

CH358147G

OD : 358

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 | 138 | 82.80 | 350 |



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 35.81 | 1.410 | 36.70 | 1.445 | Black | Box Qty = 240 pcs |
| ID | (min) | 22.35 | 0.880 | 21.50 | 0.846 | | |
| HT | (max) | 10.46 | 0.412 | 11.28 | 0.444 | | |

Physical Characteristics

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|------------------------|----------------------|------------------------|-------------------------|
| 0.678 cm ² | 8.98 cm | 3.64 cm ² | 6.0884 cm ³ | 1,000 |
| 0.10509 in ² | 3.535 in | 718,374 cmil | 0.3715 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 3.776 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 56.09 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 42.15 | 14.09 | 17.71 |

Typical DC Bias Performance

