

Final Product Specification



Part No : 32-180-48

Issue No : 01

Description : FER/EF20x10x6/F48/ SINGLE

Issuedate : 30.09.2012

UoM : Single

Electrical Specification:

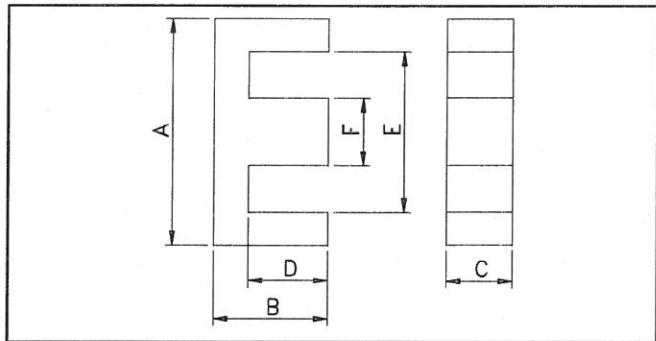
SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1450+30%-20%*
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	100 KHz, 100mT, 100°C	70mW/Cc max
4	Total power loss density	100 KHz, 200mT, 100°C	380mW/Cc max
5	Curie Temperature	10 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

Le = 44.90 mm, Ae = 33.50 mm²

Ve = 1500 mm³, C1 = 1.34 mm⁻¹

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	19.60-20.40 mm
B	Height (as a single)	9.80-10.10 mm
C	Thickness	5.50-5.90 mm
D	Depth (single)	7.00-7.30 mm
E	Inner length	14.10-14.70 mm
F	Center post	5.60-5.90 mm



Packing Specification:

CARTON QUANTITY 1920

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