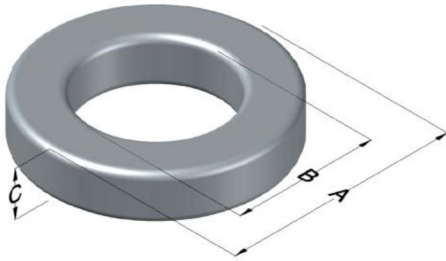




**0055242A2**

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| MPP Permeability ( $\mu$ ) | $A_L$ (nH/T <sup>2</sup> ) | Core Marking |             |                  | Coating Color |
|----------------------------|----------------------------|--------------|-------------|------------------|---------------|
|                            |                            | Lot Number   | Part Number | Inductance Grade |               |
| 26                         | 11 $\pm$ 8%                | XXXXXX       | 242         | N/A              | Gray          |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                                      |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 6.60     | 0.260 | 7.24          | 0.285 | max | Bulk Pack<br>4 bags/box<br>Box Qty= 10,000 pcs |
| ID (B)     | 2.67     | 0.105 | 2.16          | 0.085 | min |  |
| HT (C)     | 2.54     | 0.100 | 3.18          | 0.125 | max |  |

| Electrical Characteristics                          |                        |            | Physical Characteristics                              |                         |   |   |                                 |  |            |
|---|------------------------|------------|---|-------------------------|---|---|---------------------------------|--|------------|
| Watt Loss @ 100 kHz, 100mT max(mW/cm <sup>3</sup> ) | DC Bias min (oersteds) |            | Voltage Breakdown wire to wire min (V <sub>AC</sub> ) | Break Strength min (kg) | Window Area W <sub>A</sub> (mm <sup>2</sup> ) | Cross Section A <sub>e</sub> (mm <sup>2</sup> ) | Path Length L <sub>e</sub> (mm) | Volume V <sub>e</sub> (mm <sup>3</sup> ) | Weight (g) |
|   | 800                    | 80%<br>120 |   |                         |   |   |                                 |  |            |

| Winding Information     |      |                |      |                                 | Temperature Rating |  |
|-------------------------|------|----------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn |      |                |      | Wound Coil Dimensions (mm)      |                    | Curie Temp: 460°C                      |
| Winding Factor          | (mm) | Winding Factor | (mm) | 40% Winding Factor              |                    | Coating Temp (Continuous up to): 200°C |
|                         |      |                |      | OD                              | 7.41               | Notes:                                 |
| 0%                      | 11.4 | 40%            | 12.6 | HT                              | 3.87               |  |
|                         |      |                |      | Max OD                          | 9.12               |  |
| 20%                     | 12.0 | 45%            | 12.7 | Max HT                          | 5.13               |  |
| 25%                     | 12.2 | 50%            | 12.9 | Surface Area (mm <sup>2</sup> ) |                    |  |
| 30%                     | 12.3 | 60%            | 13.2 | Unwound Core                    | 170                |  |
| 35%                     | 12.4 | 70%            | 13.6 | 40% Winding Factor              | 190                |  |

