

Final Product Specification



Part no : 29-500-48
Issue no : 01

Description : P/CORE 18X11/F48ZERO HALF
Issue date : 07.06.2010
UOM : Each

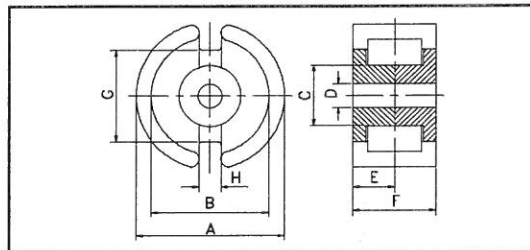
Electrical specification:

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	1 KHz, 5 mV	2900+30%-20%
2	Initial permeability	10KHz, B<0.1mT	2300+/-20%
3	Power loss	100 KHz, 100Mt, 100°C 100 KHz, 200Mt, 100°C	70mW/cc max 380mW/c max
4	Saturation flux Density	H=796A/m, 23+/-2°C H=796A/m 100°C	480 mT 380 mT
5	Curie Temperature	10 KHz, 30 mV	220°C min

Le = 26 mm Ae = 43 mm²
Ve = 1120 mm³ C1 = 0.597 mm⁻¹

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer diameter	17.60-18.40 mm
B	Inner diameter	14.90-15.40 mm
C	Center post	7.30-7.60 mm
D	Bore	3.00-3.10 mm
E	Depth (Single)	3.60-3.80 mm
F	Height (Pair)	10.40-10.70 mm
G	Core width	11.30-11.80 mm
H	Window	3.90-4.40 mm



Packing Specification:

Carton quantity 1248 Each

Prepared by

Issued by

