

# CS097026G

## Electrical Characteristics

| Material | Permeability ( $\mu$ ) | AL $\pm$ 12% (nH/N <sup>2</sup> ) | DCB (% min) @ 200 Oe | Coreloss (mW/cm <sup>2</sup> , max) @ 50kHz, 1000G |
|----------|------------------------|-----------------------------------|----------------------|--|
| SENDUST  | 26                     | 14                                | 46.0                 | 320  |

OD : 097



## 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) | 3.96     | 0.156  | 4.57   | 0.180  |       |                     |

## Physical Characteristics

| Cross Section (A)       | Path Length (l) | Window Area (Wa)       | Volume (V)             | Breakdown Voltage (Vac) |
|-------------------------|-----------------|------------------------|------------------------|-------------------------|
| 0.0945 cm <sup>2</sup>  | 2.18 cm         | 0.1429 cm <sup>2</sup> | 0.2060 cm <sup>3</sup> | 1,000                   |
| 0.01465 in <sup>2</sup> | 0.858 in        | 28,202 cmil            | 0.0126 in <sup>3</sup> |                         |

## Winding Information

|  |      |      |
|--|------|------|
| 0% Winding length/turn (cm)                        |      |      |
| 1.516  |      |      |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |      |      |
| 4.47   |      |      |
| 40% Wound Di.(mm)                                  |      |      |
| OD   | ID   | HT   |
| 11.32  | 2.79 | 5.83 |

For Your Reference Only

## Typical DC Bias Performance

