

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

Enquiry No. :

Dated :

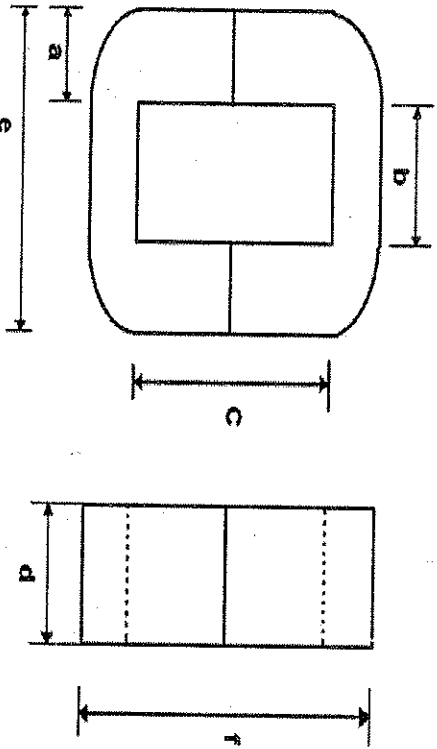
ED/11C/

Rev. :

00 Dated 01/12/2011

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

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

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PHYSICAL SPECIFICATION :

Core Build	(a) mm	33.00	±	1.00
Window Width	(b) mm	40.50	±	0.50
Window Length	(c) mm	106.25	±	1.25
Core Height	(d) mm	142.00	±	1.50
Core Width	(e) mm	106.50	±	1.50
Core Length	(f) mm	172.25	±	2.50
Core Weight	(grams)	11439	±	3.0 %

MAGNETIC CHARACTERISTICS :

Mean Magnetic Path	(lm) cm	39.63
Net Cross Section Area	(Ac) cm ²	39.36
Window Area	(Wa) cm ²	43.03
Area Product	(Ap) cm ⁴	1693.81

ELECTRICAL SPECIFICATION :

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

SPECIAL INSTRUCTION :

Core Size : UMCCC -- 1775

Verification :

Prepared and Checked By :

RS

Date : 01.12.2011

Feasibility Check and Approved By :

[Signature]

Date : 01.12.2011

Customer Approval :

Company :

Approver Name :

Signature :

Date :

STAMP

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