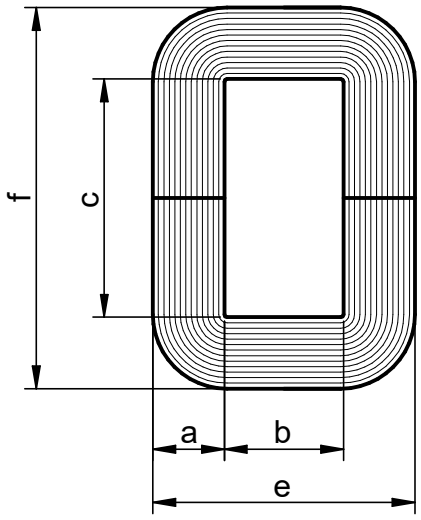
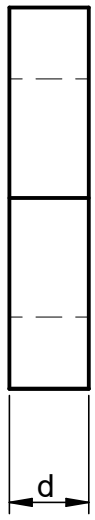
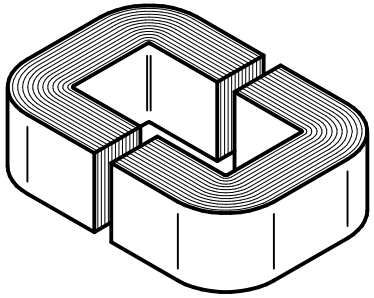
PS1193BA



FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW

PHYSICAL SPECIFICATIONS (mm)	CORE BUILD (a)	WINDOW WIDTH (b)	WINDOW LENGTH (c)	CORE HEIGHT (d)	CORE WIDTH (e)	CORE LENGTH (f)	WEIGHT OF CORE # (gms)
	27.00	45.00	90.00	30.00	99.00	144.00	1,839
TOLERANCES (mm)	±1.0	MIN.	MIN.	±1.0	±2.0	±2.5	NOM.

WEIGHT INCLUDES 2% (NOM.) EPOXY WEIGHT.

CALCULATED SPECS	STACK FACTOR	MEAN MAGNETIC PATH LENGTH (lm)	NET CROSS SECTIONAL AREA (Ac)	WINDOW AREA (Wa)	AREA PRODUCT (Ap)
	%	cm	cm^2	cm^2	cm^4
	82%	37.8	6.6	40.5	269
TOLERANCES	NOM.	NOM.	NOM.	NOM.	NOM.

TEST SPECIFICATIONS	CORE LOSS @ 16kHz, 0.037T
	≤ 1.38 W / Kg
TOLERANCES	MAX.

- All measurements are done at Room Temperature.

- Continuous Operating Temperature: 150°C (Max.)

Total Solution of Power Electronics

VP Electronics

Address :- 53, Friends enclave , east block , sultan puri road,delhi :- 110086

Phone :- +91-11-25478313 , +91-11-25488313 , +91-11-25961617

Email :-info@vpelectronics.net Website:-www.vpelectronics.net

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 Proterial 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 :-
This drawing, the property of **Proterial (India) Private Limited**, is furnished subject to return on demand and condition that 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.

TOLERANCES UNLESS OTHERWISE SPECIFIED

NO.	REVISION	BY	APPR.	DATE

DIMENSIONS mm | SCALE N.T.S | PROJECTION

DESCRIPTION: **PRODUCT DRAWING - PS1193BA**

PRIME RAW MATERIAL: **METGLAS® ALLOY 2605SA1/ EQUIVALENT**

NO. OF SHEET	DRAWING NO.	REV. NO.
1 OF 1	PS1193BA	0

VP000957

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
HP	20/04/23	TS	20/04/23	AS	20/04/23

REFERENCE PROJECT DRG. NO:- REV.:-