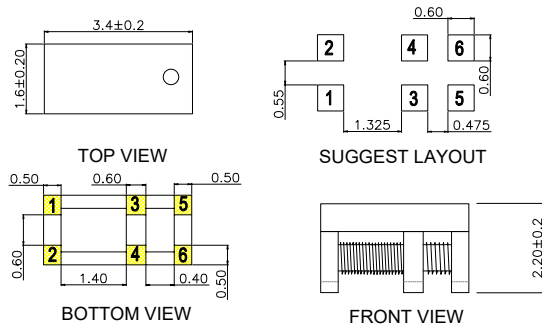


## CHIP LAN FILTER

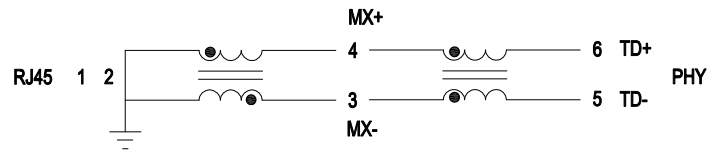
Meets IEEE 802.3 & ANSI X3.263 Standards.  
Designed For 2.5G BASE-T Applications, Surface Mount Type.  
Operating Temperature Range: -40 °C to +85°C.  
RoHS Compliant.

| Part Number   | Electrical Specifications @25°C                   |                                                        |                |                            |                         |                         |                     |                                                          |                |
|---------------|---------------------------------------------------|--------------------------------------------------------|----------------|----------------------------|-------------------------|-------------------------|---------------------|----------------------------------------------------------|----------------|
|               | Inductance<br>100KHz 0.1V<br>(uH Min)<br>1-2to3-4 | Capacitance<br>100K 0.1V<br>(pF Max)<br>1-2-3 to 4-5-6 | DCR<br>(Ω Max) | Insertion Loss<br>(dB Max) | Return Loss<br>(dB Min) | Rated Current<br>mA Max | Rated Volt<br>(Vdc) | Common mode<br>Impedance<br>(ohm ±25%@100M<br>3-4 to 6-5 | IR<br>M(Ω Min) |
| CM3216D25-501 | 55                                                | 20                                                     | 3.0            | -2.0                       | -10                     | 200                     | 50                  | 500                                                      | 10             |

### MECHANICAL

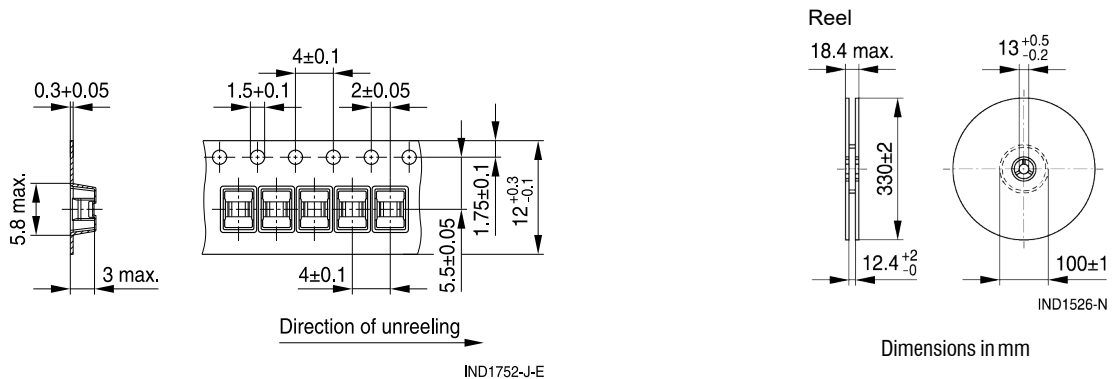


### SCHEMATICS



Unless otherwise specified all tolerances are:±0.25mm

### TAPING AND PACKING



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