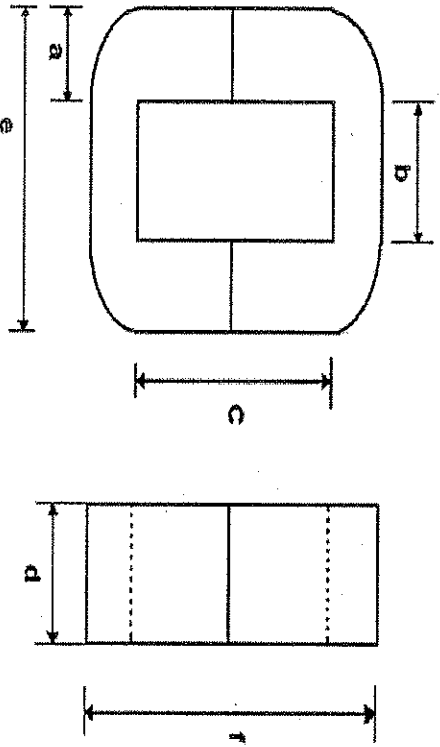


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

**MATERIAL :** Iron Based Amorphous Metal Alloy

Enquiry No. :  
 Dated :  
 ED/11/C/ Rev : 00 Dated 31/12/2011

**DIMENSIONS :**



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

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	10.00	±	1.00
Window Width	(b) mm	35.50	±	0.50
Window Length	(c) mm	85.75	±	1.25
Core Height	(d) mm	20.00	±	0.50
Core Width	(e) mm	55.50	±	1.50
Core Length	(f) mm	105.75	±	2.50
Core Weight	(grams)	337	±	3.0%

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	27.39
Net Cross Section Area	(Ac) cm <sup>2</sup>	1.68
Window Area	(Wa) cm <sup>2</sup>	30.44
Area Product	(Ap) cm <sup>4</sup>	51.14

**ELECTRICAL SPECIFICATION :**

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

**SPECIAL INSTRUCTION :**

**Core Size : UMCCC -- 52**

Verification :  
 Prepared and Checked By : *[Signature]* Date: 21/5/2011  
 Feasibility Check and Approved By : *[Signature]* Date: 21/5/2011

**Customer Approval :**

Company :  
 Approver Name :  
 Signature :  
 Date :

STAMP

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

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