

CK343090G

Electrical Characteristics

| Material | Permeability (μ) | AL \pm 8% (nH/N ²) | DCB (% min) @ 60 Oe | Coreloss (mW/cm ³ , max) @50kHz, 1000G |
|-----------|------------------------|----------------------------------|---------------------|---|
| Mega Flux | 90 | 57 | 55.2 | 710 |

OD : 343



Core Dimensions

| Dimensions | | Uncoated | | Coated | | Color | Packaging |
|------------|-------|----------|--------|--------|--------|-------|-------------------|
| | | (mm) | (inch) | (mm) | (inch) | | |
| OD | (Max) | 34.29 | 1.350 | 35.20 | 1.386 | Black | Box Qty = 280 pcs |
| ID | (min) | 23.37 | 0.920 | 22.60 | 0.890 | | |
| HT | (max) | 8.89 | 0.350 | 9.83 | 0.387 | | |

Physical Characteristics

| Cross Section (A) | Path Length (l) | Window Area (Wa) | Volume (V) | Breakdown Voltage (Vac) |
|------------------------|-----------------|----------------------|------------------------|-------------------------|
| 0.454 cm ² | 8.95 cm | 4.01 cm ² | 4.0633 cm ³ | 1,000 |
| 0.0704 in ² | 3.52 in | 791,395 cmil | 0.248 in ³ | |

Winding Information

| | | |
|--|-------|-------|
| 0% Winding length/turn (cm) | | |
| 3.226 | | |
| 40% winding factor Surface Area (cm ²) | | |
| 52.34 | | |
| 40% Wound Di.(mm) | | |
| OD | ID | HT |
| 41.08 | 14.79 | 16.67 |

For Your Reference Only

Typical DC Bias Performance

