

CH1027026G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 50 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 100G |
|-----------|------------------------|----------------------------------|---------------------|---|
| High Flux | 26 | 80 | 86.48 | 4.5 |

OD : 1027



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-----------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 101.60 | 4.000 | 103.10 | 4.059 | Black | Box Qty = 8 pcs |
| ID | (min) | 57.20 | 2.252 | 55.70 | 2.193 | | |
| HT | (max) | 27.20 | 1.071 | 28.50 | 1.122 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|---------------------|-----------------------|-------------------------|-------------------------|
| 5.944 cm ² | 24.27 cm | 24.37 cm ² | 144.261 cm ³ | 1,000 |
| 0.92132 in ² | 9.555 in | 4,808,939 cmil | 8.8028 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 10.440 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 410.93 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 116.93 | 36.46 | 45.04 |

For Your Reference Only

Typical DC Bias Performance

