

Halogen Free

Red Phosphor Free

产品承认书

SPECIFICATION FOR APPROVED

版本: REV.A0

客 户

8142D

Customer

:

客户料号

Customer P/N

:

品 名

RADIAL TYPE CHOKE INDUCTOR

Description

:

产品型号

CKPK0608-2mH/K-U15

CENKER P/N

:

图纸编号

SP-CK112-GXA08730

Drawing No.

:

产品编号

Product code.

:

出图

DRAWING

制表

Prepared By

审核

Checked By

批准

Approved By

覃玉云

韦秀华

梁秀勇

DATE:

2020/5/28

承认

CUSTOMER APPROVAL

DATE:



深圳市岑科实业有限公司

SHENZHEN CENKER ENTERPRISE LTD.

地址:深圳市龙华区清泉路金博龙工业园C栋

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P.R.China

TEL: 0755-89808755 FAX: 0755-27525256



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CENKER P/N	CKPK0608-2mH/K-U15	DRAWING No.	SP-CK112-GXA08730
ISSUE DATE	2020/5/28	VERSION	A0

MODIFY RECORD

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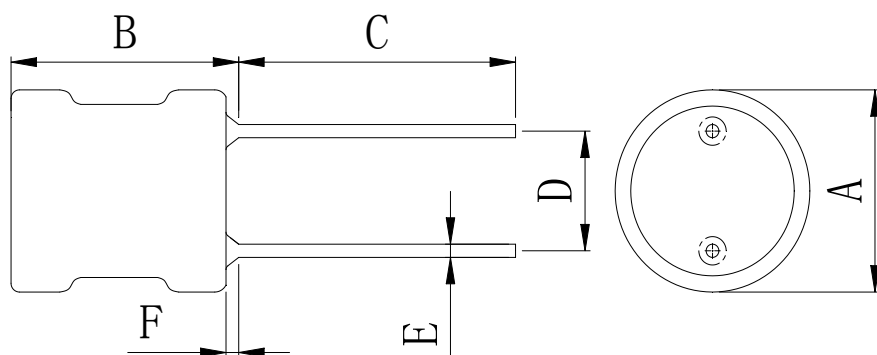
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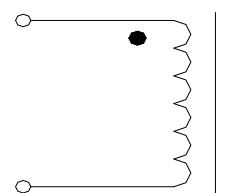
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1、 DIMENSION (mm):



