



**0059615A2**

110 Delta Drive  
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| Edge Permeability ( $\mu$ ) | $A_L$ (nH/T <sup>2</sup> ) | Core Marking |             |                  | Coating Color |
|-----------------------------|----------------------------|--------------|-------------|------------------|---------------|
|                             |                            | Lot Number   | Part Number | Inductance Grade |               |
| 26                          | 82 ± 8%                    | XXXXXX       | 59615A2     | N/A              | Green         |

| Dimensions | Uncoated |       | Coated Limits |       |     | Packaging                             |
|------------|----------|-------|---------------|-------|-----|---------------------------------------|
|            | (mm)     | (in)  | (mm)          | (in)  |     |                                       |
| OD (A)     | 61.98    | 2.440 | 63.09         | 2.484 | max | Cardboard cut-outs<br>Box Qty= 45 pcs |
| ID (B)     | 32.59    | 1.283 | 31.70         | 1.248 | min |                                       |
| HT (C)     | 24.99    | 0.984 | 25.91         | 1.020 | max |                                       |

| Electrical Characteristics                          |                        |     | Physical Characteristics                              |                         |   |   |                                 |  |                 |
|---|------------------------|-----|---|-------------------------|---|---|---------------------------------|--|-----------------|
| Watt Loss @ 100kHz, 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> ) | Est. Weight (g) |
|   | 725                    | 80% |   |                         |   |   |                                 |  |                 |
|   | 240                    | 390 |   |                         |   |   |                                 |  |                 |

| Winding Information     |      |                |      |                                 | Temperature Rating |  |
|-------------------------|------|----------------|------|---------------------------------|--------------------|--|
| Winding Length Per Turn |      |                |      | Wound Coil Dimensions (mm)      |                    | Curie Temp: 500°C                      |
| Winding Factor          | (mm) | Winding Factor | (mm) | 40% Winding Factor              |                    | Coating Temp (Continuous up to): 200°C |
|                         |      |                |      | OD                              | 70.3               |  |
|                         |      |                |      | HT                              | 36.7               | Notes:                                 |
|                         |      |                |      | Completely Full Window          |                    |  |
|                         |      |                |      | Max OD                          | 70.3               |  |
|                         |      |                |      | Max HT                          | 47.5               |  |
| 0%                      | 83.2 | 40%            | 99.7 | Surface Area (mm <sup>2</sup> ) |                    |  |
| 20%                     | 91.3 | 45%            | 102  | Unwound Core                    |                    | 12,000                                 |
| 25%                     | 93.5 | 50%            | 104  | 40% Winding Factor              |                    | 18,000                                 |
| 30%                     | 95.1 | 60%            | 109  |                                 |                    |  |
| 35%                     | 97.5 | 70%            | 115  |                                 |                    |  |

