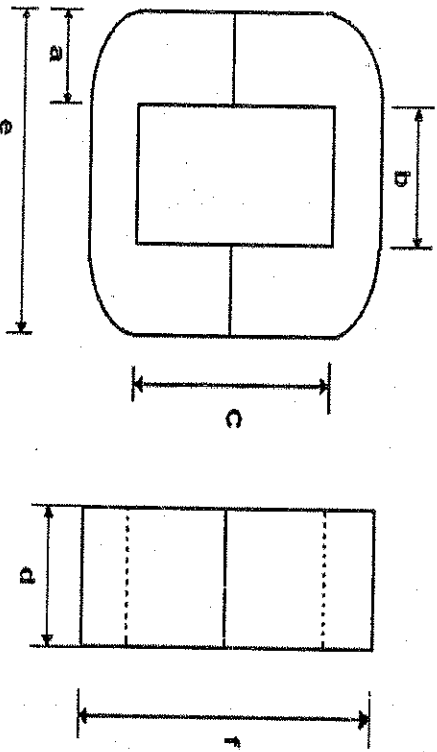


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

Enquiry No. : \_\_\_\_\_  
 Dated : \_\_\_\_\_  
 ED/11/C/ \_\_\_\_\_ Rev. : \_\_\_\_\_ 00 Dated 24/10/2011

**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

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

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**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	19.00	±	1.00
Window Width	(b) mm	25.50	±	0.50
Window Length	(c) mm	91.25	±	1.25
Core Height	(d) mm	60.00	±	1.00
Core Width	(e) mm	63.50	±	1.50
Core Length	(f) mm	129.25	±	2.50
Core Weight	(grams)	2058	±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	29.30
Net Cross Section Area	(Ac) cm <sup>2</sup>	9.58
Window Area	(Wa) cm <sup>2</sup>	23.27
Area Product	(Ap) cm <sup>4</sup>	222.82

**ELECTRICAL SPECIFICATION :**

Core Loss @ 16.00 KHz, 0.037 T ≤ 1.20 Watts/Kg

**SPECIAL INSTRUCTION :**

**Core Size : UMCCC -- 250**

**Verification :**

Prepared and Checked By : [Signature] Date : 24/10/2011

Feasibility Check and Approved By : [Signature] Date : 24/10/2011

**Customer Approval :**

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