

Final Product Specification

MMG INDIA PVT LTD

Part No : 32-830-37
Issue No : 01

Description : FER/EP17/F10 Zero Half Core
Issue Date : 20.09.2013
UoM : Each

Electrical specification:

S.No	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor	10 KHz, 20mV	6100+30%-20% *
2	Initial Permeability	B<0.1 mT, 10KHz, 25°C	6000±20%
3	Saturation flux density	H=796A/m, 23+/-2°C	380 mT typical
4	Loss factor	B=0.1mT, 100KHz, 25°C	20 x 10 ⁻⁶ *
5	Loss factor	Prod toroids 15 mm min 100KHz, B=0.1 mT	20x10 ⁻⁶ max *
6	Loss factor	Prod toroids 15-32mm 100KHz, B=0.1mT	30x10 ⁻⁶ max *
7	Loss factor	Prod toroids 32 mm min 100KHz, B=0.1mT	40x10 ⁻⁶ TYP *
8	Temperature factor	B=0.1mT, 10KHz, +25 to 55°C	-1 to 2 x10 ⁻⁶
9	Hysteresis factor	10KHz, B=1.5-3.0 mT	1.4x10 ⁻⁶ max
10	Curie temperature	B<0.1mT, 10 KHz	130 °C min

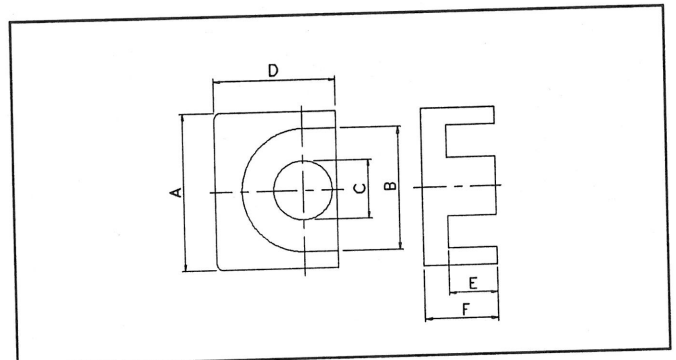
Le=28.5mm

Ae=33.90mm² Amin=25.3mm²

Ve=966mm³ C1=0.84mm⁻¹

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	17.50-18.50 mm
B	Inner length	11.50-12.50 mm
C	Center post	5.50-5.85 mm
D	Thickness	10.75-11.25 mm
E	Depth (single)	5.60-5.90 mm
F	Height (single)	8.30-8.50 mm



1. Packing as per Packing Spec.

Prepared by

Issued by



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