

Final Product Specification



Part no : 33-9140-48
Issue No : 01

Description : PLANAR FER/I 14X1.5X5.0/F48
Issue Date : 06.12.05
UOM : SINGLE

Electrical specification

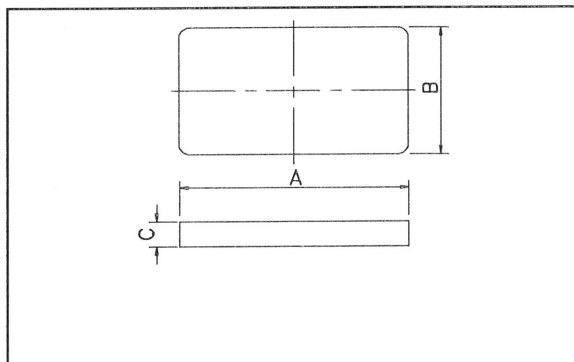
SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1400+/-25%
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	25KHz, 200mT, 100°C 100KHz, 100mT, 100°C	110mW/cc max 135mW/cc max
4	Curie Temperature	10 KHz, B<0.1mT	220°C
5	Saturation flux density	H=796A/m. 25°C H=796A/m. 100°C	480 mT typical 380 mT typical

Le=17.7mm Ae=14.3mm²
Ve=253mm³ C1=1.237mm-1

Mechanical specification:

PARAMETER	SPECIFICATION
I core spec	
I core thickness	1.45-1.55 mm
I core length	14.00-14.30 mm
I core width	4.70-5.10 mm

To be measured with 32-9140-48



Packing specification:

Carton quantity 540

Prepared by

Issued by



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