

CUSTOMER : ELECTRONICS SOURCE Co., Ltd.

SPECIFICATION

DESCRIPTION : CHOKO COIL

CUSTOMER PART NO. : -

VRK PART NO. : VRKR31-10mH6A

DATE : March 11, 2024

CUSTOMER 'S APPROVAL

RoHS Compliant Parts
Red Phosphorus free

*** SUPPLIER**

VRK SPECTRUM CO.,LTD.

In Charge	Asst. Manager	Manager
		



VRK SPECTRUM CO.,LTD.

212, 218, 220 ISSARAPAB WATKALLAYA THONBURI, BANGKOK 10600 THAILAND

TEL : (662) 466-1594-7 (12 LINES) FAX : (662) 472-1228 , 472-2694

VRK SPECTRUM CO., LTD.

AMENDMENT RECORD

DOCUMENT NO :

CUSTOMER : ELECTRONICS SOURCE

DOCUMENT TITLE : SPEC VRK

PART NO : VRKR31-10mH6A

PART NAME : CHOKO COIL

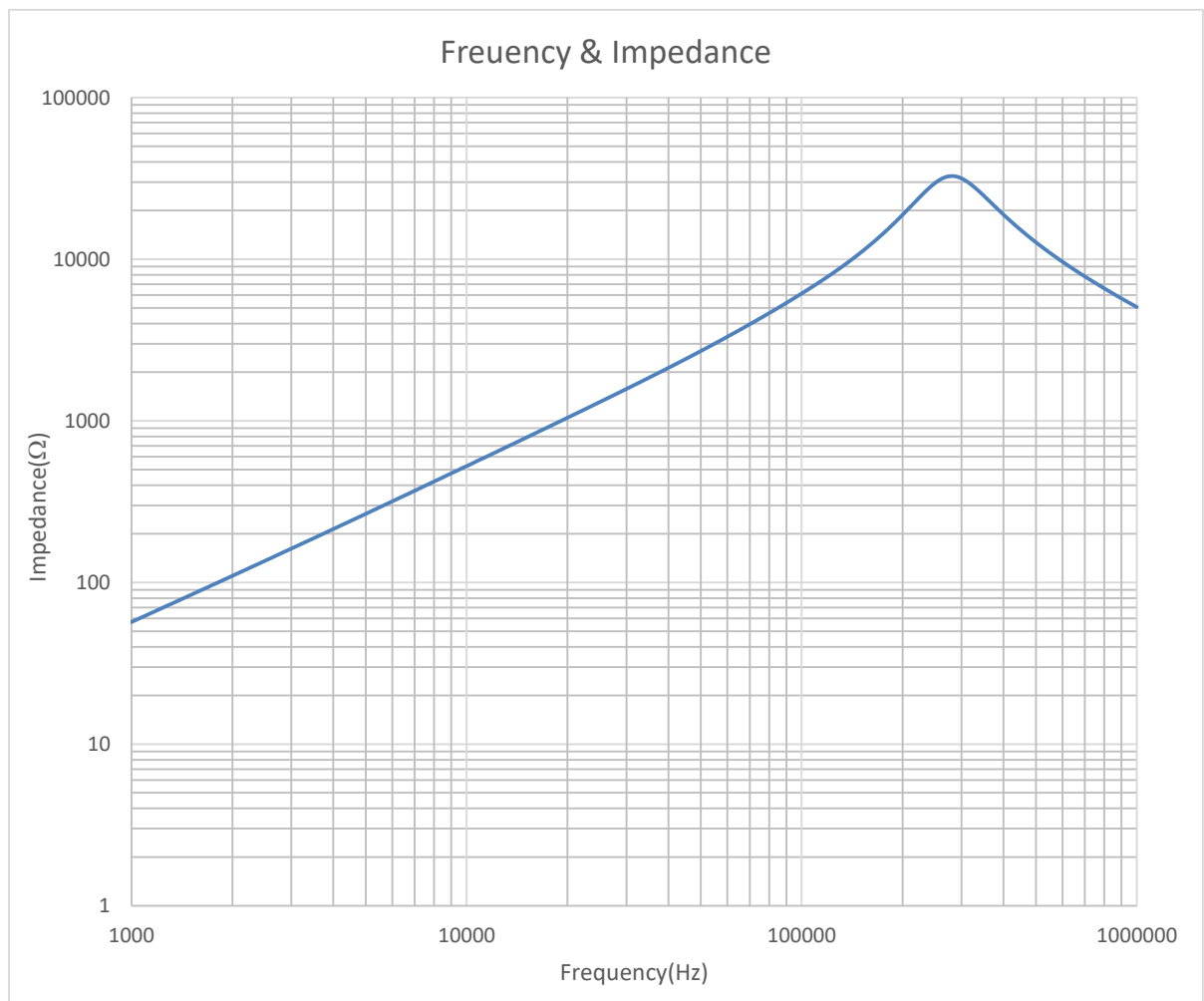
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1. CHARACTERISTICS

