

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

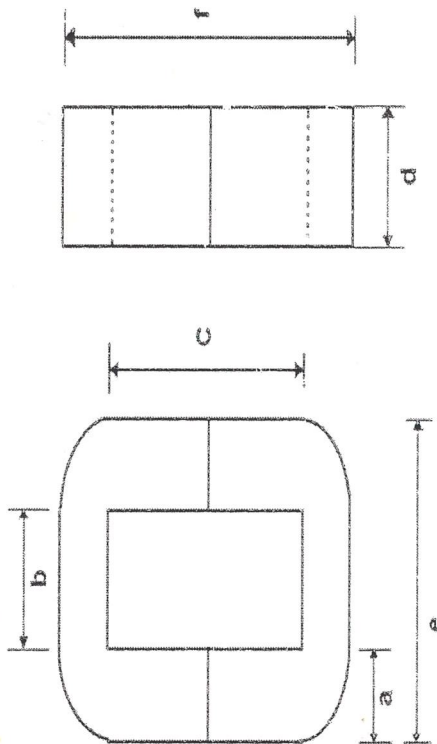
Enquiry No.:

Dated: 11.04.2012

ED/12/C/ Rev.: 00 Dated 11/04/2012

**MATERIAL:** Nano Crystalline

**DIMENSIONS:**



Dimensions: mm

Scale: Not To Scale

Projection: Third Angle

**PHYSICAL SPECIFICATION:**

Core Build	(a) mm	19.00	±	1.00
Window Width	(b) mm	25.50	±	0.50
Window Length	(c) mm	84.25	±	1.25
Core Height	(d) mm	35.00	+	0.50
Core Width	(e) mm	63.50	±	1.50
Core Length	(f) mm	122.25	±	2.50
Core Weight	(grams)	1150	±	3.0 %

**MAGNETIC CHARACTERISTICS:**

Mean Magnetic Path	(lm) cm	27.83
Net Cross Section Area	(Ac) cm <sup>2</sup>	5.59
Window Area	(Wa) cm <sup>2</sup>	21.48
Area Product	(Ap) cm <sup>4</sup>	120.01

**ELECTRICAL SPECIFICATION:**

Core Loss @ 16.00 kHz; 0.037 T ≤ 0.40 Watts/Kg

**SPECIAL INSTRUCTION:**

- NOTE:**
- A. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE
  - B. WEIGHT INCLUDES 2% EPOXY WEIGHT
  - C. CONTINUOUS OPERATING TEMPERATURE 155 ° C

**Core Size : UMNCC -- 125**

**Verification:**

Prepared and Checked By: \_\_\_\_\_ Date: 11/4/12

Feasibility Check and Approved By: \_\_\_\_\_ Date: 11/4/12

**Customer Approval:**

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

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

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

STAMP

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

**NOTICE/DISCLAIMER:**

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