

CK740019G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 200 Oe | Coreloss (mW/cm ³ , max) @ 50kHz, 100G |
|-----------|------------------------|----------------------------------|----------------------|---|
| Mega Flux | 19 | 65 | 77.3 | 5.5 |

OD : 740



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 74.10 | 2.917 | 75.20 | 2.961 | Black | Box Qty = 15 pcs |
| ID | (min) | 45.30 | 1.783 | 44.07 | 1.735 | | |
| HT | (max) | 35.00 | 1.378 | 36.27 | 1.428 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|-----------------------|---------------------|-----------------------|------------------------|-------------------------|
| 5.040 cm ² | 18.38 cm | 15.25 cm ² | 92.635 cm ³ | 1,000 |
| 0.781 in ² | 7.24 in | 3,009,670 cmil | 5.653 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 10.367 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 283.09 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 86.36 | 28.85 | 49.46 |

Typical DC Bias Performance