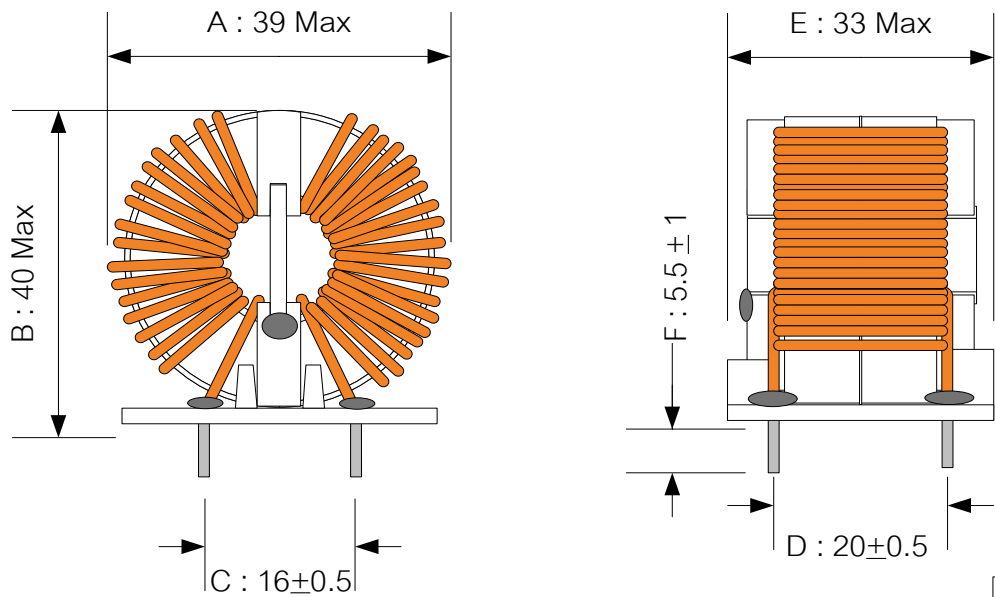
NO.	ITEM	SPECIFICATION	CONDITION AND METHOD
1	Rated Voltage	AC 600V	-
2	Rated Current	AC 6 A	-
3	Inductance	10 mH. + 50%, -30%	Freq. = 100 kHz, 1V.
4	DC Resistance	33 m Ω $\pm$ 15%	@ 25 °C
5	Withstand Voltage	Not breakdown between Coil	AC 2.0 KV, 1minute. Or AC 2.4 KV, 2 seconds. cutoff current 2 mA.
6	Insulation Resistance	100M Ω Min.	DC 500V, Point : Between coil
7	Insulation Class.	Class B	130 °C
8	Operating temperature	-25 ~ +120 °C	Include self-generating heat.

