

Final Product Specification



Part No : 32-190-48

Issue No : 01

Description : FER/EF 25X13X7 /F48 SINGLE

Issue date : 25.09.03

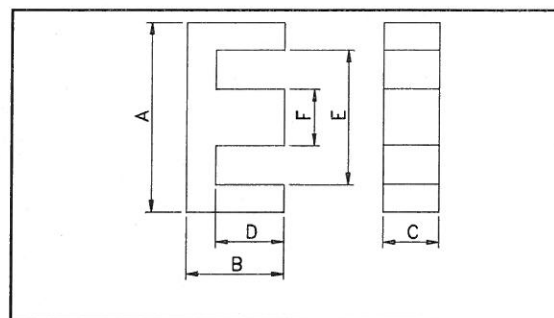
UoM : Each

Electrical specification

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1900+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
	Saturation fluxdensity	H=796A/m, 100°C	380 mT

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	24.30-25.80 mm
B	Height (as a single)	12.30-12.80 mm
C	Thickness	6.90-7.50 mm
D	Depth (single)	8.70-9.20 mm
E	Inner length	17.50-18.30 mm
F	Center post	7.00-7.50 mm



Le=57.50mm

Ae=52.50mm²

Ve=3020mm³

C1=1.09mm-1

Prepared by

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