



### Features

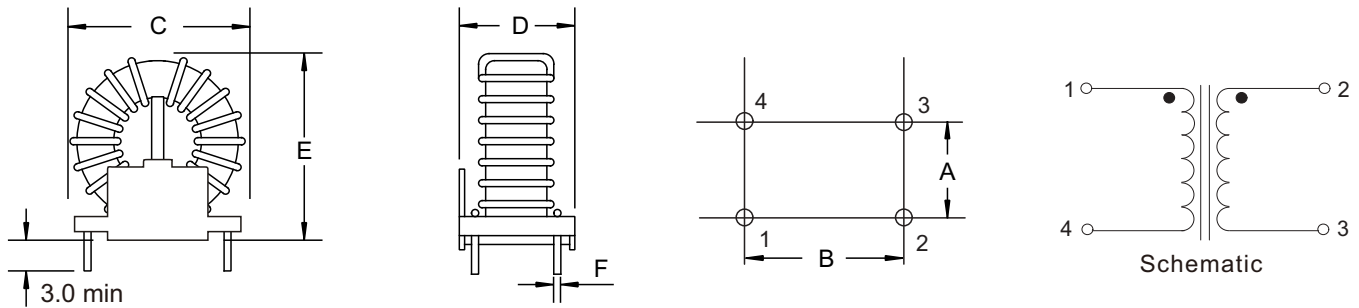
- Low cost
- Dielectric strength: 1500 Vrms
- Fixed pin spacing allow easy PCB insertion
- Operating temperature: -55 to +105°C
- Custom Designs Available

### Application

- DC/DC, AC/DC line noise suppression
- Automotive Systems
- Communication System



## ► Dimensions & Configurations (Unit:mm)



| Type    | A        | B        | C      | D        | E     | F    |
|---------|----------|----------|--------|----------|-------|------|
| CMT2238 | 22.9±0.3 | 38.1±0.3 | 58 max | 28.7 max | 58.00 | 1.30 |

## ► Electrical Characteristics For CMT2238 Series

| Part Number  | Inductance (min) [mH] | Rated Current [A] | DCR(max) [Ω] | Leakage Inductance [uH] Typical |
|--------------|-----------------------|-------------------|--------------|---------------------------------|
| CMT2238-6R0Y | 6                     | 18                | 0.028        | 100                             |
| CMT2238-100Y | 10                    | 15                | 0.033        | 120                             |
| CMT2238-150Y | 15                    | 9                 | 0.060        | 180                             |
| CMT2238-220Y | 22                    | 6                 | 0.117        | 180                             |
| CMT2238-330Y | 33                    | 4.2               | 0.124        | 450                             |
| CMT2238-720Y | 72                    | 2.6               | 0.500        | 600                             |
| CMT2238-121Y | 120                   | 1.5               | 1.150        | 900                             |

1. Inductance is per winding, tested at 10KHz 0.1V
2. Leakage inductance is measured from pin 1 to pin 4 with pins 2 and 3 shorted
3. Electrical specifications at 25°C