

CM096147G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ² , max) @ 50kHz, 1000G |
|----------|------------------------|----------------------------------|---------------------|--|
| MPP | 147 | 63 | 77.28 | 290 |

OD : 096



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 9.65 | 0.380 | 10.29 | 0.405 | Black | Box Qty = 8,000 pcs |
| ID | (min) | 4.78 | 0.188 | 4.27 | 0.168 | | |
| HT | (max) | 3.18 | 0.125 | 3.81 | 0.150 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|------------------------|-----------------|------------------------|------------------------|-------------------------|
| 0.0752 cm ² | 2.18 cm | 0.1429 cm ² | 0.1639 cm ³ | 1,000 |
| 0.0117 in ² | 0.86 in | 28,202 cmil | 0.0100 in ³ | |

Winding Information

| | | |
|--|------|------|
| 0% Winding length/turn (cm) | | |
| 1.364 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 4.14 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 11.32 | 2.79 | 5.07 |

For Your Reference Only

Typical DC Bias Performance

