

CM172147G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ² , max) @ 50kHz, 1000G |
|----------|------------------------|----------------------------------|---------------------|--|
| MPP | 147 | 105 | 77.28 | 290 |

OD : 172



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 17.27 | 0.680 | 18.03 | 0.710 | Black | Box Qty = 1,960 pcs |
| ID | (min) | 9.65 | 0.380 | 9.02 | 0.355 | | |
| HT | (max) | 6.35 | 0.250 | 7.11 | 0.280 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|------------------------|---------------------|-----------------------|-------------------------|-------------------------|
| 0.232 cm ² | 4.14 cm | 0.638 cm ² | 0.9605 cm ³ | 1,000 |
| 0.0360 in ² | 1.63 in | 125,913 cmil | 0.05861 in ³ | |

Winding Information

| | | |
|--|------|------|
| 0% Winding length/turn (cm) | | |
| 2.323 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 13.91 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 20.24 | 5.90 | 9.77 |

For Your Reference Only

Typical DC Bias Performance

