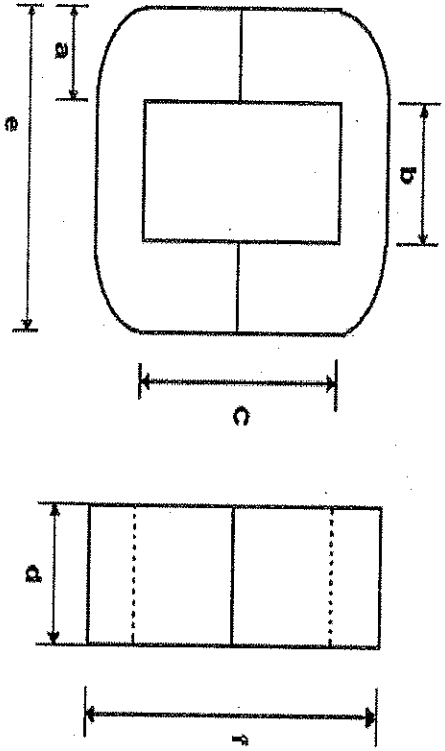


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

**MATERIAL :** Iron Based Amorphous Metal Alloy

**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

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

**NOTICE/DISCLAIMER:** THIS DRAWING, THE PROPERTY OF USHA AMORPHOUS METALS LTD, INDIA IS FURNISHED. SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBEDDED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DOCUMENT SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORISED IN WRITING; ANY PERSON RECEIVE OR OBSERVE THIS DOCUMENT WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER OR NEGLIGENT.

Enquiry No. : \_\_\_\_\_  
 Dated : \_\_\_\_\_  
 ED/12/C/ \_\_\_\_\_ Rev. : \_\_\_\_\_ 00 Dated 26/04/2012

**PHYSICAL SPECIFICATION :**

	(a) mm	(b) mm	(c) mm	(d) mm	(e) mm	(f) mm	(grams)
Core Build	23.00	±	40.00	±	85.00	±	1.00
Window Width	40.00	±	85.00	±	55.00	±	0.50
Window Length	85.00	±	55.00	±	86.00	±	1.25
Core Height	55.00	±	86.00	±	131.00	±	1.00
Core Width	86.00	±	131.00	±	2510	±	1.50
Core Length	131.00	±	2510	±			2.50
Core Weight	2510	±					3.0 %

**MAGNETIC CHARACTERISTICS :**

	(lm) cm	(Ac) cm <sup>2</sup>	(Wa) cm <sup>2</sup>	(Ap) cm <sup>4</sup>
Mean Magnetic Path	32.20			
Net Cross Section Area	10.63			
Window Area	34.00			
Area Product	361.28			

**ELECTRICAL SPECIFICATION :**

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

**SPECIAL INSTRUCTION :**

Core Size : **UMCCC -- 384**

**Verification :**

Prepared and Checked By : *[Signature]* Date : *26/4/12*

Feasibility Check and Approved By : *[Signature]* Date : *26/4/2012*

**Customer Approval :**

Company : \_\_\_\_\_  
 Approver Name : \_\_\_\_\_  
 Signature : \_\_\_\_\_ Date : \_\_\_\_\_  
 STAMP :

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