



Part Number: BFS-0503015-014

Revision 20160414 - Generated 2016-Apr-28



| | | |
|----------------------|--|------------------------|
| A | 50.00 ± 0.50 mm | 1.969 ± 0.020 in |
| B | 30.00 ± 0.50 mm | 1.181 ± 0.020 in |
| C | 15.00 ± 0.50 mm | 0.591 ± 0.020 in |
| R | 1.5 ± 0.50 mm | 0.059 ± 0.020 in |
| | μ_i (reference) | 14 |
| Mass | (approximate) | 130 grams |
| Core Loss | $\text{Core Loss (mW/cm}^3\text{)} = \frac{a}{B_{pk}^3} + \frac{b}{B_{pk}^{2.3}} + \frac{c}{B_{pk}^{1.65}} + d \cdot B_{pk}^2 \cdot f^2$ | |
| | where B_{pk} expressed in gauss, f expressed in hertz, and: $a=1.00E+06$, $b=7.92E+07$, $c=2.34E+06$, $d=5.39E-14$ | |
| | B_{pk} | 300 G |
| | frequency | 100 kHz |
| | Core Loss (nominal) | 334 mW/cm ³ |
| | Core Loss (maximum) | 384 mW/cm ³ |
| DC Saturation | $\% \mu_i = \frac{1}{a + b \cdot H^c} + d$ | |
| | where H expressed in oersteds, and: $a=0.01$, $b=1.80E-07$, $c=1.55$, $d=0.00$ | |
| | H_{DC} | 200 Oe |
| | Percent Initial Perm(nom.) | 93.7% |
| | Percent Initial Perm(min.) | 91.8% |
| Coating/Pkg | Coating Type: | None |
| | Voltage Breakdown (min.) | N/A |
| | Limit | N/A |
| | Package Quantity | 100 Pieces/Box |

