

Final Product Specification

Part Number : 32-810-37

Issue Number : 1

Description : FER/EP 7/F10 Zero Gap Half

Issue Date : 25-Nov-2006

UOM : Each

Electrical Specification:

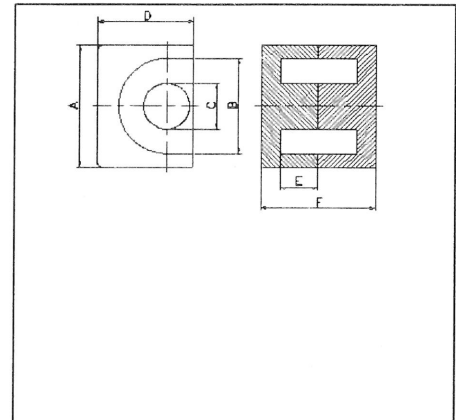
Sl.No.	Parameters	Test Condition	Specification
1	Inductance factor	10 KHz, 20 mV	3400+30%-20% * nH
2	Initial permeability	10kHz, B<0.1mT	6000+/-20%
3	Saturation flux density	H=796 A/m 23+/-2°C	380mT typical
4	Loss factor	100 KHz, 20 mV	20x10 ⁻⁶ max*
5	Hysteresis factor	10 KHz, B=1.5-3.0mT	1.4 max
6	Temperature factor	10 KHz, 30 mV 25-55°C	-1 to 2x10 ⁻⁶
7	Curie Temperature	10 KHz, 30 mV	130 C min
8	Loss factor	100KHz, B=0.1mT, Prod toroid 15 mm min	20x10 ⁻⁶ max*
9	Loss factor	100KHz, B=0.1mT, Prod toroid 15-32 mm	30x10 ⁻⁶ max*
10	Loss factor	100KHz, B=0.1mT Prod toroid 32 mm min	40x10 ⁻⁶ typ *

Le=15.7mm Ae=10.3mm²
Ve=162mm³ C1=1.52mm-1

Mechanical Specification:

ID	Parameter	Specification Before Coating
A	Outer length	9.00-9.40 mm
B	Inner length	7.20-7.60 mm
C	Center post	3.20-3.40 mm
D	Thickness	6.20-6.50 mm
E	Depth (single)	2.50-2.70 mm
F	Height (as a pair)	7.30-7.50 mm

Drawing Ref.: 32-810-00



Packing Specification

CARTON QUANTITY	3200	Each
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Prepared

Checked

Approved

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Sheet No. 1

Total Sheets 1