

CS102125G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 12% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 1000G |
|----------|------------------------|-----------------------------------|---------------------|--|
| SENDUST | 125 | 66 | 64.4 | 320 |

OD : 102



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 10.16 | 0.400 | 10.80 | 0.425 | Black | Box Qty = 8,000 pcs |
| ID | (min) | 5.08 | 0.200 | 4.57 | 0.180 | | |
| HT | (max) | 3.96 | 0.156 | 4.57 | 0.180 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|-----------------|------------------------|------------------------|-------------------------|
| 0.1000 cm ² | 2.38 cm | 0.1640 cm ² | 0.2380 cm ³ | 1,000 |
| 0.01550 in ² | 0.937 in | 32,366 cmil | 0.0145 in ³ | |

Winding Information

| | | |
|--|------|------|
| 0% Winding length/turn (cm) | | |
| 1.537 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 4.85 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 11.91 | 2.99 | 5.91 |

For Your Reference Only

Typical DC Bias Performance

