

Final Product Specification



Part no : 32-9180-48

Issue No : 01

Description : PLANAR FER/E18X4X10/F48

Issue Date : 05.12.05

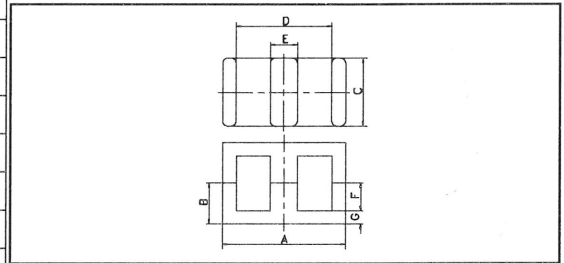
UOM : SINGLE

Electrical specification

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	3200+/-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

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	17.65-18.35 mm
B	Height (single)	3.90-4.10 mm
C	Thickness	9.80-10.20 mm
D	Inner length	13.70-14.30 mm
E	Center post	3.80-4.10 mm
F	Depth (single)	1.90-2.20 mm
G	Base thickness	1.70- 2.20 mm



To be measured as a pair of EE cores

Packing specification:

Carton quantity 480

Prepared by

Issued by



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