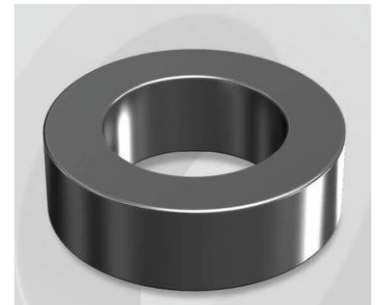


# CK572090G

OD : 572

## Electrical Characteristics

| Material  | Permeability ( $\mu$ ) | AL $\pm$ 8% (nH/N <sup>2</sup> ) | DCB (% min) @ 60 Oe | Coreloss (mW/cm <sup>3</sup> , max) @ 50kHz, 500G |
|-----------|------------------------|----------------------------------|---------------------|---|
| Mega Flux | 90                     | 112                              | 55.2                | 160   |



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging        |
|------------|-------|----------|--------|--------|--------|-------|------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                  |
| OD         | (Max) | 57.15    | 2.250  | 58.00  | 2.283  | Black | Box Qty = 88 pcs |
| ID         | (min) | 35.56    | 1.400  | 34.70  | 1.366  |       |                  |
| HT         | (max) | 13.97    | 0.550  | 14.86  | 0.585  |       |                  |

## Physical Characteristics

| Cross Section (A)     | Path Length ( $l$ ) | Window Area (Wa)     | Volume (V)             | Breakdown Voltage (Vac) |
|-----------------------|---------------------|----------------------|------------------------|-------------------------|
| 1.444 cm <sup>2</sup> | 14.30 cm            | 9.48 cm <sup>2</sup> | 20.649 cm <sup>3</sup> | 1,000                   |
| 0.224 in <sup>2</sup> | 5.63 in             | 1,870,930 cmil       | 1.260 in <sup>3</sup>  |                         |

## Winding Information

|  |       |       |
|--|-------|-------|
| 0% Winding length/turn (cm)                        |       |       |
| 5.302  |       |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |       |       |
| 133.19   |       |       |
| 40% Wound Di.(mm)                                  |       |       |
| OD   | ID    | HT    |
| 66.85  | 22.74 | 25.26 |

## Typical DC Bias Performance