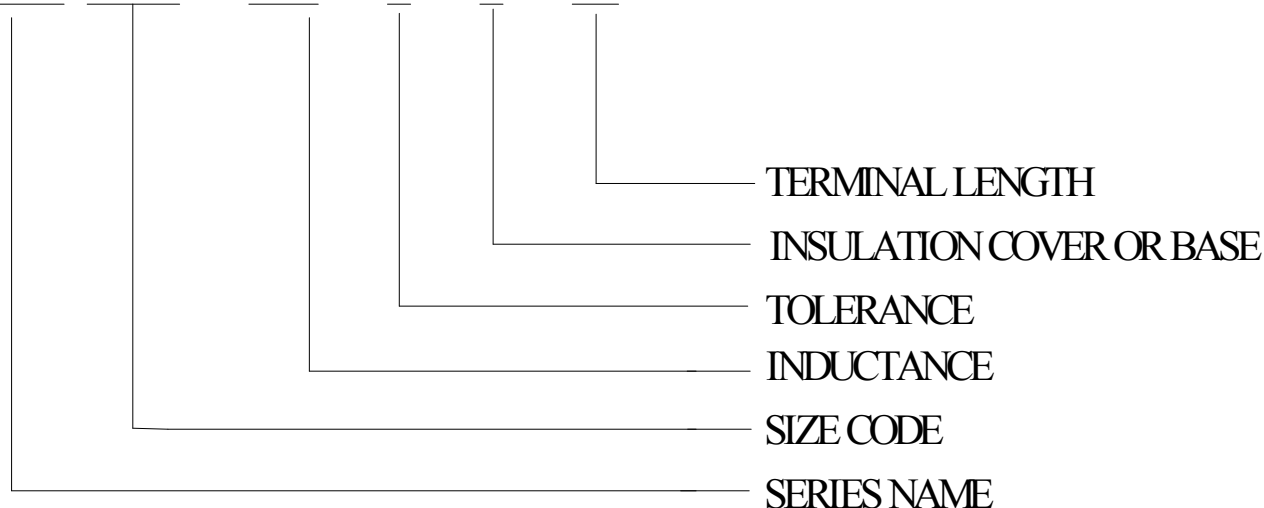
SCHEMATIC



NOTE: “D” Measured at the position closed to the body

A	B	C	D	E	F
8.0 Max	11.0 Max	15.0±2.0	3.0±0.5	0.6±0.1	1.5 Max

CKPK 0608 - 2mH K - U 15



2、 TEMPERATURE RATING:

Operating Temperature : -25℃ ~ +85℃ ; Storage Temperature : -25℃ ~ +85℃



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3、ELECTRICAL REQUIREMENTS:

ITEM	SPEC.	TOLERANCE	TEST FREQUENCY	TEST EQUIPMENT
INDUCTANCE	2mH	±10%	1kHz/0.25V	HP-4284A
DCR	9Ω	Max.	at 25℃	Keysight 34420A
IDC	0.13A	L0A×90% Ref.	1kHz/0.25V	HP-4284A+HP-42841A

4、MATERIAL LIST:

No.	Material	Specification	Supplier	Remark
1	Core	DR6×8 or equivalent	DC	
2	Wire	Φ0.12mm×282.5Ts. Ref. (2UEW) or equivalent	YD/SG	
3	Solder	Sn99.3-Cu0.7 or equivalent	CS	
4	Tube	UL Φ6mm(BLACK) or equivalent	XQ/WE	
5	Epoxy	J-600 or equivalent	CK	
6	Pin	CP Φ0.6×17.5mm or equivalent	CK	



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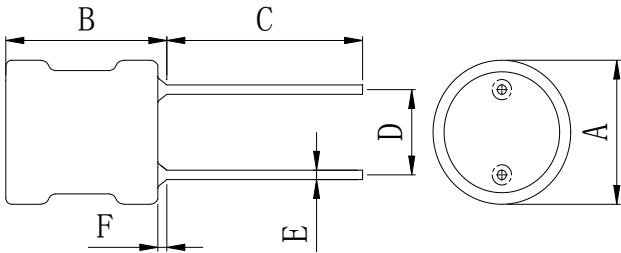
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CUSTOMER	8142D	LOT No.			
CUSTOMER No.		QUANTITY	10PCS	DATE	2020/5/28
DRAWING No.	SP-CK112-GXA08730	DIMENSION(UNIT: mm) 			
CENKER P/N	CKPK0608-2mH/K-U15				
DESCRIPTION	RADIAL TYPE CHOKE INDUCTOR				
TEST FREQ	1kHz/0.25V				
TEMPERATURE	25 °C	HUMIDITY	75%		

5.TESTING DATA:

ELECTRONICAL TEST DATA				OREALL DIMENSTON (UNIT: mm)								
	L	IDC 0.13A	DCR	A	B	C	D	E	F			
SPEC	2mH ±10%	L0A×90 % Ref.	9Ω Max.	8.0 Max	11.0 Max	15.0±2.0	3.0±0.5	0.6±0.1	1.5 Max			
1	1.97	1.88	5.85	6.59	9.95	15.06	3.04	0.58	0.84			
2	1.96	1.87	5.82	6.75	10.09	15.17	3.01	0.58	0.81			
3	2.10	2.00	5.69	6.58	10.02	15.16	3.03	0.59	0.91			
4	2.08	1.98	5.62	6.62	9.99	15.06	3.01	0.57	0.85			
5	2.02	1.93	5.74	6.75	9.95	15.05	3.10	0.57	0.83			
6	1.99	1.89	5.81	6.69	10.05	15.03	3.05	0.59	0.84			
7	2.05	1.96	5.66	6.71	10.03	15.16	3.04	0.58	0.88			
8	2.07	1.97	5.78	6.61	9.93	15.17	3.06	0.58	0.90			
9	2.00	1.91	5.71	6.62	9.90	15.16	3.10	0.57	0.89			
10	1.97	1.88	5.84	6.72	10.06	15.06	3.07	0.57	0.81			
$\bar{X}$	2.02	1.93	5.75	6.66	10.00	15.11	3.05	0.58	0.86			
R	0.14	0.13	0.23	0.17	0.19	0.14	0.09	0.02	0.10			

