

# CS096060G

## Electrical Characteristics

| Material | Permeability ( $\mu$ ) | AL $\pm$ 12% (nH/N <sup>2</sup> ) | DCB (% min) @ 50 Oe | Coreloss (mW/cm <sup>2</sup> , max) @50kHz, 1000G |
|----------|------------------------|-----------------------------------|---------------------|---------------------------------------------------|
| SENDUST  | 60                     | 25                                | 64.4                | 320                                               |

OD : 096



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging           |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                     |
| OD         | (Max) | 9.65     | 0.380  | 10.29  | 0.405  | Black | Box Qty = 8,000 pcs |
| ID         | (Min) | 4.78     | 0.188  | 4.27   | 0.168  |       |                     |
| HT         | (Max) | 3.18     | 0.125  | 3.81   | 0.150  |       |                     |

## Physical Characteristics

| Cross Section (A)       | Path Length ( $l$ ) | Window Area (Wa)       | Volume (V)             | Breakdown Voltage (Vac) |
|-------------------------|---------------------|------------------------|------------------------|-------------------------|
| 0.0752 cm <sup>2</sup>  | 2.18 cm             | 0.1429 cm <sup>2</sup> | 0.1639 cm <sup>3</sup> | 1,000                   |
| 0.01166 in <sup>2</sup> | 0.858 in            | 28,202 cmil            | 0.0100 in <sup>3</sup> |                         |

## Winding Information

|                                                    |      |      |
|----------------------------------------------------|------|------|
| 0% Winding length/turn (cm)                        |      |      |
| 1.364                                              |      |      |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |      |      |
| 4.14                                               |      |      |
| 40% Wound Di.(mm)                                  |      |      |
| OD                                                 | ID   | HT   |
| 11.32                                              | 2.79 | 5.07 |

For Your Reference Only

## Typical DC Bias Performance

