

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

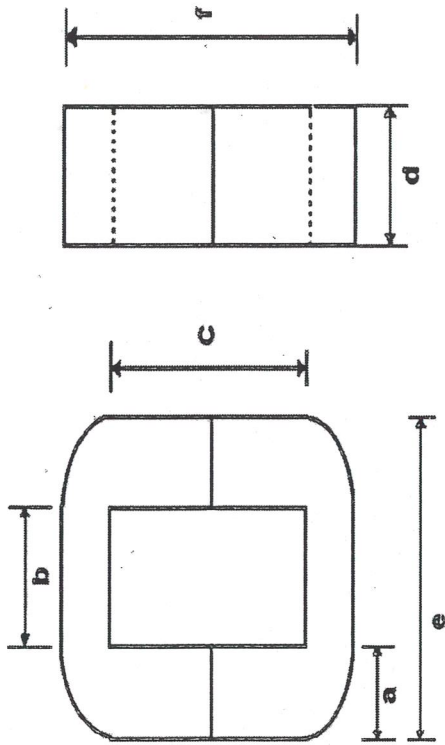
Inquiry No. :

Dated :

ED/11/C/ Rev. : 00 Dated 08/10/2011

**MATERIAL :** Nano Crystalline

**DIMENSIONS :**



Dimensions: mm  
Scale: Not To Scale  
Projection: Third Angle

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	16.00	±	0.50
Window Width	(b) mm	20.50	±	0.50
Window Length	(c) mm	71.25	±	1.00
Core Height	(d) mm	45.00	+	0.50
Core Width	(e) mm	52.50	±	1.50
Core Length	(f) mm	103.25	±	2.00
Core Weight	(grams)	1042	±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	23.29
Net Cross Section Area	(Ac) cm <sup>2</sup>	6.05
Window Area	(Wa) cm <sup>2</sup>	14.61
Area Product	(Ap) cm <sup>4</sup>	88.34

**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 -- 100**

**Verification :**

Prepared and Checked By : *[Signature]* Date : 8/10/2011

Feasibility Check and Approved By : *[Signature]* Date : 8/10/2011

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

**Customer Approval :**

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

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

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

STAMP

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