

CH571147G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ² , max) @ 50kHz, 500G |
|-----------|------------------------|----------------------------------|---------------------|---|
| High Flux | 147 | 306 | 82.80 | 110 |

OD : 571



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 57.15 | 2.250 | 58.00 | 2.283 | Black | Box Qty = 77 pcs |
| ID | (min) | 26.39 | 1.039 | 25.60 | 1.008 | | |
| HT | (max) | 15.24 | 0.600 | 16.10 | 0.634 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|-----------------|----------------------|-------------------------|-------------------------|
| 2.290 cm ² | 12.50 cm | 5.14 cm ² | 28.6250 cm ³ | 1,000 |
| 0.35495 in ² | 4.921 in | 1,014,407 cmil | 1.7467 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 6.460 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 120.40 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 64.20 | 16.75 | 23.62 |

For Your Reference Only

Typical DC Bias Performance

