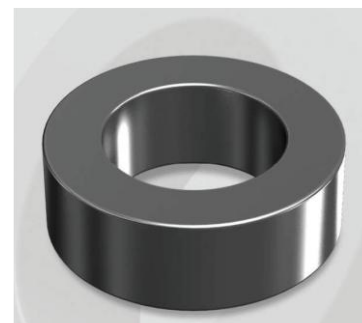


## CH147060GTS

### Electrical Characteristics

| Material      | Permeability<br>( $\mu$ ) | AL $\pm$ 8%<br>(nH/N <sup>2</sup> ) | DCB (% min)<br>@ 100 Oe | Coreloss (mW/cm <sup>2</sup> , max)<br>@50kHz, 1000G |
|---------------|---------------------------|-------------------------------------|-------------------------|------------------------------------------------------|
| High Flux GTS | 60                        | 32                                  | 80.08                   | 130                                                  |

OD : 147G



### Core Dimensions

| Dimensions |       | Uncoated<br>(Before) |        | Coated<br>(After) |        | Color | Packaging             |
|------------|-------|----------------------|--------|-------------------|--------|-------|-----------------------|
|            |       | (mm)                 | (inch) | (mm)              | (inch) |       |                       |
| OD         | (Max) | 14.70                | 0.579  | 15.50             | 0.610  | Black | Box Qty<br>= 2,000pcs |
| ID         | (min) | 8.90                 | 0.350  | 8.20              | 0.323  |       |                       |
| HT         | (max) | 5.60                 | 0.220  | 6.40              | 0.252  |       |                       |

### Physical Characteristics

| Cross Section<br>(A)    | Path Length<br>( $\ell$ ) | Window Area<br>(W <sub>a</sub> ) | Volume<br>(V)          | Breakdown Voltage<br>(V <sub>ac</sub> ) |
|-------------------------|---------------------------|----------------------------------|------------------------|-----------------------------------------|
| 0.154 cm <sup>2</sup>   | 3.63 cm                   | 0.53 cm <sup>2</sup>             | 0.5590 cm <sup>3</sup> | 1,000                                   |
| 0.02387 in <sup>2</sup> | 1.429 in                  | 104,204 cmil                     | 0.0341 in <sup>3</sup> |                                         |

### Winding Information

|                                                       |      |      |
|-------------------------------------------------------|------|------|
| 0% Winding length/turn<br>(cm)                        |      |      |
| 2.010                                                 |      |      |
| 40% winding factor<br>Surface Area (cm <sup>2</sup> ) |      |      |
| 10.72                                                 |      |      |
| 40% Wound Di.(mm)                                     |      |      |
| OD                                                    | ID   | HT   |
| 17.53                                                 | 5.37 | 8.83 |

### Typical DC Bias Performance

