

# CM203060G

## 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, 1000G |
|----------|------------------------|----------------------------------|---------------------|---|
| MPP      | 60                     | 32                               | 73.60               | 230   |

OD : 203



## Core Dimensions

| Dimensions |       | Uncoated |        | Coated |        | Color | Packaging           |
|------------|-------|----------|--------|--------|--------|-------|---------------------|
|            |       | (mm)     | (inch) | (mm)   | (inch) |       |                     |
| OD         | (Max) | 20.32    | 0.800  | 21.10  | 0.831  | Black | Box Qty = 1,368 pcs |
| ID         | (min) | 12.70    | 0.500  | 12.07  | 0.475  |       |                     |
| HT         | (max) | 6.35     | 0.250  | 7.11   | 0.280  |       |                     |

## Physical Characteristics

| Cross Section (A)     | Path Length ( $l$ ) | Window Area (Wa)     | Volume (V)              | Breakdown Voltage (Vac) |
|-----------------------|---------------------|----------------------|-------------------------|-------------------------|
| 0.226 cm <sup>2</sup> | 5.09 cm             | 1.14 cm <sup>2</sup> | 1.150 cm <sup>3</sup>   | 1,000                   |
| 0.035 in <sup>2</sup> | 2.00 in             | 224,985 cmil         | 0.07019 in <sup>3</sup> |                         |

## Winding Information

|  |      |       |
|--|------|-------|
| 0% Winding length/turn (cm)                        |      |       |
| 2.325  |      |       |
| 40% winding factor Surface Area (cm <sup>2</sup> ) |      |       |
| 18.95  |      |       |
| 40% Wound Di.(mm)                                  |      |       |
| OD   | ID   | HT    |
| 24.13  | 7.89 | 10.72 |

## Typical DC Bias Performance

