

# CH610060GT

OD : 610

## Electrical Characteristics

| Material     | Permeability ( $\mu$ ) | AL $\pm$ 8% (nH/N <sup>2</sup> ) | DCB (% min) @ 100 Oe | Coreloss (mW/cm <sup>2</sup> , max) @ 50kHz, 300G |
|--------------|------------------------|----------------------------------|----------------------|---|
| High Flux GT | 60                     | 192                              | 77.4                 | 14  |



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging        |
|------------|-------|----------|--------|--------|--------|-------|------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                  |
| OD         | (Max) | 62.00    | 2.441  | 63.10  | 2.484  | Black | Box Qty = 24 pcs |
| ID         | (min) | 32.60    | 1.283  | 31.37  | 1.235  |       |                  |
| HT         | (max) | 25.00    | 0.984  | 26.27  | 1.034  |       |                  |

## Physical Characteristics

| Cross Section (A)     | Path Length ( $l$ ) | Window Area (Wa)     | Volume (V)            | Breakdown Voltage (Vac) |
|-----------------------|---------------------|----------------------|-----------------------|-------------------------|
| 3.675 cm <sup>2</sup> | 14.37 cm            | 7.73 cm <sup>2</sup> | 52.81 cm <sup>3</sup> | 1,000                   |
| 0.570 in <sup>2</sup> | 5.657 in            | 1,525,558 cmil       | 3.222 in <sup>3</sup> |                         |

## Winding Information

|  |       |       |
|--|-------|-------|
| 0% Winding length/turn (cm)                        |       |       |
| 8.427  |       |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |       |       |
| 173.99   |       |       |
| 40% Wound Di.(mm)                                  |       |       |
| OD   | ID    | HT    |
| 70.78  | 20.54 | 35.53 |

## Typical DC Bias Performance

