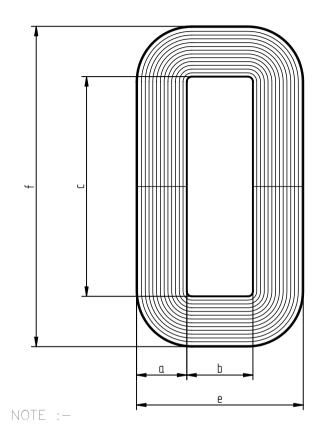
AMC C - 125



- 1. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.
- 2. WEIGHT INCLUDES 2% EPOXY WEIGHT.
- 3. CONTINUOUS OPERATING TEMPERATURE: 155°C

CORE MATERIAL: MEGLAS®ALLOY 2605SA1

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

I	TOLERANCES	unless	OTHERWISE	SPECIFIED	NO.	REVISION	BY	APPR.	DATE	D
Ì					1.)	CORE LOSS WAS WRITTEN MEASURED @ 0.37T BY MISTAKE, INSTEAD OF 0.037T		SR	04/19/02	٤
l					2.)	COMPANY NAME WAS HONEYWELL.	SA	RK	02/14/04	F
l					3.)	ADDED NOTE#3. (AS PER PCN002).	SA	RK	07/26/04	H
					4.)	PRODUCT & DRAWING FORMAT REVISED. (AS PER PCN004)	RG	RK	25/09/06	1
										I
										L

PHYSICAL SPECIFICATIONS

1.) CUSTOMER TO MARK THE DIMENSIONS/CHARACTERISTICS THAT ARE CRITICAL TO FIT/FORM AND

2.) NUMBER OF COMPONENTS TO BE SUBMITTED FOR PILOT PRODUCTION LOT=_____PIECES.
3.) UNLESS OTHERWISE SPECIFIED, STANDARD PACKAGING USED BY HITACHI METGLAS WILL BE

4.) ALL PRODUCTION RECORDS AND DATA PERTAINING TO THIS PRODUCT WILL BE RETAINED FOR A

PERIOD OF 1 YEAR FROM THE DATE OF SHIPMENT.

Core Build	(a) mm	19.0 ± 1.0
Window Width	(b) mm	25.0+1.0/-0.0
Window Length	(c) mm	83.0+2.5/-0.0
Core Height	(d) mm	35.0+1.0/-0.0
Core Width	(e) mm	63.0+1.0/-0.5
Core Length	(f) mm	121.0+3.0/-0.0
Mean Magnetic Path	(Im) cm	30.20
Net Area	(Ac) cm ²	5.40
Window Area	(Wa) cm ²	20.80
Area Product	(Ap) cm ⁴	112.10
Weight of Core	g	1170 (Nom.)

ELECTRICAL SPECIFICATIONS

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

Im = mean magnetic path length

Ac = net cross-sectional area

Wa = core window area

BY	APPR.	DATE	DIMENSIONS	MM	DESCRIP		-CORE D	ESIGN		,			NO.
	SR	04/19/02	SCALE	N.T.S	MATERIA		O O O NE D	231014					
SA	RK	02/14/04	PROJECTION	THIRD			AS NOTED			1 OF	AMC C	-125	4
SA	RK	07/26/04											
RG	RK	25/09/06] HIT	HITACH		SR	07/12/01	SR	07/12	/01 RH	,RM,ST	07/1	19/01
			METGLA		S	DRAWN	DATE	CHECKED	DAT	E AP	PROVED	DAT	LE
	SA SA	SR SA RK SA RK	SR 04/19/02 SA RK 02/14/04 SA RK 07/26/04	SR 04/19/02 SCALE SA RK 02/14/04 PROJECTION SA RK 07/26/04 RG RK 25/09/06 HIT	SA RK 07/26/04 RG RK 25/09/06 SCALE N.T.S SCALE N.T.S PROJECTION THIRD ANGLE HITACH	SR	SR	SR	SR	SR	SR	SR	SR

EG/FM/11/2