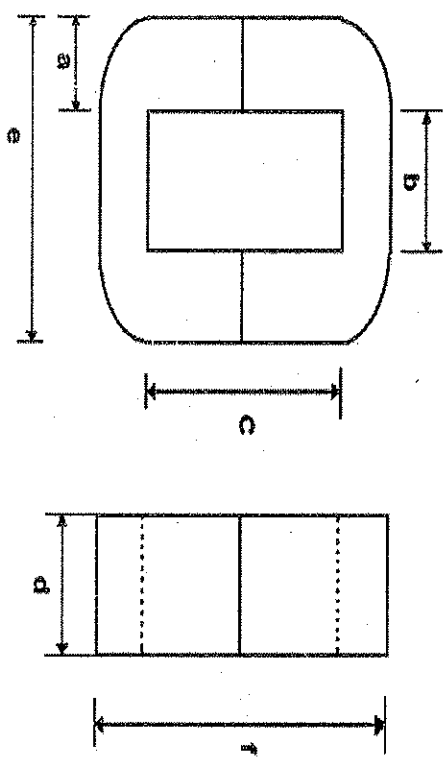


# USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

Enquiry No. :  
 Dated :  
 ED/12/C/ Rev. : 00 Dated 26/04/2012

**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

**PHYSICAL SPECIFICATION :**

Core Build	(a) mm	15.00 ±	0.80
Window Width	(b) mm	20.50 ±	0.50
Window Length	(c) mm	71.25 ±	1.25
Core Height	(d) mm	25.00 ±	0.50
Core Width	(e) mm	50.50 ±	1.50
Core Length	(f) mm	101.25 ±	2.50
Core Weight	(grams)	532 ±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	23.04
Net Cross Section Area	(Ac) cm <sup>2</sup>	3.15
Window Area	(Wa) cm <sup>2</sup>	14.61
Area Product	(Ap) cm <sup>4</sup>	46.01

**ELECTRICAL SPECIFICATION :**

Core Loss @ 16.00 KHZ: 0.037 T ≤ 1.38 Watts/Kg

**SPECIAL INSTRUCTION :**

Core Size : **UMCCC -- 48**

Verification :  
 Prepared and Checked By : *[Signature]* Date: 26/4/12  
 Feasibility Check and Approved By : *[Signature]* Date: 26/4/2012

**Customer Approval :**

Company :  
 Approver Name :  
 Signature :  
 Date :  
 STAMP

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

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