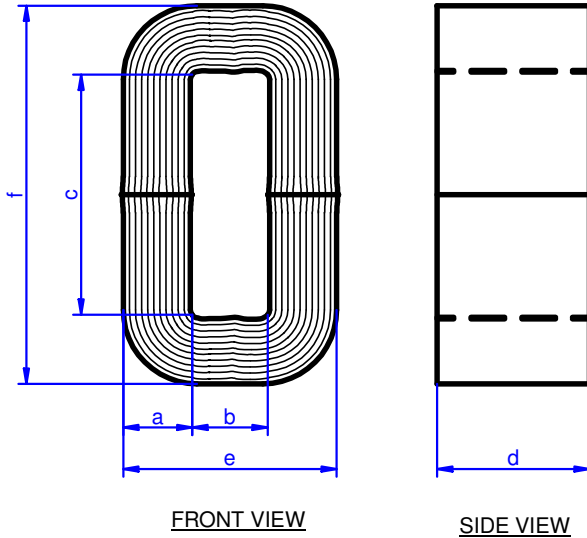


# AMCC16A



<b>PHYSICAL SPECIFICATIONS (mm)</b>	CORE BUILD (a)	WINDOW WIDTH (b)	WINDOW LENGTH (c)	CORE HEIGHT (d)	CORE WIDTH (e)	CORE LENGTH (f)	WEIGHT OF CORE # (g)
	11.0	13.0	40.0	25.0	35.0	62.0	248
<b>TOLERANCES (mm)</b>	±0.8	MIN.	MIN.	±0.5	+1.0 / -0.5	+2.0 / -0.0	NOM.

# WEIGHT INCLUDES 2% (NOM.) EPOXY WEIGHT.

<b>CALCULATED SPECS</b>	STACK FACTOR	MEAN MAGNETIC PATH LENGTH (lm)	NET CROSS SECTIONAL AREA (Ac)	WINDOW AREA (Wa)	AREA PRODUCT (Ap)
	%	cm	cm <sup>2</sup>	cm <sup>2</sup>	cm <sup>4</sup>
82%	15.0	2.3	5.2	11.7	
<b>TOLERANCES</b>	±2%	NOM.	NOM.	NOM.	NOM.

<b>TEST SPECIFICATIONS</b>	CORE LOSS @ 16kHz, 0.037T
	≤ 1.38 W / Kg
<b>TOLERANCES</b>	Max.

\* All measurements are done at Room Temperature (22°C to 28°C).  
 \* Continuous Operating Temperature: 150°C (Max.)

**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.  
 5. For Product Safety communication refer EG/FM/0039

**GENERAL INSTRUCTIONS:-**  
 a). Bare core, kept in open, is rust prone.  
 b). Core with minor rust can be used after cleaning with suitable rust preventive chemical.  
 c). Core to be shelf stored in proper packaging like VCI (Volatile Corrosion Inhibitor) paper cover.  
 d). Core recommended to be used in application after suitable varnishing / coating / potting / covering etc.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 NAME: \_\_\_\_\_  
 COMPANY NAME: \_\_\_\_\_  
**CUSTOMER APPROVAL**

**DISCLAIMER:** The manufacturer ensures outer dimensions & weight of each individual core conforms to specifications. However, core profile & inner window dimensions are indicative & minimum dimensions are ensured.

Note :-  
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TOLERANCES UNLESS OTHERWISE SPECIFIED	NO.	REVISION	BY	APPR.	DATE	DIMENSIONS	mm
	03	ADDED NOTE#3. (AS PER PCN002).	SA	RK	26/07/04	SCALE	N.T.S
	04	PRODUCT & DRAWING FORMAT REVISED. (AS PER PCN004)	RG	RK	25/09/06	PROJECTION	
	05	PRODUCT TOLERANCE & DRAWING FORMAT REVISED.(REFER PCN005)	AS	RG	16/05/08		
	06	PRODUCT DRAWING FORMAT REVISED.	RNS	RG	29/05/15		
	07	PRODUCT DRAWING FORMAT REVISED.	MR	RG	27/11/17		



DESCRIPTION		NO. OF SHEET	DRAWING NO.	REV. NO.	
<b>PRODUCT DRAWING - AMCC16A</b>					
PRIME RAW MATERIAL					
<b>METGLAS® ALLOY 2605SA1</b>		1 OF 1	AMCC16A	07	
DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
SR	07/12/01	SR	07/12/01	RH, RM, ST	07/19/01