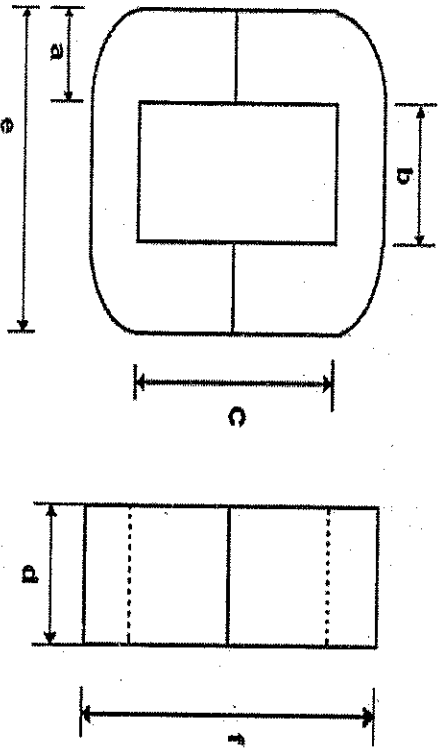


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

**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:**

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Enquiry No. : \_\_\_\_\_  
Dated : \_\_\_\_\_  
ED/11/C/ \_\_\_\_\_ Rev. : \_\_\_\_\_ 00 Dated 31/01/2011

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	24.80	±	1.00
Window Width	(b) mm	85.00	±	0.50
Window Length	(c) mm	85.00	±	1.25
Core Height	(d) mm	25.00	±	1.50
Core Width	(e) mm	134.60	±	2.50
Core Length	(f) mm	134.60	±	3.00
Core Weight	(grams)	1593	±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	41.70
Net Cross Section Area	(Ac) cm <sup>2</sup>	5.21
Window Area	(Wa) cm <sup>2</sup>	72.25
Area Product	(Ad) cm <sup>4</sup>	376.28

**ELECTRICAL SPECIFICATION :**

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

**SPECIAL INSTRUCTION :**

Core Size : **UMCCC -- 370**

Verification : \_\_\_\_\_ Date : 31/1/2011  
Prepared and Checked By : \_\_\_\_\_ Date : 31/1/2011  
Feasibility Check and Approved By : \_\_\_\_\_ Date : 31/1/2011

**Customer Approval :**

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