

CH203147G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 1000G |
|-----------|------------------------|----------------------------------|---------------------|--|
| High Flux | 147 | 81 | 82.80 | 350 |

OD : 203



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 20.32 | 0.800 | 21.10 | 0.831 | Black | Box Qty = 1,368 pcs |
| ID | (min) | 12.70 | 0.500 | 12.07 | 0.475 | | |
| HT | (max) | 6.35 | 0.250 | 7.11 | 0.280 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|---------------------|-----------------------|------------------------|-------------------------|
| 0.226 cm ² | 5.09 cm | 1.140 cm ² | 1.1503 cm ³ | 1,000 |
| 0.03503 in ² | 2.004 in | 224,985 cmil | 0.0702 in ³ | |

Winding Information

| | | |
|--|------|-------|
| 0% Winding length/turn (cm) | | |
| 2.325 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 18.95 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 24.13 | 7.89 | 10.72 |

Typical DC Bias Performance