2. IMPEDANCE VS FREQUENCY

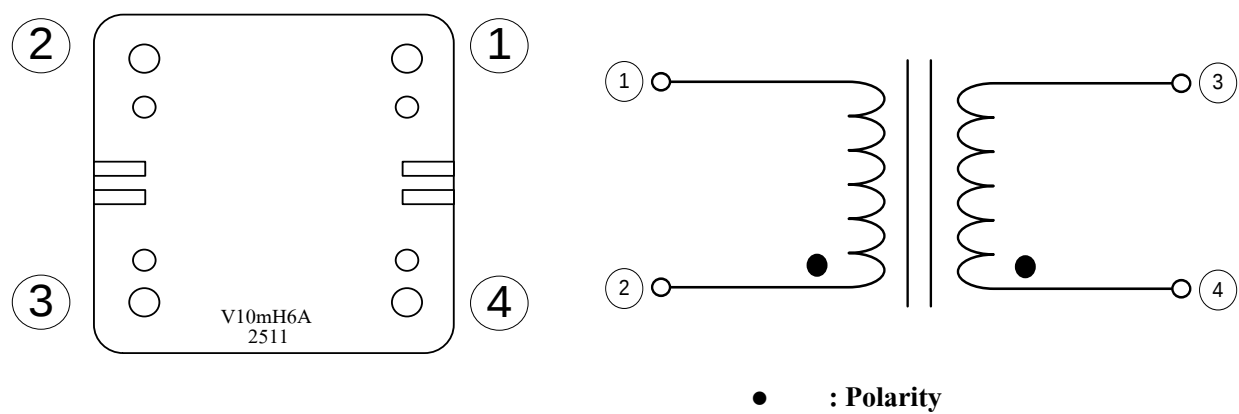


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3. STRUCTURE

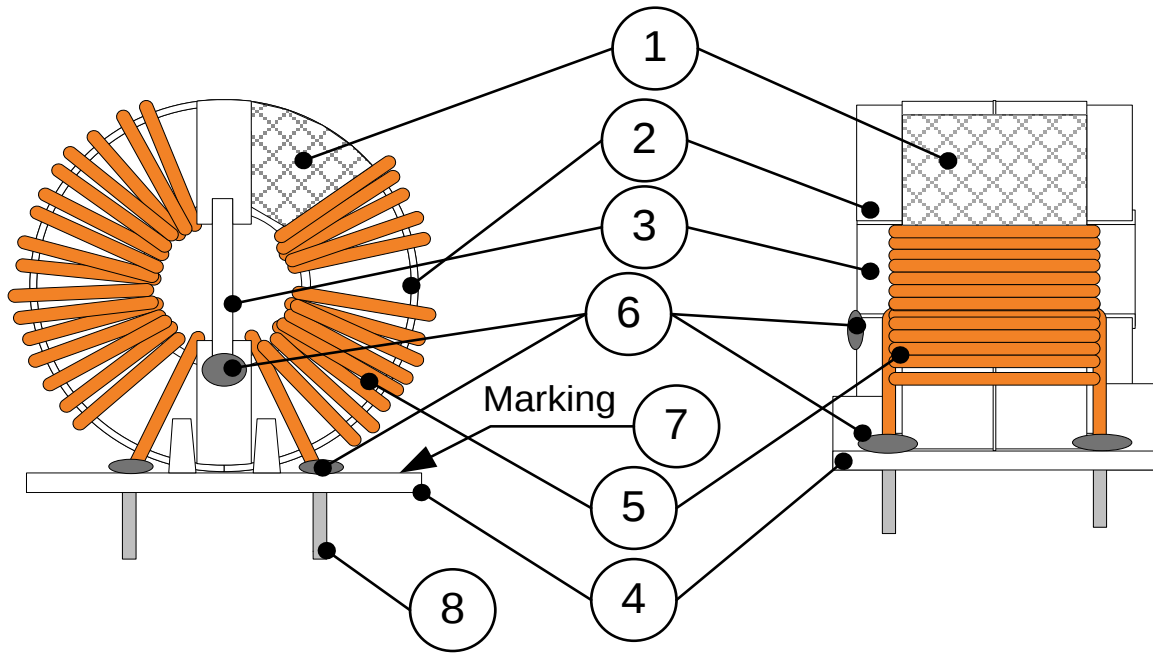


UNIT : mm.



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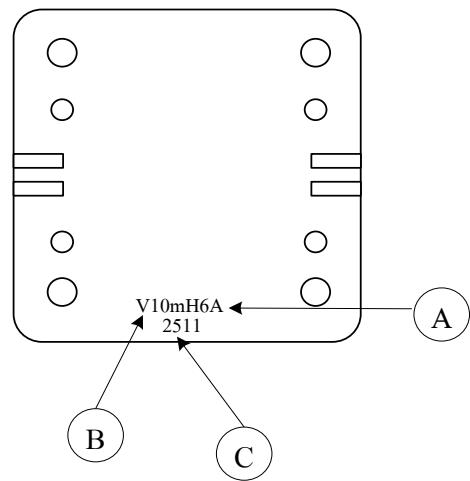
4. MATERIAL LIST



