

CM1333125G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 100G |
|----------|------------------------|----------------------------------|---------------------|---|
| MPP | 125 | 422 | 80.04 | 2.2 |

OD : 1333



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-----------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 132.5 | 5.217 | 134.2 | 5.283 | Black | Box Qty = 3 pcs |
| ID | (min) | 78.6 | 3.094 | 77.0 | 3.031 | | |
| HT | (max) | 33.0 | 1.299 | 34.4 | 1.354 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-----------------------|---------------------|-----------------------|------------------------|-------------------------|
| 8.72 cm ² | 32.42 cm | 46.57 cm ² | 282.61 cm ³ | 1,000 |
| 1.351 in ² | 12.76 in | 9,190,102 cmil | 17.245 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 12.600 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 698.47 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 153.59 | 50.41 | 57.39 |

Typical DC Bias Performance

