

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

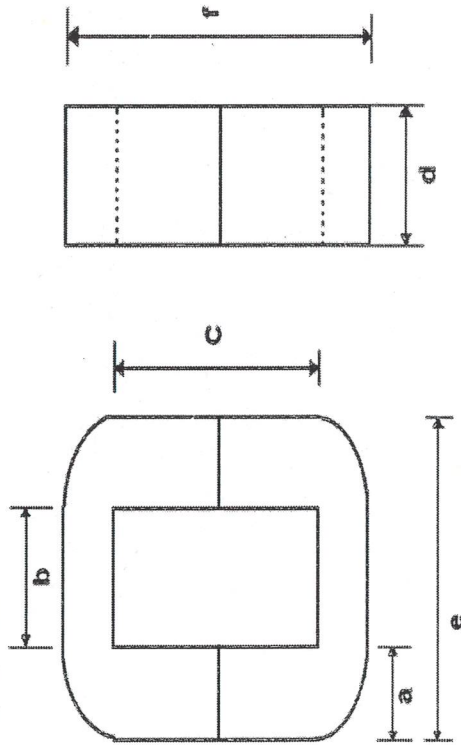
Enquiry No.:

Dated:

ED/12/C/ Rev.: 00 Dated 07/05/2012

MATERIAL: Nano Crystalline

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	11.00	±	0.50
Window Width	(b) mm	13.50	±	0.50
Window Length	(c) mm	41.00	±	1.00
Core Height	(d) mm	25.00	+	0.50
Core Width	(e) mm	35.50	±	1.50
Core Length	(f) mm	63.00	±	1.50
Core Weight	(grams)	245	±	3.0 %

MAGNETIC CHARACTERISTICS:

Mean Magnetic Path	(lm) cm	14.34
Net Cross Section Area	(Ac) cm ²	2.31
Window Area	(Wa) cm ²	5.54
Area Product	(Ap) cm ⁴	12.79

ELECTRICAL SPECIFICATION:

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

SPECIAL INSTRUCTION:

Core Size: UMNCC -- 16A

Verification:

Prepared and Checked By: *[Signature]* Date: 07/05/12

Feasibility Check and Approved By: *[Signature]* Date: 07/05/12

Customer Approval:

Company: _____

Approver Name: _____

Signature: _____ Date: _____

STAMP

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

NOTICE/DISCLAIMER:

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