

Final Product Specification



Part no : 32-580-48
Issue no : 01

Description : FER/ETD29/F48 SINGLE
Issue Date : 05.12.05
UOM : SINGLE

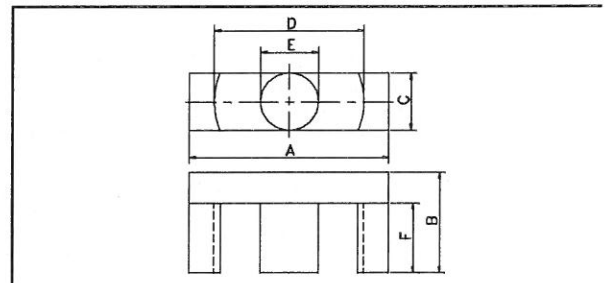
Electrical specification :

SN O	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10KHz, 20 mV	2250+30%-20%
2	Inductance factor after gapping	10KHz, 20mV	NA
3	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
4	Total power loss density	100 KHz, 100mT, 100°C	135mW/Cc max
5	Total power loss density	25 KHz, 200mT, 100°C	110mW/Cc max
6	Curie Temperature	10 KHz, B<0.1mT	220°C
7	Saturation fluxdensity	H=796A/m, 25°C	480 mT
8	Saturation fluxdensity	H=796A/m, 100°C	380 mT
9	Amplitude permeability	400 mT, 23+/-2° C	1200 MIN

Le = 70.4 mm Ae = 76 mm²
Ve = 5376 mm³ $\mu_1 = 0.92 \text{ mm}^{-1}$

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	29.00-30.60 mm
B	Height (Single)	15.60-16.00 mm
C	Thickness	9.20-9.80 mm
D	Inner length	22.00-23.40 mm
E	Center post	9.20-9.80 mm
F	Depth	10.70-11.30 mm
	BT LEG	21.50-NOM mm



Packing Specification:

Carton quantity 280

Prepared by

Issued by



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

Telephone: +91 44 24968000 · Facsimile: +91 44 24960986 · Email: sales@mmg-india.com Website: www.mmg-india.com