0058448A2

High Flux Permeability ($\mu$) | $A_L$ (nH/T$^2$) | Core Marking | Temperature Rating
---|---|---|---
26 | 47 ± 8% | XXXXXX 58448A2 | N/A

Dimensions | Packaging
---|---
Uncoated | Coated Limits | Cardboard cut-outs
| (mm) | (in) | (mm) | (in) | Box Qty = 120 Pcs
OD (A) | 42.90 | 1.689 | 43.83 | 1.724 | max
ID (B) | 24.20 | 0.953 | 23.40 | 0.921 | min
HT (C) | 16.26 | 0.640 | 17.26 | 0.675 | max

Electrical Characteristics

<table>
<thead>
<tr>
<th>Watt Loss @ 100kHz, 100mT (max, mW/cm$^2$)</th>
<th>DC Bias min (Oersteds)</th>
<th>Voltage Breakdown wire-to-wire min ($V_{AC}$)</th>
<th>Break Strength (min, kg)</th>
<th>Window Area, $W_A$ (mm$^2$)</th>
<th>Cross Section, $A_e$ (mm$^2$)</th>
<th>Path Length, $L_e$ (mm)</th>
<th>Volume $V_e$ (mm$^3$)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1250</td>
<td>80%</td>
<td>375</td>
<td>2000</td>
<td>98.8</td>
<td>430</td>
<td>147.5</td>
<td>102</td>
<td>15100</td>
</tr>
</tbody>
</table>

Physical Characteristics

<table>
<thead>
<tr>
<th>Curie Temp (°C):</th>
<th>500 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coating Temp: (Continuous, up to; °C):</td>
<td>200 °C</td>
</tr>
</tbody>
</table>

Notes:

Typical DC Bias Performance

![Typical DC Bias Performance Graph]

- 80% Bias Performance
- 50% Bias Performance

Temperature Rating

- Curie Temp (°C): 500 °C
- Coating Temp: (Continuous, up to; °C): 200 °C

Notes: