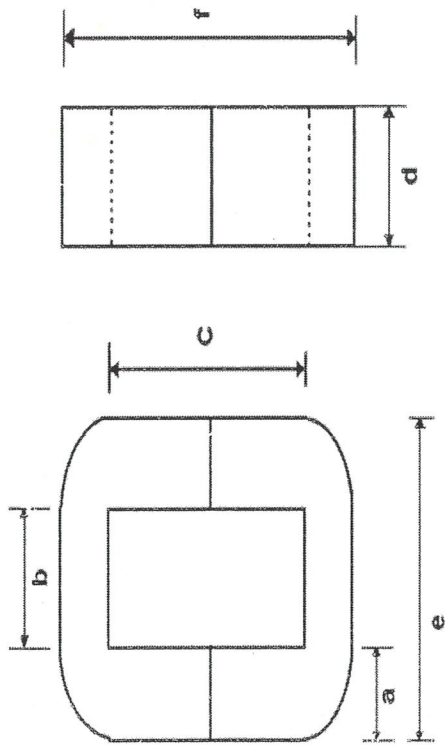


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

Inquiry No. : \_\_\_\_\_  
 Dated: 15.03.2012  
 ED/12/C/ Rev. : 00 Dated 16/03/2012

**MATERIAL :** Nano Crystalline

**DIMENSIONS :**



Dimensions: mm

Scale: Not To Scale

Protection: Third Angle

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	12.50 ±	0.50
Window Width	(b) mm	25.00 ±	0.50
Window Length	(c) mm	65.00 ±	1.00
Core Height	(d) mm	15.00 ±	0.50
Core Width	(e) mm	50.00 ±	1.00
Core Length	(f) mm	90.00 ±	1.50
Core Weight	(grams)	246 ±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	21.67
Net Cross Section Area	(Ac) cm <sup>2</sup>	1.54
Window Area	(Wa) cm <sup>2</sup>	16.25
Area Product	(Ap) cm <sup>4</sup>	24.98

**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 -- 25A**

**Verification :**

Prepared and Checked By : *[Signature]* Date : 16/3/2012

Feasibility Check and Approved By : *[Signature]* Date : 16/3/2012

**Customer Approval :**

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

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

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

STAMP

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

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