

CH270125G

Electrical Characteristics

| Material | Permeability (μ) | AL ± 8% (nH/N ²) | DCB (% min) @ 20 Oe | Coreloss (mW/cm ² , max) @ 50kHz, 1000G |
|-----------|------------------|------------------------------|---------------------|--|
| High Flux | 125 | 157 | 84.6 | 340 |

OD : 270



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 26.92 | 1.060 | 27.70 | 1.091 | Black | Box Qty = 360 pcs |
| ID | (min) | 14.73 | 0.580 | 14.10 | 0.555 | | |
| HT | (max) | 11.18 | 0.440 | 11.99 | 0.472 | | |

Physical Characteristics

| Cross Section (A) | Path Length (ℓ) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-----------------------|-----------------|----------------------|------------------------|-------------------------|
| 0.654 cm ² | 6.35 cm | 1.56 cm ² | 4.152 cm ³ | 1,000 |
| 0.101 in ² | 2.500 in | 307,874 cmil | 0.2534 in ³ | |

Winding Information

| | | |
|--|------|-------|
| 0% Winding length/turn (cm) | | |
| 3.758 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 34.42 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 31.16 | 9.23 | 16.16 |

For Your Reference Only

Typical DC Bias Performance

