

# CH1340060G

## Electrical Characteristics

| Material  | Permeability ( $\mu$ ) | AL $\pm$ 8% (nH/N <sup>2</sup> ) | DCB (% min) @ 50 Oe | Coreloss (mW/cm <sup>3</sup> , max) @50kHz, 100G |
|-----------|------------------------|----------------------------------|---------------------|--------------------------------------------------|
| High Flux | 60                     | 248                              | 82.80               | 4                                                |

OD : 1340



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging       |
|------------|-------|----------|--------|--------|--------|-------|-----------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                 |
| OD         | (Max) | 132.50   | 5.217  | 134.20 | 5.283  | Black | Box Qty = 3 pcs |
| ID         | (min) | 78.60    | 3.094  | 77.00  | 3.031  |       |                 |
| HT         | (max) | 40.60    | 1.598  | 42.00  | 1.654  |       |                 |

## Physical Characteristics

| Cross Section (A)       | Path Length ( $l$ ) | Window Area (Wa)      | Volume (V)              | Breakdown Voltage (Vac) |
|-------------------------|---------------------|-----------------------|-------------------------|-------------------------|
| 10.694 cm <sup>2</sup>  | 32.42 cm            | 46.57 cm <sup>2</sup> | 346.699 cm <sup>3</sup> | 1,000                   |
| 1.65757 in <sup>2</sup> | 12.764 in           | 9,190,102 cmil        | 21.1556 in <sup>3</sup> |                         |

## Winding Information

|                                                    |       |       |
|----------------------------------------------------|-------|-------|
| 0% Winding length/turn (cm)                        |       |       |
| 14.120                                             |       |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |       |       |
| 747.18                                             |       |       |
| 40% Wound Di.(mm)                                  |       |       |
| OD                                                 | ID    | HT    |
| 153.59                                             | 50.41 | 64.99 |

For Your Reference Only

## Typical DC Bias Performance

