

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

Enquiry No. : \_\_\_\_\_

Dated : \_\_\_\_\_

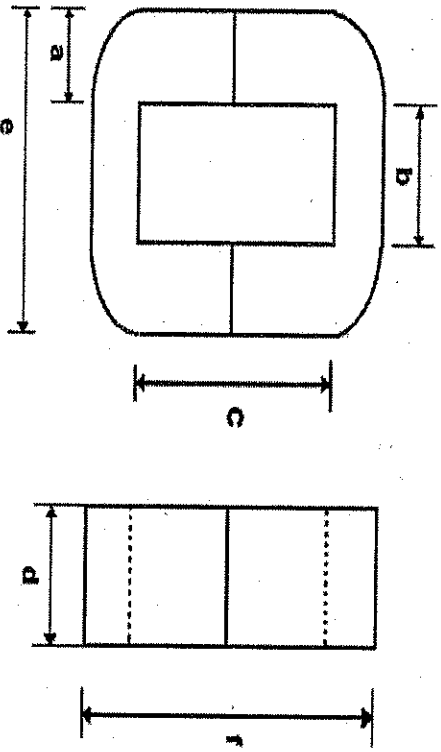
ED/1/C/

Rev. :

00 Dated 28/01/2011

**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

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	33.00	±	1.00
Window Width	(b) mm	40.50	±	0.50
Window Length	(c) mm	106.25	±	1.25
Core Height	(d) mm	85.00	±	1.50
Core Width	(e) mm	106.50	±	2.50
Core Length	(f) mm	172.25	±	3.50
Core Weight	(grams)	6847	±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	39.63
Net Cross Section Area	(Ac) cm <sup>2</sup>	23.56
Window Area	(Wa) cm <sup>2</sup>	43.03
Area Product	(Ap) cm <sup>4</sup>	1013.90

**ELECTRICAL SPECIFICATION :**

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

**SPECIAL INSTRUCTION :**

Core Size : **UMCCC -- 1000**

**Verification :**

Prepared and Checked By : \_\_\_\_\_ Date : 28.01.2011

Feasibility Check and Approved By : \_\_\_\_\_ Date : 28/01/2011

**Customer Approval :**

Company : \_\_\_\_\_

Approver Name : \_\_\_\_\_

Signature : \_\_\_\_\_ Date : \_\_\_\_\_

STAMP

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

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