TEST EQUIPMENT:

ALL JUDGE

☒ OK ☐ NG

L ☐CH-1062A ☒HP-4284A

Q ☐HM2801A ☐HM9481 ☐CJ2851

DCR ☒Keysight 34420A

SRF ☐HM9460

IDC ☒HP-4284A+HP-42841A ☐HM-2713-1+HM-2791 LCR



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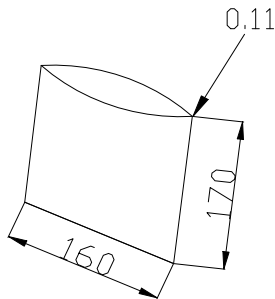
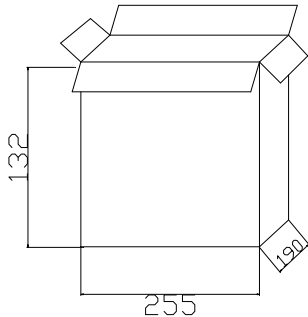
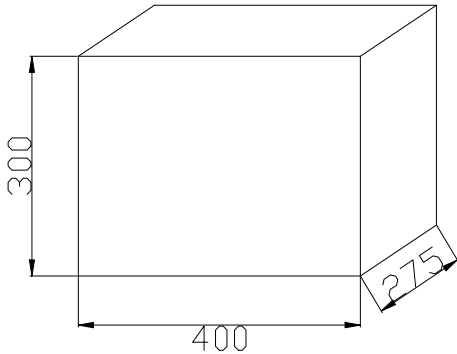
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6、PACKING(mm):

1. PE BAG: 160*170*0.11mm (500PCS/BAG);	
2. Inside the box size: 255*190*132mm (Loading 8PE BAG ,Quantity 4KPCS)	
3. Outer box: 400*275*300mm (Loading 4 inner box , Quantity 16K/PCS)	



