

CM234160G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ² , max) @ 50kHz, 1000G |
|----------|------------------------|----------------------------------|---------------------|--|
| MPP | 160 | 135 | 77.28 | 290 |

OD : 234



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 23.57 | 0.928 | 24.30 | 0.957 | Black | Box Qty = 750 pcs |
| ID | (min) | 14.40 | 0.567 | 13.77 | 0.542 | | |
| HT | (max) | 8.89 | 0.350 | 9.70 | 0.382 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|------------------------|---------------------|----------------------|------------------------|-------------------------|
| 0.388 cm ² | 5.88 cm | 1.49 cm ² | 2.2814 cm ³ | 1,000 |
| 0.0601 in ² | 2.31 in | 294,060 cmil | 0.1392 in ³ | |

Winding Information

| | | |
|--|------|-------|
| 0% Winding length/turn (cm) | | |
| 2.993 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 26.78 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 27.76 | 9.02 | 13.81 |

Typical DC Bias Performance

