

CK127075G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 80 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 1000G |
|-----------|------------------------|----------------------------------|---------------------|--|
| Mega Flux | 75 | 34 | 53.4 | 710 |

OD : 127



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 12.70 | 0.500 | 13.46 | 0.530 | Black | Box Qty = 4,000 pcs |
| ID | (min) | 7.62 | 0.300 | 6.99 | 0.275 | | |
| HT | (max) | 4.75 | 0.187 | 5.51 | 0.217 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-------------------------|---------------------|-----------------------|------------------------|-------------------------|
| 0.114 cm ² | 3.12 cm | 0.383 cm ² | 0.3557 cm ³ | 1,000 |
| 0.01767 in ² | 1.228 in | 75,587 cmil | 0.0217 in ³ | |

Winding Information

| | | |
|--|------|------|
| 0% Winding length/turn (cm) | | |
| 1.749 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 8.00 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 15.18 | 4.57 | 7.58 |

Typical DC Bias Performance

