

Final Product Specification



Part No : 32-500-48

Issue No : 01

Description : FER/ ETD 34X17X11/ F48 SINGLE

Issue Date : 05.01.2012

UoM : Single

Electrical specification

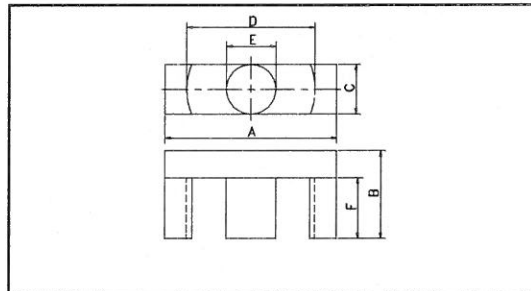
SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	2711+30%-20%
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	100 KHz, 100mT, 100°C	135mW/Cc max
4	Total power loss density	25 KHz, 200mT, 100°C	110mW/Cc max
5	Curie Temperature	10 KHz, B<0.1mT	220°C
6	Saturation fluxdensity	H=796A/m, 25°C	480 mT
7	Saturation fluxdensity	H=796A/m, 100°C	380 mT
8	Amplitude permeability	400 mT, 23+/-2° C	1200 MIN

Le=78.60mm Ae=97.10mm²

Ve=7640mm³ C1=0.81mm-1

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	33.40-35.00 mm
B	Height (Single)	17.10-17.50 mm
C	Thickness	10.50-11.10 mm
D	Inner length	25.60-27.00 mm
E	Centre post	10.50-11.10 mm
F	Depth (Single)	11.80-12.40 min



Prepared by

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