

Final Product Specification



Part no : 32-830-48
Issue no : 01

Description : FER/EP17/F48 ZERO HALF CORE
Issue Date : 05.12.05
UOM : Single

Electrical specification

SNO	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor before gapping	10 KHz, 20 mV	2400+30%-20%
2	Inductance factor after gapping	10 KHz, 20 mV	NA
3	Initial permeability	10 KHz, B<0.1mT	2300+/-20%
4	Total power loss density	100 KHz, 100mT, 100°C	70mW/Cc
5	Total power loss density	100 KHz, 200mT, 100°C	380mW/Cc
6	Curie Temperature	10 KHz, B<0.1mT	220°C
7	Saturation fluxdensity	H=796A/m, 25°C	480 mT
	Saturation fluxdensity	H=796A/m, 100°C	380 mT

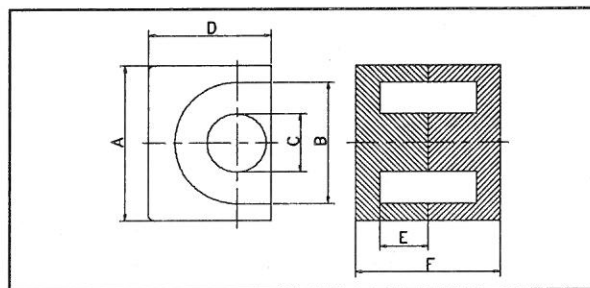
Le=28.5mm

Ae=33.90mm² Amin=25.3mm²

Ve=966mm³ C1=0.84mm⁻¹

Mechanical specification:

ID	PARAMETER	SPECIFICATION
A	Outer length	17.60-18.40 mm
B	Inner length	11.60-12.40 mm
C	Center post	5.50-5.85 mm
D	Thickness	10.75-11.25 mm
E	Depth (single)	5.50-5.80 mm
F	Height (single)	8.20-8.50 mm



Packing specification:

Carton quantity 800

Prepared by

Issued by

