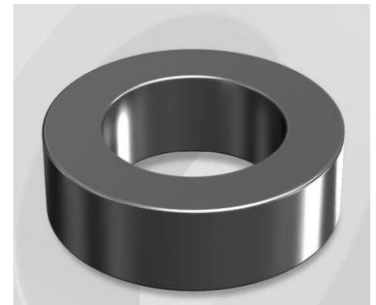


# CK467090G

## 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                     | 202                              | 55.2                | 160   |

OD : 467



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging        |
|------------|-------|----------|--------|--------|--------|-------|------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                  |
| OD         | (Max) | 46.74    | 1.840  | 47.60  | 1.874  | Black | Box Qty = 72 pcs |
| ID         | (min) | 24.13    | 0.950  | 23.30  | 0.917  |       |                  |
| HT         | (max) | 18.03    | 0.710  | 18.92  | 0.745  |       |                  |

## Physical Characteristics

| Cross Section (A)     | Path Length ( $l$ ) | Window Area (Wa)     | Volume (V)             | Breakdown Voltage (Vac) |
|-----------------------|---------------------|----------------------|------------------------|-------------------------|
| 1.990 cm <sup>2</sup> | 10.74 cm            | 4.27 cm <sup>2</sup> | 21.373 cm <sup>3</sup> | 1,000                   |
| 0.308 in <sup>2</sup> | 4.23 in             | 842,708 cmil         | 1.304 in <sup>3</sup>  |                         |

## Winding Information

|  |       |       |
|--|-------|-------|
| 0% Winding length/turn (cm)                        |       |       |
| 6.214  |       |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |       |       |
| 96.50  |       |       |
| 40% Wound Di.(mm)                                  |       |       |
| OD   | ID    | HT    |
| 53.30  | 15.26 | 25.79 |

For Your Reference Only

## Typical DC Bias Performance

