

USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

MATERIAL: Iron Based Amorphous Metal Alloy

PHYSICAL SPECIFICATION:

Core Build	(a) mm	19.00	±	1.00
Window Width	(b) mm	25.50	±	0.50
Window Length	(c) mm	84.25	±	1.25
Core Height	(d) mm	35.00	±	0.50
Core Width	(e) mm	63.50	±	1.50
Core Length	(f) mm	122.25	±	2.50
Core Weight	(grams)	1143	±	3.0 %

MAGNETIC CHARACTERISTICS:

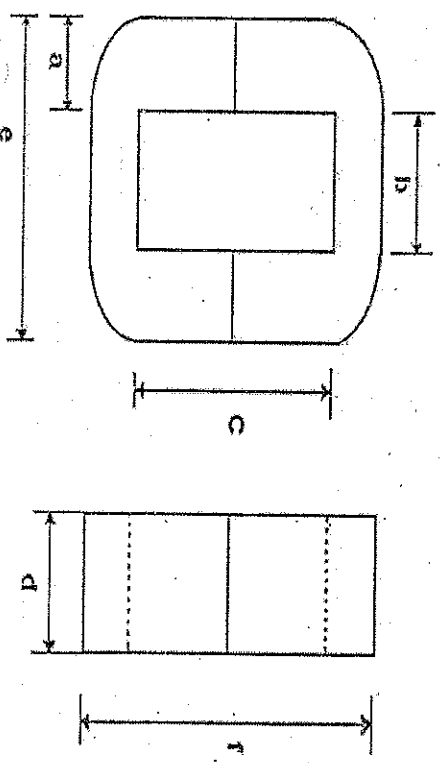
Mean Magnetic Path	(lm) cm	27.90
Net Cross Section Area	(Ac) cm ²	5.59
Window Area	(Wa) cm ²	21.48
Area Product	(Ap) cm ⁴	120.01

ELECTRICAL SPECIFICATION:

Core Loss @ 16.00 KHz: 0.037 T ≤ 1.38 Watts/Kg

SPECIAL INSTRUCTION:

Dimensions: mm
Scale: Not To Scale
Projection: Third Angle



NOTE:
A. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE
B. WEIGHT INCLUDES 2% EPOXY WEIGHT
C. CONTINUOUS OPERATING TEMPERATURE 155 °C

NO.	REV. NO.	DATE	ECON NO.	REVISIONS DETAILS	Checked	Approval

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Enquiry No.: _____
Dated: _____

ED/11/C/ Rev.: 03 Dated 16/08/2011

Core Size: UMCCC -- 125

Verification: _____ Date: 16/8/11

Prepared and Checked By: *DR* Date: 16/8/2011

Feasibility Check and Approved By: _____ Date: 16/8/2011

Customer Approval: _____

Company: _____

Approver Name: _____

Signature: _____ Date: _____

STAMP