

CH229147G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ² , max) @ 50kHz, 1000G |
|-----------|------------------------|----------------------------------|---------------------|--|
| High Flux | 147 | 106 | 82.80 | 350 |

OD : 229



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 22.86 | 0.900 | 23.62 | 0.930 | Black | Box Qty = 850 pcs |
| ID | (min) | 13.97 | 0.550 | 13.39 | 0.527 | | |
| HT | (max) | 7.62 | 0.300 | 8.38 | 0.330 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|---------------------|----------------------|------------------------|-------------------------|
| 0.331 cm ² | 5.67 cm | 1.41 cm ² | 1.8768 cm ³ | 1,000 |
| 0.05131 in ² | 2.232 in | 278,271 cmil | 0.1145 in ³ | |

Winding Information

| | | |
|--|------|-------|
| 0% Winding length/turn (cm) | | |
| 2.699 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 24.13 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 26.99 | 8.77 | 12.37 |

For Your Reference Only

Typical DC Bias Performance

