

Final Product Specification



Part no : 32-880-48
Issue no : 01

Description : ER14.5X6/F48 UNGAPPED
Issue Date : 15.04.04

Electrical specification

S.No	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1500+30%-20% nH
2	Permeability	B<0.1mT, 10KHz, 25°C	2300±20%
3	Saturation flux density	H=796A/m, 25°C H=796A/m, 100°C	480 mT 380 mT
4	Power loss	100mT, 100KHz, 100°C 200mT, 100KHz, 100°C	70 mW/cc 380 mW/cc
5	Curie temperature	B<0.1mT, 10 KHz	220°C

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	14.30-14.70 mm
B	Inner length	11.60-12.00 mm
C	Center post	4.60-4.80 mm
D	Width	6.60-6.80 mm
E	Depth(Single)	1.55-1.75 mm
F	Height (pair)	5.70-6.10 mm

DRAWING REF : 32-880-00

Prepared by

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