

Final Product Specification



Part no : 32-160-48

Issue no : 01

Description : FER/E19X8X4.75/F48 single

Issue date : 14.02.2008

UOM : Each

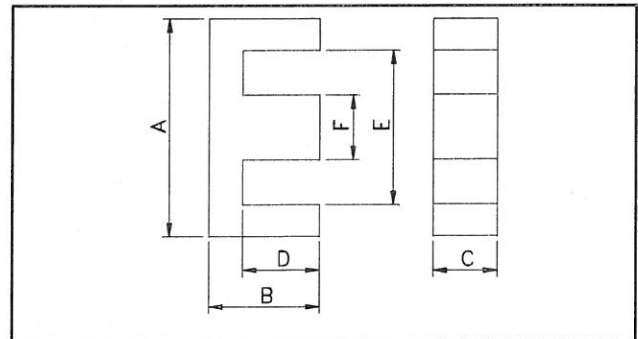
Electrical Specification:

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1110+30%-20%*
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	100 KHz, 100mT, 100°C	70mW/Cc max
4	Total power loss density	100 KHz, 200mT, 100°C	380mW/Cc max
5	Curie Temperature	10 KHz, B<0.1mT	220°C
6	Saturation fluxdensity	H=796A/m, 23+/-2°C	480 mT
7	Saturation fluxdensity	H=796A/m, 100°C	380 mT

Le=40mm Ve=900mm³
Ae=22.5mm² C1=1.78mm⁻¹

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	18.80-19.81 mm
B	Height (as a single)	7.97-8.20 mm
C	Thickness	4.57-4.93 mm
D	Depth (single)	5.59-5.84 mm
E	Inner length	13.97-15.03 mm
F	Center post	4.57-4.93 mm



Prepared by

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