

# CS778026G

## Electrical Characteristics

| Material | Permeability ( $\mu$ ) | AL $\pm$ 8% (nH/N <sup>2</sup> ) | DCB (% min) @ 200 Oe | Coreloss (mW/cm <sup>3</sup> , max) @ 50kHz, 100G |
|----------|------------------------|----------------------------------|----------------------|---|
| SENDUST  | 26                     | 37                               | 46.0                 | 2.4   |

OD : 778



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging        |
|------------|-------|----------|--------|--------|--------|-------|------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                  |
| OD         | (Max) | 77.80    | 3.063  | 78.90  | 3.106  | Black | Box Qty = 35 pcs |
| ID         | (Min) | 49.23    | 1.938  | 48.00  | 1.890  |       |                  |
| HT         | (Max) | 15.90    | 0.626  | 17.20  | 0.677  |       |                  |

## Physical Characteristics

| Cross Section (A)     | Path Length ( $l$ ) | Window Area (Wa)      | Volume (V)            | Breakdown Voltage (Vac) |
|-----------------------|---------------------|-----------------------|-----------------------|-------------------------|
| 2.270 cm <sup>2</sup> | 20.0 cm             | 17.99 cm <sup>2</sup> | 45.40 cm <sup>3</sup> | 1,000                   |
| 0.352 in <sup>2</sup> | 7.87 in             | 3,550,424 cmil        | 2.770 in <sup>3</sup> |                         |

## Winding Information

|  |       |       |
|--|-------|-------|
| 0% Winding length/turn (cm)                        |       |       |
| 6.530  |       |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |       |       |
| 236.84   |       |       |
| 40% Wound Di.(mm)                                  |       |       |
| OD   | ID    | HT    |
| 91.14  | 31.33 | 31.65 |

## Typical DC Bias Performance