Item	Part Name	Materials	Manufacturer	UL File No.
1	Core	Ferrite core : MA070 R31-20-15	JFE FOSO Sinomag Or Other Equivalent Manufacturer	- - -
2	Core Cover	PBT UL94V-0, CTI 2 : 250V	Kingfa Or Other Equivalent Manufacturer	E171666
3	Separator	Type : RG301 NC001		
4	Base			
5	Coil	Polyester Enameled Copper Wire 1 PEW ϕ 1.1 mm. (28 Turns Ref.)	Proterial Thai Enamel Wire Co. Zhejiang Hongbo Technology Co.,Ltd. Advance Metal Industry Co., Ltd. Siam Pacific Electric Wire & Cable Co.,Ltd. Or Other Equivalent Manufacturer	E137472 E221719 E305953 E142108
6	Adhesive	Epoxy resin, Type : Let bond 3625 (BK)	Let bond Or Other Equivalent Manufacturer	-
7	Marking	Marking (Black color)	KJM Advertising Or Other Equivalent Manufacturer	-
8	Solder	SCN3002(Sn-3.0Cu-0.25Ni)	Koki Products Co.,Ltd. Or Other Equivalent Manufacturer	-

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5. STRUCTURE



A. VRK PART NO.
VRKR31-10mH6A = 10mH6A

B. MANUFACTURER
VRK SPECTRUM CO.,LTD. = V

C. MONTH AND YEAR OF PRODUCTION DATE

Example : 1 - JANUARY - 2025 = 2511

25

1

1

Date :

1 - 10 = 1

11 - 20 = 2

21 - 31 = 3

Month : JAN - SEP = 1 - 9

OCT = O

NOV = N

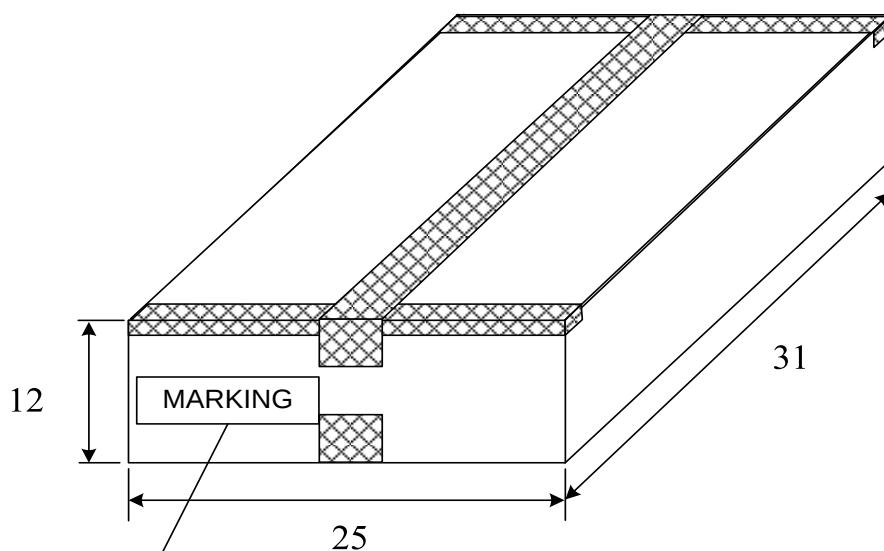
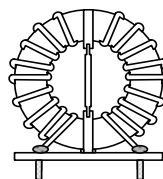
DEC = D

Year : 2025 = 25

2026 = 26

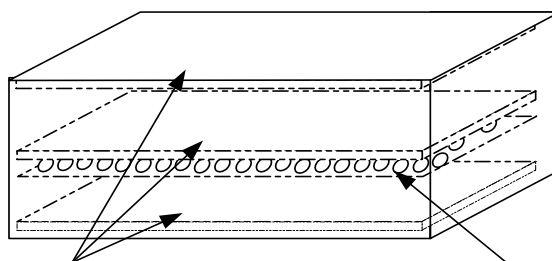
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6. PACKING FORM



6 x 10 = 60 Pcs. / Layer

SUPPLIER	VRK SPECTRUM CO.,LTD.		
CUSTOMER	ELECTRONICS SOURCE Co., Ltd.		
CUSTOMER PART NO.	-		
VRK PART NO.	VRKR31-10mH6A	PO.No.:	
Q'TY	120 Pcs.	LOT NO. :	RoHS



Polyfoam plate X 3

Bubble bag x 1

Carton Size	Q'ty (Pcs.)	Layer	Weight(g)/Pcs.	N/W (Kg.)	G/W (Kg.)
25x33x12.5 cm.	120	2	78	9.5	10.0