

HS400075G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 100 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 500G |
|----------|------------------------|----------------------------------|----------------------|---|
| HS | 75 | 101 | 59.8 | 63 |

OD : 400



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 39.88 | 1.570 | 40.70 | 1.602 | Black | Box Qty = 120 pcs |
| ID | (min) | 24.13 | 0.950 | 23.30 | 0.917 | | |
| HT | (max) | 14.48 | 0.570 | 15.37 | 0.605 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-----------------------|---------------------|----------------------|------------------------|-------------------------|
| 1.072 cm ² | 9.84 cm | 4.27 cm ² | 10.548 cm ³ | 1,000 |
| 0.166 in ² | 3.87 in | 842,708 cmil | 0.644 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 4.814 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 73.77 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 46.57 | 15.26 | 22.32 |

Typical DC Bias Performance

