

CH112125G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 1000G |
|-----------|------------------------|----------------------------------|---------------------|----------------------------------------------------|
| High Flux | 125 | 53 | 84.64 | 340 |

OD : 112



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 11.18 | 0.440 | 11.90 | 0.469 | Black | Box Qty = 6,000 pcs |
| ID | (min) | 6.35 | 0.250 | 5.89 | 0.232 | | |
| HT | (max) | 3.96 | 0.156 | 4.72 | 0.186 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|---------------------|-----------------------|------------------------|-------------------------|
| 0.0906 cm ² | 2.69 cm | 0.273 cm ² | 0.2437 cm ³ | 1,000 |
| 0.01404 in ² | 1.059 in | 53,878 cmil | 0.0149 in ³ | |

Winding Information

| | | |
|----------------------------------------------------|------|------|
| 0% Winding length/turn (cm) | | |
| 1.545 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 6.05 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 13.34 | 3.86 | 6.46 |

Typical DC Bias Performance

