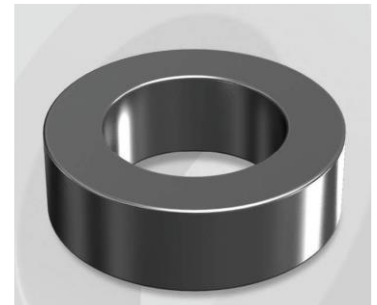


# CS468075G

OD : 468

## Electrical Characteristics

| Material | Permeability ( $\mu$ ) | AL $\pm$ 8% (nH/N <sup>2</sup> ) | DCB (% min) @ 40 Oe | Coreloss (mW/cm <sup>3</sup> , max) @ 50kHz, 500G |
|----------|------------------------|----------------------------------|---------------------|---|
| SENDUST  | 75                     | 107                              | 64.4                | 73  |



## 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) | 28.70    | 1.130  | 27.90  | 1.098  |       |                  |
| HT         | (Max) | 15.24    | 0.600  | 16.13  | 0.635  |       |                  |

## Physical Characteristics

| Cross Section (A)     | Path Length ( $l$ ) | Window Area (Wa)     | Volume (V)             | Breakdown Voltage (Vac) |
|-----------------------|---------------------|----------------------|------------------------|-------------------------|
| 1.340 cm <sup>2</sup> | 11.63 cm            | 6.11 cm <sup>2</sup> | 15.584 cm <sup>3</sup> | 1,000                   |
| 0.208 in <sup>2</sup> | 4.58 in             | 1,205,842 cmil       | 0.951 in <sup>3</sup>  |                         |

## Winding Information

|  |       |       |
|--|-------|-------|
| 0% Winding length/turn (cm)                        |       |       |
| 5.196  |       |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |       |       |
| 97.79  |       |       |
| 40% Wound Di.(mm)                                  |       |       |
| OD   | ID    | HT    |
| 54.66  | 18.26 | 24.48 |

## Typical DC Bias Performance

