

Final Product Specification



Part no : 32-560-48
Issue no : 01

Description : FER/ETD49x25x17/F48 Single
Issue Date : 29.01.05
UOM : Single

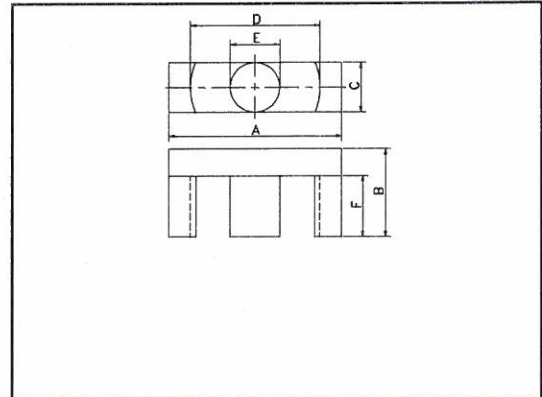
Electrical specification

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	1 KHz, 5 mV	4090+30%-20%
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	25KHz, 200mT, 100°C 100KHz, 100mT, 100°C	110mW/cc max 135mW/cc max
4	Curie Temperature	10 KHz, B<0.1mT	220°C
5	Saturation flux density	H=796A/m. 25°C H=796A/m. 100°C	480 mT typical 380 mT typical

Le = 114 mm Ae = 211 mm²
Ve = 24000 mm³ C1 = 0.54 mm-1

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	47.60-49.80 mm
B	Height (Single)	24.60-24.90 mm
C	Thickness	15.90-16.70 mm
D	Inner length	36.10-37.90 mm
E	Center post	15.90-16.70 mm
F	Depth (Single)	17.80 min
	BT LEG	34.30 mm--nom



Packing Specification:

CARTON QUANTITY 100

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