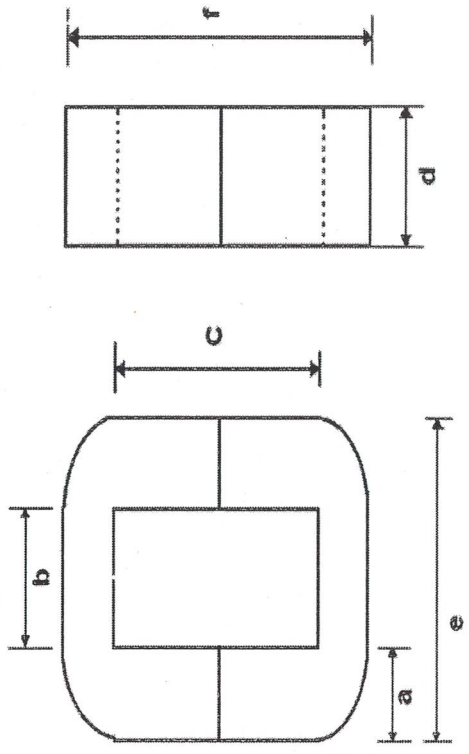


USHA AMORPHOUS METALS LTD, INDIA (C-CORE DESIGN)

Enquiry No. : _____
 Dated : 16.03.2012
 ED/12/C/ Rev. : 00 Dated 16/03/2012

MATERIAL : Nano Crystalline

DIMENSIONS :



Dimensions: mm
Scale: Not To Scale
Protection: 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	10.00	±	0.50
Window Width	(b) mm	11.50	±	0.50
Window Length	(c) mm	34.00	±	1.00
Core Height	(d) mm	20.00	±	0.50
Core Width	(e) mm	31.50	±	1.00
Core Length	(f) mm	54.00	±	1.50
Core Weight	(grams)	145	±	3.0 %

MAGNETIC CHARACTERISTICS :


Mean Magnetic Path	(l_m) cm	11.98
Net Cross Section Area	(A_c) cm ²	1.64
Window Area	(W_a) cm ²	3.91
Area Product	(A_p) cm ⁴	6.41

ELECTRICAL SPECIFICATION :

Core Loss @ 16.00 kHz; 0.037 T ≤ 0.40 Watts/Kg

SPECIAL INSTRUCTION :

Core Size : UMNCC -- 6.3

Verification : _____ Date : 16/3/12
 Prepared and Checked By :  _____ Date : _____
 Feasibility Check and Approved By : _____ Date : _____

Customer Approval :

Company : _____
 Approver Name : _____
 Signature : _____ Date : _____
 STAMP

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

NOTICE/DISCLAIMER: THIS DRAWING, THE PROPERTY OF USHA AMORPHOUS METALS LTD., INDIA IS FURNISHED. SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBEDDED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DOCUMENT SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORISED IN WRITING; ANY PERSON RECEIVE OR OBSERVE THIS DOCUMENT WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER OR NEGLIGENT.