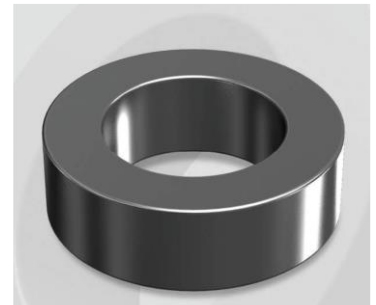


CM508026G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 200 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 300G |
|----------|------------------------|----------------------------------|----------------------|---|
| MPP | 26 | 32 | 49.68 | 20 |

OD : 508



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 50.80 | 2.000 | 51.70 | 2.035 | Black | Box Qty = 96 pcs |
| ID | (min) | 31.75 | 1.250 | 30.90 | 1.217 | | |
| HT | (max) | 13.46 | 0.530 | 14.35 | 0.565 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-----------------------|-----------------|----------------------|------------------------|-------------------------|
| 1.250 cm ² | 12.73 cm | 7.50 cm ² | 15.913 cm ³ | 1,000 |
| 0.194 in ² | 5.01 in | 1,480,166 cmil | 0.971 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 4.950 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 108.52 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 59.57 | 20.23 | 23.62 |

For Your Reference Only

Typical DC Bias Performance

