

CS1016090G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 30 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 100G |
|----------|------------------------|----------------------------------|---------------------|---|
| SENDUST | 90 | 164 | 64.4 | 2.4 |

OD : 1016



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 101.60 | 4.000 | 103.10 | 4.059 | Black | Box Qty = 12 pcs |
| ID | (Min) | 57.20 | 2.252 | 55.70 | 2.193 | | |
| HT | (Max) | 16.50 | 0.650 | 17.80 | 0.701 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-----------------------|-----------------|-----------------------|-----------------------|-------------------------|
| 3.522 cm ² | 24.3 cm | 24.37 cm ² | 85.48 cm ³ | 1,000 |
| 0.546 in ² | 9.56 in | 4,808,939 cmil | 5.216 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 8.300 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 359.37 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 116.93 | 36.46 | 34.34 |

For Your Reference Only

Typical DC Bias Performance

