

Final Product Specification



Part No : 29-400-48
Issue No : 01

Description : P/CORE 11X7/F48 ZERO HALF
Issue date : 09.02.2013
UoM : Each

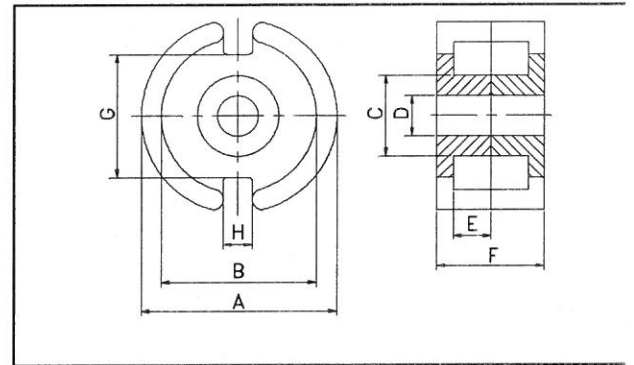
Electrical specification:

S.No	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	1400+30%-20%*
2	Initial 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 diameter	10.90-11.30 mm
B	Inner diameter	9.00-9.40 mm
C	Center post	4.50-4.70 mm
D	Bore	2.00-2.10 mm
E	Depth(Single)	2.20-2.35 mm
F	Height(as a pair)	6.40-6.60 mm
G	Core width	6.50-6.95 mm
H	Window	2.65-3.05 mm

Le=15.9mm Ae=15.9mm²
Ve=252mm³ C1=1.0mm-1



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