

# Final Product Specification



Part no : 32-9140-48

Issue No : 01

Description : PLANAR FER/E 14.0x3.5x5.0/F48

Issue Date : 05.12.05

UoM : Single

## Electrical specification:

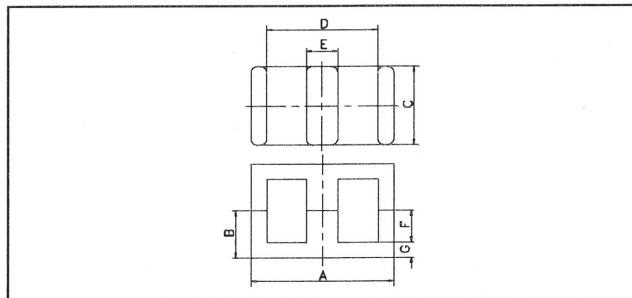
SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1250+/-25%
2	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
3	Total power loss density	25KHz, 200mT, 100°C 100KHz, 100mT, 100°C	110mW/cc max 135mW/cc max
4	Curie Temperature	10 KHz, B<0.1mT	220°C
5	Saturation flux density	H=796A/m. 25°C H=796A/m. 100°C	480 mT typical 380 mT typical

Le=20.70mm Ae=14.5mm<sup>2</sup>

Ve=300mm<sup>3</sup> Cl=1.43mm-1

## Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	13.70-14.30 mm
B	Height (single)	3.40-3.60 mm
C	Thickness	4.70-5.10 mm
D	Inner length	10.75-11.25 mm
E	Center post	2.75-3.05 mm
F	Depth (single)	1.90-2.20 mm
G	Base thickness	1.30mm min



E+E CORES

## Packing specification:

Carton quantity 1512

Prepared by

Issued by



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