

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

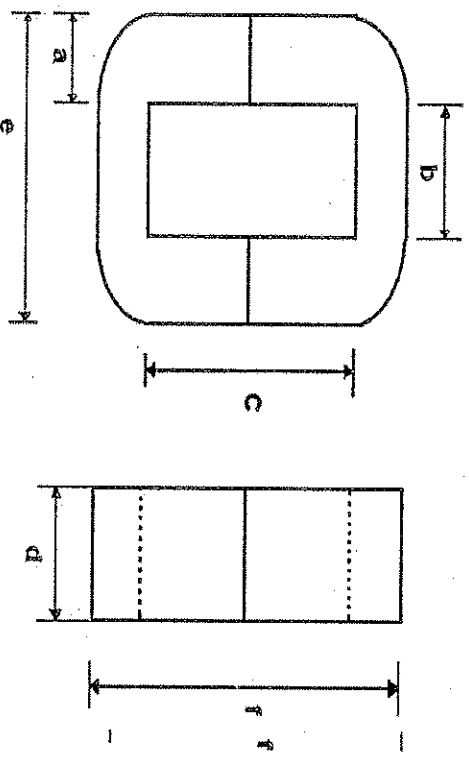
Enquiry No. : \_\_\_\_\_

Dated : \_\_\_\_\_

ED/10/C/ 45 Rev. : 00 Dated 17/08/2010

**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	13.00	±	0.80
Window Width	(b) mm	15.50	±	0.50
Window Length	(c) mm	57.00	±	1.00
Core Height	(d) mm	25.00	±	0.50
Core Width	(e) mm	41.50	±	1.50
Core Length	(f) mm	83.00	±	2.00
Core Weight	(grams)	372	±	3.0 %

**MAGNETIC CHARACTERISTICS :**

Mean Magnetic Path	(lm) cm	18.57
Net Cross Section Area	(Ac) cm <sup>2</sup>	2.73
Window Area	(Wa) cm <sup>2</sup>	8.84
Area Product	(Ap) cm <sup>4</sup>	24.12

**ELECTRICAL SPECIFICATION :**

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

**SPECIAL INSTRUCTION :**

**Core Size : UMCCC 25**

**Verification :**

Prepared and Checked By : [Signature] Date : 14.08.10

Feasibility Check and Approved By : [Signature] Date : 12/08/10

**Customer Approval :**

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

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

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

STAMP

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

**NOTICE/DISCLAIMER:**

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