



**0055122AY**

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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                         | 15 ± 8%                    | N/A          | N/A         | N/A              | Clear         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                                    |
|------------|----------|-------|---------------|-------|-----|--|
|            | (mm)     | (in)  | (mm)          | (in)  |     |  |
| OD (A)     | 16.59    | 0.653 | 17.09         | 0.673 | max | Bulk Pack<br>4 bags/box<br>Box Qty= 2000 pcs |
| ID (B)     | 10.16    | 0.400 | 9.71          | 0.382 | min |  |
| HT (C)     | 6.35     | 0.250 | 6.93          | 0.273 | 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) |
|   | 80%                    | 50% |   |                         |   |   |                                 |  |            |
| 1150  | 120                    | 215 | 600   | 14                      | 73.9  | 19.2  | 41.2                            | 791                                      | 5.8480     |

| 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): 130 °C |
|                         |      |                |      | OD                              | 18.8               | Notes:                                  |
|                         |      |                |      | HT                              | 10.1               |   |
|                         |      |                |      | Completely Full Window          |                    |   |
|                         |      |                |      | Max OD                          | 23.7               |   |
|                         |      |                |      | Max HT                          | 15.2               |   |
|                         |      |                |      | Surface Area (mm <sup>2</sup> ) |                    |   |
|                         |      |                |      | Unwound Core                    |                    | 920                                     |
|                         |      |                |      | 40% Winding Factor              |                    | 1,300                                   |

