

# CK112060GT

## 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 |
|--------------|---------------------------|-------------------------------------|-------------------------|--|
| Mega Flux GT | 60                        | 26                                  | 72.8                    | 550  |

OD : 112



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging              |
|------------|-------|----------|--------|--------|--------|-------|------------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                        |
| OD         | (Max) | 11.18    | 0.440  | 11.90  | 0.469  | Black | Box Qty<br>= 6,000 pcs |
| ID         | (min) | 6.35     | 0.250  | 5.89   | 0.232  |       |                        |
| HT         | (max) | 3.96     | 0.156  | 4.72   | 0.186  |       |                        |

## Physical Characteristics

| Cross Section<br>(A)    | Path Length<br>( $l$ ) | Window Area<br>(W <sub>a</sub> ) | Volume<br>(V)          | Breakdown Voltage<br>(Vac) |
|-------------------------|------------------------|----------------------------------|------------------------|----------------------------|
| 0.0906 cm <sup>2</sup>  | 2.69 cm                | 0.273 cm <sup>2</sup>            | 0.2437 cm <sup>3</sup> | 1,000                      |
| 0.01404 in <sup>2</sup> | 1.059 in               | 53,878 cmil                      | 0.0149 in <sup>3</sup> |                            |

## Winding Information

|   |      |      |
|---|------|------|
| 0% Winding length/turn<br>(cm)                        |      |      |
| 1.545   |      |      |
| 40% winding factor<br>Surface Area (cm <sup>2</sup> ) |      |      |
| 6.05  |      |      |
| 40% Wound Di.(mm)                                     |      |      |
| OD  | ID   | HT   |
| 13.34   | 3.86 | 6.46 |

## Typical DC Bias Performance

