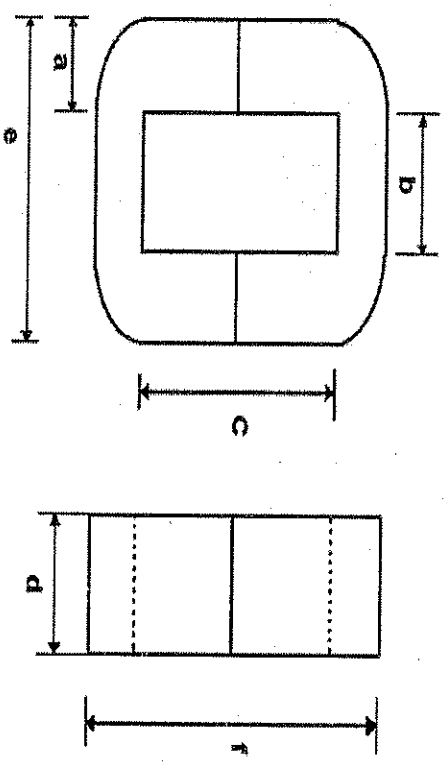


# USHA AMORPHOUS METALS LTD., INDIA (C-CORE DESIGN)

**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	ECON NO.	REVISIONS DETAILS	Checked	Approval

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Enquiry No. : \_\_\_\_\_  
 Dated : \_\_\_\_\_  
 ED/10/C/ \_\_\_\_\_ Rev. : 00 Dated 09/12/2010

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	6.50	±	0.50
Window Width	(b) mm	7.10	±	0.50
Window Length	(c) mm	14.50	±	1.00
Core Height	(d) mm	25.00	±	1.00
Core Width	(e) mm	20.10	±	1.50
Core Length	(f) mm	27.50	±	2.00
Core Weight	(grams)	63	±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	6.33
Net Cross Section Area	(Ac) cm <sup>2</sup>	1.37
Window Area	(Wa) cm <sup>2</sup>	1.03
Area Product	(Ap) cm <sup>4</sup>	1.41

**ELECTRICAL SPECIFICATION :**

Core Loss @ 16.00 KHz; 0.037 T ≤ 2.50 Watts/Kg

**SPECIAL INSTRUCTION :**

**Core Size : UMCCC -- 1**

**Verification :**

Prepared and Checked By : \_\_\_\_\_ Date : 9.12.10

Feasibility Check and Approved By : *siroja* Date : 9/12/2010

**Customer Approval :**

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

STAMP