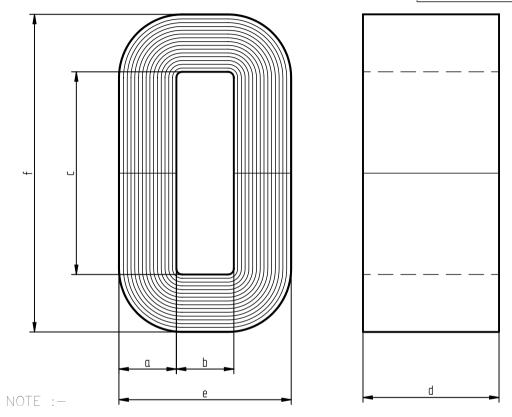
# AMCC312A

#### NOTES:-

- 1.) CUSTOMER TO MARK THE DIMENSIONS/CHARACTERISTICS THAT ARE CRITICAL TO FIT/FORM AND FUNCTION ON THE DRAWING
- 2.) NUMBER OF COMPONENTS TO BE SUBMITTED FOR PILOT PRODUCTION LOT=\_\_\_\_\_PIECES.
- 3.) UNLESS OTHERWISE SPECIFIED, STANDARD PACKAGING USED BY HITACHI METGLAS WILL BE PROVIDED
- 4.) ALL PRODUCTION RECORDS AND DATA PERTAINING TO THIS PRODUCT WILL BE RETAINED FOR A PERIOD OF 1 YEAR FROM THE DATE OF SHIPMENT.



# PHYSICAL SPECIFICATIONS

 $19.0 \pm 1.0$ Core Build (a) mm (b) mm 19.0+1.0/-0.0 Window Width 67.00+1.5/-0.0 (c) mm Window Length 45.0+1.0/-0.0 Core Height (d) mm Core Width (e) mm  $57.0 \pm 1.0$ Core Length (f) mm  $105.0 \pm 3.0$ 25.45 Mean Magnetic Path (Im) cm (Ac) cm<sup>2</sup> 7.01 Net Area  $(Wa) cm^2$ 12.73 Window Area (Ap) cm<sup>4</sup> 89.25 Area Product 1281 (Nom.) Weight of Core g

#### ELECTRICAL SPECIFICATIONS

Core Loss @ 16kHz, 0.037 T ≤ 1.38W\Kg.

1. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.

2. WEIGHT INCLUDES 2% EPOXY WEIGHT.

3. CONTINUOUS OPERATING TEMPERATURE: 155°C

lm = mean magnetic path length

Ac = net cross-sectional area

Wa = core window area

### CORE MATERIAL: MEGLAS®ALLOY 2605SA1

NOTE :-
THIS DRAWING, THE PROPERTY OF HITACHI
METGLAS INDIA PVT. LTD. IS FURNISHED
SUBJECT TO RETURN ON DEMAND AND THE
CONDITION THAT THE INFORMATION AND
TECHNOLOGY EMBODIED HEREIN SHALL NOT
BE DISCLOSED OR USED AND THE DRAWING
SHALL NOT BE REPRODUCED OR COPIED IN
WHOLE OR IN PART EXCEPT AS PREVIOUSLY
AUTHORIZED IN WRITING. ANY PERSON WHO
MAY RECEIVE OR OBSERVE THIS DESIGN
WILL BE HELD STRICTLY LIABLE FOR ANY
VIOLATION WHETHER WILLFUL OR NEGLIGENT.

				1.		
TOLERANCES UNLESS OTHERWISE SPECIFIE	D NO.	REVISION	BY	APPR.	DATE	
	1.)	DIM. b,c & d WAS 20,67 & 47.93MM	SA	RK	18/02/0	
	2.)	PRODUCT & DRAWING FORMAT REVISED. (AS PER PCN004)	RG	RK	25/09/0	

	BY	APPR.	DATE	DIMENSIONS	MM	DESCRIP		C-CORE D	ESIGNI		SHE	EET O.	DRAW		REV. NO.	
M	SA	RK	18/02/04	SCALE	N.T.S	MATERIA	I.		201014		-			•		
ED.	RG	RK	25/09/06	PROJECTION	THIRD ANGLE			AS NOTED			1 0	F 1	AMCC.	312A	2	
				i	ГАСНІ		SD	09/02/04	SA	09/02	9/02/04		4 RK 09		09/02/04	
				MET	GLA	.S	DRAWN	DATE	CHECKED	DAT	DATE A		ROVED	DATE		