

Final Product Specification



Part no : 29-620-48

Issue no : 01

Description : P/CORE 30x19/F48 Zero Half

Issue date : 07.03.05

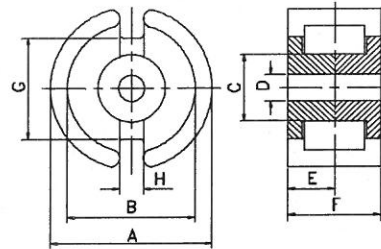
UoM : Single

Electrical specification:

S.No	PARAMETERS	TEST CONDITION	SPECIFICATION
1	Inductance factor	10 KHz, 20 mV	6700+30%-20%*
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: DRAWING REF : 29-620-00

ID	PARAMETER	SPECIFICATION
A	Outer diameter	29.50-30.50 mm
B	Inner diameter	25.00-25.80 mm
C	Center post	13.10-13.50 mm
D	Bore	5.40-5.60 mm
E	Depth	6.50-6.70 mm
F	Height	18.60-19.00 mm
G	Core width	20.00-20.90 mm
H	Window	4.70-5.30 mm



Le = 45 mm Ae=136mm²
Ve=6120mm³ C1=0.33mm⁻¹

Packing Specification:

90-150-69 BOX LINER
TRAY USED 90-057-69
QUANTITY PER TRAY 40
QUANTITY PER BOX (PCK422)
TRAYS/BOXES PER CARTON (PCK420) 8
CARTON QUANTITY 320

1. Must Pass Ring gauge.

Prepared by

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