

Final Product Specification



Part no : 32-370-48
Issue no : 01

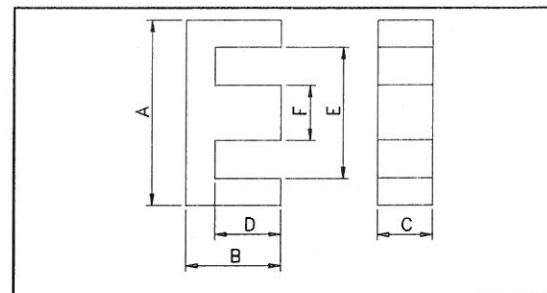
Description : FER/EF16X8X4.5/F48 SINGLE
Issue date : 4.10.04
UoM : Single

Electrical Specification:

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1100+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:

SNO	PARAMETER	SPECIFICATION
A	Outer length	15.50-16.70 mm
B	Height (as a single)	7.90-8.20 mm
C	Thickness	4.30-4.70 mm
D	Depth (Single)	5.70-6.10 mm
E	Inner length	11.30-11.90 mm
F	Center post	4.40-4.70 mm



Le=37.58mm Ae=20.39mm²
Ve=766mm³ C1=1.84mm⁻¹

Packing Specification:

CARTON QUANTITY 3000

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