

Final Product Specification



Part no : 32-520-48

Issue no : 01

Description : FER/ETD39x20x13/F48 Single

Issue Date : 15.07.05

UOM : Single

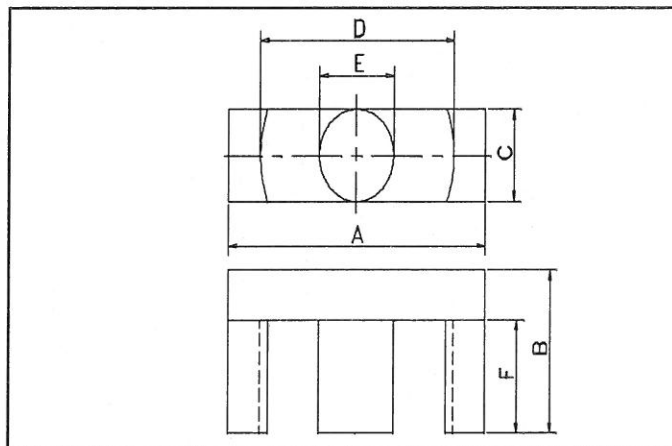
Electrical specification

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	1 KHz, 5 mV	2800+30%-20%*
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	25 KHz, 200mT, 100°C 100 KHz, 100mT, 100°C 100 KHz, 200mT, 100°C	110mW/Cc max* 135 mW/Cc max* 535mW/Cc max*
4	Saturation fluxdensity	H=796A/m, 23+/-2°C H=796A/m, 100°C	480 mT typical 380 mT typical
5	Amplitude permeability	400 mT, 25+/-2°C 340 mT 100°C	1200 MIN 1000 MIN *
6	Curie Temperature	10 KHz, B<0.1mT	220°C

Le=92.20mm Ae=125mm²
Ve=11500mm³ Cl=0.74mm-1

Mechanical specification

ID	PARAMETER	SPECIFICATION
A	Outer length	38.20-40.00 mm
B	Height (Single)	19.60-20.00 mm
C	Thickness	12.20-12.80 mm
D	Inner length	29.30-30.90 mm
E	Center post	12.20-12.80 mm
F	Depth (Single)	14.20 mm min
	Between Legs	28.20 mm Nom



Packing Specification

CARTON QUANTITY 240 Nos.

Prepared

Approved

