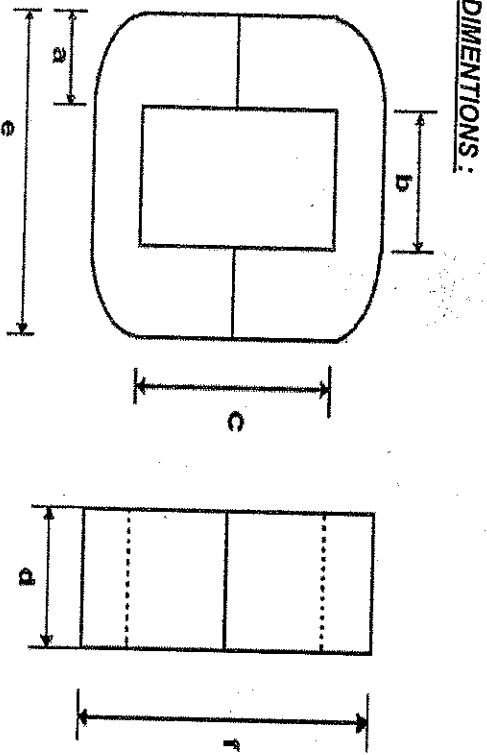


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

**MATERIAL :** Iron Based Amorphous Metal Alloy

Enquiry No. : \_\_\_\_\_  
 Dated : \_\_\_\_\_  
 ED/11/C/ \_\_\_\_\_ Rev. : 00 Dated 15/02/2011



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	ECN NO.	REVISIONS DETAILS	Checked	Approval

**NOTICE/DISCLAIMER:**  
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**PHYSICAL SPECIFICATION :**

	(a) mm	(b) mm	(c) mm	(d) mm	(e) mm	(f) mm	(grams)
Core Build	19.00	±	25.50	±	84.25	±	1306 ±
Window Width	19.00	±	25.50	±	84.25	±	1306 ±
Window Length	25.50	±	84.25	±	40.00	±	122.25 ±
Core Height	84.25	±	40.00	±	63.50	±	2.50
Core Width	40.00	±	63.50	±	122.25	±	3.0 %
Core Length	63.50	±	122.25	±	1306	±	
Core Weight	122.25	±	1306	±			

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	27.90
Net Cross Section Area	(Ac) cm <sup>2</sup>	6.38
Window Area	(Wa) cm <sup>2</sup>	21.48
Area Product	(Ap) cm <sup>4</sup>	137.15

**ELECTRICAL SPECIFICATION :**

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

**SPECIAL INSTRUCTION :**

**Core Size : UMCCC -- 160**

**Verification :**

Prepared and Checked By : \_\_\_\_\_ Date : 15/02/11

Feasibility Check and Approved By : *[Signature]* Date : 15/02/2011

**Customer Approval :**

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

STAMP

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