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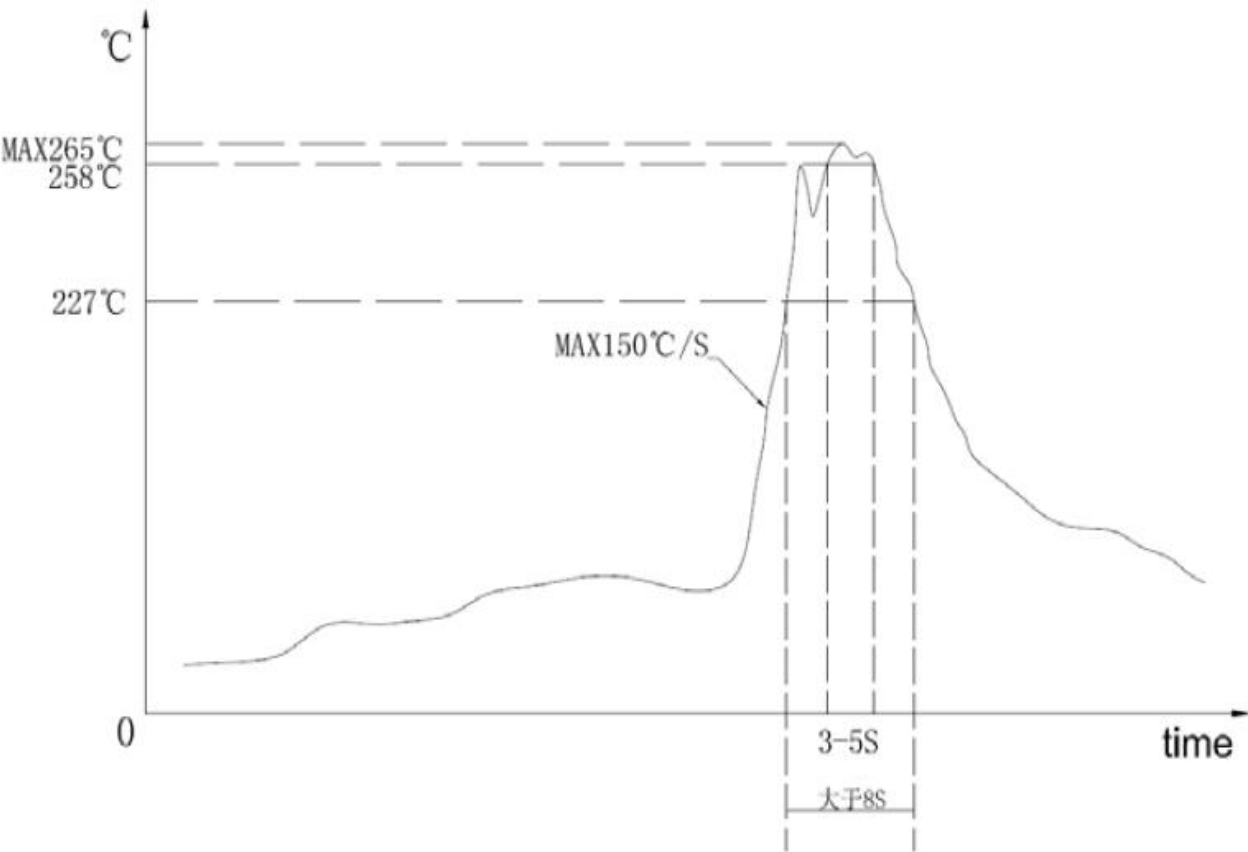
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7.Flow (wave) soldering curve



Iron Soldering

Solder iron temperature: 350°C ±5°C

Welding time: 3±1seconds



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Radial Type Choke Inductor's Reliability Testing Items

GENERAL CHARACTERISTICS

STANDARD TESTING CONDITIONS:

UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MEASUREMENTS AND TESTS ARE AS FOLLOWS: AMBIENT TEMPERATURE: $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$. RELATIVE HUMIDITY: 25%~85%. AIR PRESSURE: 86kPa~106kPa.

				Version	: A0
NO.	Items	Test Methods	Requirements	Quantity	
1	High temperature storage test	Temperature : $105^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Duration Time: 96 ± 4 Hours	No significant abnormality in appearance. Deviation relative to initial value: L: Within $\pm 5\%$	10	
2	Low temperature storage test	Temperature : $-25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Duration Time: 96 ± 4 Hours		10	
3	Humidity test	Temperature : $40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Humidity : 90%~95%RH Duration Time : 96 ± 4 Hours		10	
4	Thermal shock test	First $-25 \pm 5^{\circ}\text{C}$ for 30 ± 3 minutes, last $85 \pm 5^{\circ}\text{C}$ 30 ± 3 minutes as 1 cycles. Go through 10 cycles.		10	
5	Resistance to soldering heat test	Fix the samples on a 1.6mm thickness PCB, then dip the sample leads into a soldering bath of $260 \pm 5^{\circ}\text{C}$ up to the PCB for 5 ± 1 seconds.		10	
6	Lead terminal strength	A static pulling force of 5N in a direction parallel to the lead terminals for 30 ± 5 seconds.	No terminal breakage or loosening.	10	
7	Solder ability test	Immerse the terminal in flux for 5 seconds. Then dip the terminal into a soldering bath of $245 \pm 5^{\circ}\text{C}$ for 2.5 ± 0.5 seconds.	At least 75% of terminal electrode is covered by new solder.	10	