

# Final Product Specification



Part no : 33-9210-48 Description : I CORE 22x2.5X16, F48 AL5700+/-25% without gap  
Issue No : 01 Issue Date : 01.12.04

## Electrical specification


SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	5700+25%-25%*
2	Saturation flux density	H=796A/m, 23+/-2°C H=796A/m, 100°C	470 mT typical 350 mT typical
3	Power loss	100mT, 100KHz, 100°C 50mT, 400KHz, 100°C	115 mW/cc* max 195 mW/cc* max
4	Curie temperature	B<0.1mT, 10 KHz	200°C min
5	Amplitude permeability	400 mT, 23+/-2° C 320 mT, 100°C	1250 MIN* 1000 MIN

## Mechanical specification:

I core spec	Specification
I core thickness	2.45-2.55 mm
I core length	21.80-22.20 mm
I core width	15.50-16.10 mm

1. MMG GB PART NO: 33-9210-48
2. Packing as per packing spec
3. To be measured with 32-9210-48

DRAWING REF : H09-XXXXX-XXX

  
Prepared by

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