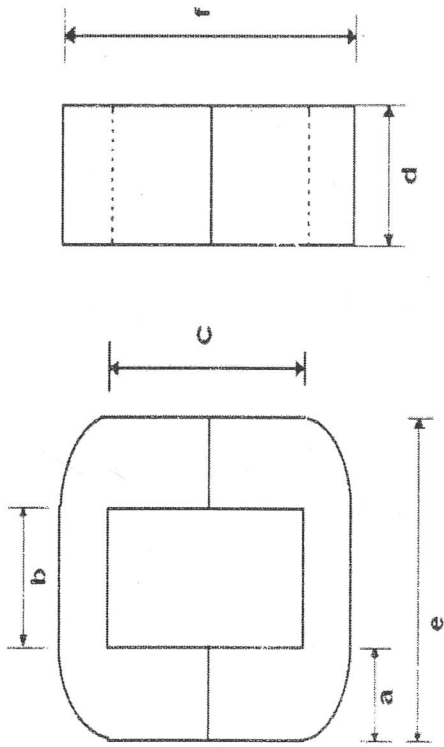


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

Enquiry No.: \_\_\_\_\_  
 Dated \_\_\_\_\_  
 ED/12/C/ Rev.: 00 Dated 02/07/2012

**MATERIAL:** Nano Crystalline

**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	25.00 ±	1.00
Window Width	(b) mm	25.00 ±	0.50
Window Length	(c) mm	100.00 ±	1.25
Core Height	(d) mm	35.00 ±	+ 1.00/- 0.5
Core Width	(e) mm	75.00 ±	2.53
Core Length	(f) mm	150.00 ±	3.00
Core Weight	(grams)	1738 ±	3.0 %

**MAGNETIC CHARACTERISTICS:**

Mean Magnetic Path	(lm) cm	32.76
Net Cross Section Area	(Ac) cm <sup>2</sup>	7.18
Window Area	(Wa) cm <sup>2</sup>	25.00
Area Product	(Ap) cm <sup>4</sup>	179.38

**ELECTRICAL SPECIFICATION:**

Core Loss @ 16.00 KHz: 0.037 T ≤ 0.40 Watts/Kg

**SPECIAL INSTRUCTION:**

NO AIR GAP IS ACCEPTED AT MATING SURFACES

**Core Size: UMNCC -- 180**

**Verification:**

Prepared and Checked By:  Date: 2/07/12  
 Feasibility Check and Approved By:  Date: 2/07/12

**Customer Approval:**

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

NO.	REV NO.	DATE	ECN NO	REVISIONS DETAILS	Checked	Approval
1	01	02.07.12		dim changed a 20 to 25.0mm & d 40.0 to 35.0 mm	R vishnc	

**NOTICE/DISCLAIMER:**

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