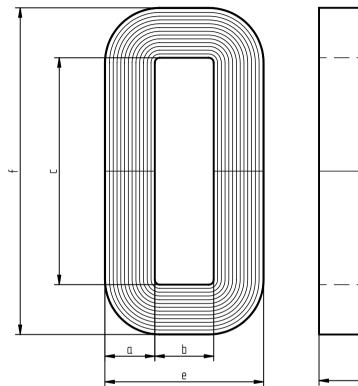
# AMCC-20

#### 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.



### NOTE :-

- 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

| CORE MATERIAL: MEGLAS ALLOY 2605SAT   |            |        |           |           |     |  |    |       |          |
|---|------------|--------|-----------|-----------|-----|--|----|-------|----------|
| NOTE :-<br>HIS DRAWING, THE PROPERTY OF HITACHI   | TOLERANCES | unless | OTHERWISE | SPECIFIED | NO. | REVISION   | BY | APPR. | DATE     |
| METGLAS INDIA PVT. LTD. IS FURNISHED<br>SUBJECT TO RETURN ON DEMAND AND THE   |            |        |           |           | 1.) | CORE LOSS WAS WRITTEN MEASURED @ 0.37T BY MISTAKE, INSTEAD OF 0.037T |    | SR    | 04/19/0: |
| CONDITION THAT THE INFORMATION AND ECHNOLOGY EMBODIED HEREIN SHALL NOT  |            |        |           |           | 2.) | COMPANY NAME WAS HONEYWELL.  | SA | RK    | 02/14/04 |
| E DISCLOSED OR USED AND THE DRAWING HALL NOT BE REPRODUCED OR COPIED IN   |            |        |           |           | 3.) | ADDED NOTE#3 . (AS PER PCN002).                                      | SA | RK    | 07/26/04 |
| /HOLE OR IN PART EXCEPT AS PREVIOUSLY<br>UTHORIZED IN WRITING. ANY PERSON WHO                                       |            |        |           |           | 4.) | PRODUCT & DRAWING FORMAT REVISED.<br>(AS PER PCN004)                 | RG | RK    | 25/09/06 |
| MAY RECEIVE OR OBSERVE THIS DESIGN  //ILL BE HELD STRICTLY LIABLE FOR ANY  //IOLATION WHETHER WILLFUL OR NEGLIGENT. |            |        |           |           |     |  |    |       |          |
|   |            |        |           |           |     |  |    |       |          |

# PHYSICAL SPECIFICATIONS

| Core Build         | (a) mm               | $11.0\pm0.8$  |
|--------------------|----------------------|---------------|
| Window Width       | (b) mm               | 13.0+1.0/-0.0 |
| Window Length      | (c) mm               | 50.0+2.0/-0.0 |
| Core Height        | (d) mm               | 30.0+0.5/-0.0 |
| Core Width         | (e) mm               | 35.0+1.0/-0.5 |
| Core Length        | (f) mm               | 72.0+2.0/-0.0 |
| Mean Magnetic Path | (Im) cm              | 17.50         |
| Net Area           | (Ac) cm <sup>2</sup> | 2.70          |
| Window Area        | (Wa) cm²             | 6.50          |
| Area Product       | (Ap) cm <sup>4</sup> | 17.60         |
| Weight of Core     | g                    | 340 (Nom.)    |
|                    |                      |               |

## ELECTRICAL SPECIFICATIONS

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

DESCRIPTION

Im = mean magnetic path length

Ac = net cross-sectional area

Wa = core window area

DIMENSIONS MM

|        | SCALE<br>PROJECTION | N.T.S<br>THIRD | MATERIA | L    | AS NOTED |     |       | 1 C  | F 1   | AMCC  | -20  | 4    |
|--------|---------------------|----------------|---------|------|----------|-----|-------|------|-------|-------|------|------|
|        | НІТ                 | ACH            | _       | SR   | 07/12/01 | SR  | 07/12 | 2/01 | RH,   | RM,ST | 07/1 | 9/01 |
| METGLA |                     | .S             | DRAWN   | DATE | CHECKED  | DAT | E     | APP  | ROVED | DA    | TE   |      |

SHEET DRAWING REV.

EG/FM/11/2