

Final Product Specification

Part Number : 32-840-37

Issue Number : 1

Description : FER/EP20/F10 SINGLE

Issue Date : 2-Sep-2003

UOM : Each

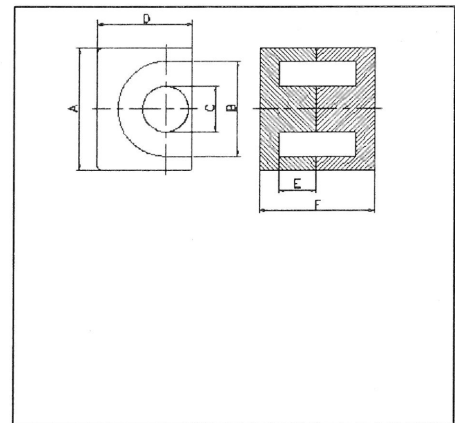
Electrical Specification:

Sl.No.	Parameters	Test Condition	Specification
1	Inductance factor	10 KHz, 20 mV	11200+30%-20% * nH
2	Initial permeability	10kHz, B<0.1mT	6000+/-20%
3	Saturation flux density	H=796 A/m 23+/-2°C	380mT typical
4	Loss factor	100 KHz, 20 mV	20x10 ⁻⁶ max*
5	Hysteresis factor	10 KHz, B=1.5-3.0mT	1.4 max
6	Temperature factor	10 KHz, 30 mV 25-55°C	-1 to 2x10 ⁻⁶
7	Curie Temperature	10 KHz, 30 mV	130°C min
8	Loss factor	100KHz, B=0.1mT, Prod toroid 15 mm min	20x10 ⁻⁶ max*
9	Loss factor	100KHz, B=0.1mT, Prod toroid 15-32 mm	30x10 ⁻⁶ max*
10	Loss factor	100KHz, B=0.1mT Prod toroid 32 mm min 100KHz, B=0.1mT Prod toroid 32 mm min	40x10 ⁻⁶ typ *

Mechanical Specification:

ID	Parameter	Specification Before Coating
A	Outer length	23.50-24.50 mm
B	Inner length	16.10-16.90 mm
C	Center post	8.50-9.00 mm
E	Thickness	14.60-15.30 mm
F	Depth (single)	7.00-7.30 mm
G	Height (as a pair)	21.20-21.60 mm

Drawing Ref.: 32-840-00



Packing Specification

CARTON QUANTITY	200	Each
-----------------	-----	------

Prepared

Checked

Approved

Generated On : 11/26/2010 4:19:45 PM



A Subsidiary of TT electronics plc

MMG India Pvt. Ltd. 144, Seevaram, Thoraipakkam, Chennai - 600 096, India.

Telephone: +91 44 24965981 . Facsimile: +91 44 24960986

Email: sales@mmg-india.com . Website: www.mmg-india.com

Sheet No. 1

Total Sheets 1