

Final Product Specification



Part No : 32-800-48
Issue No : 01

Description : FER/EP13/F48 SINGLE
Issue date : 14.12.05
UoM : Single

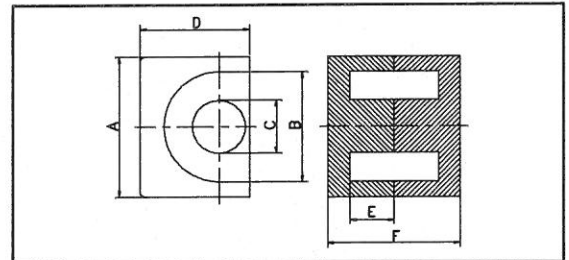
Electrical specification

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1400+30%-20%
2	Inductance factor after gapping	10 KHz, 20 mV	NA
3	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
4	Total power loss density	100 KHz, 100mT, 100°C	70mW/Cc
5	Total power loss density	100 KHz, 200mT, 100°C	380mW/Cc
6	Curie Temperature	10 KHz, B<0.1mT	220°C
7	Saturation fluxdensity	H=796A/m, 25°C	480 mT
	Saturation fluxdensity	H=796A/m, 100°C	380 mT

Le=24.20mm Ae=19.50mm²
Ve=472mm³ C1=1.24mm-1

Mechanical specification

S.No	PARAMETER	SPECIFICATION
A	Outer length	12.20-12.80 mm
B	Inner length	9.70-10.30 mm
C	Center post	4.20-4.50 mm
D	Thickness	8.60-9.00 mm
E	Depth (Single)	4.50-4.70 mm
F	Height (as a pair)	12.70-13.0 mm



Packing Specification:

CARTON QUANTITY	960
-----------------	-----

Prepared by

Issued by

