

产品承认书

SPECIFICATION FOR APPROVED

版本: REV.A0

客户	8826
Customer	
客户料号	744 772 222 2E
Customer P/N	
品名	RADIAL TYPE CHOKE INDUCTOR
Description	
产品型号	CKPP0810-2.2mH/J-U5
CENKER P/N	
图纸编号	SP-CK112-GXA01401
Drawing No.	
产品编号	
Product code.	

出图 DRAWING		
制表	审核	批准
Prepared By	Checked By	Approved By
覃玉云	张华萍	梁贵传
DATE: 2017-7-26		

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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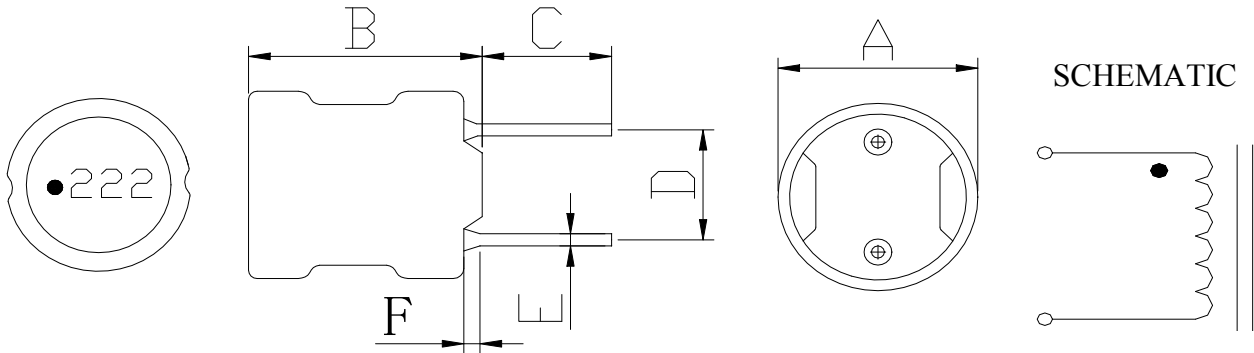


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RoHS COMPLIANT

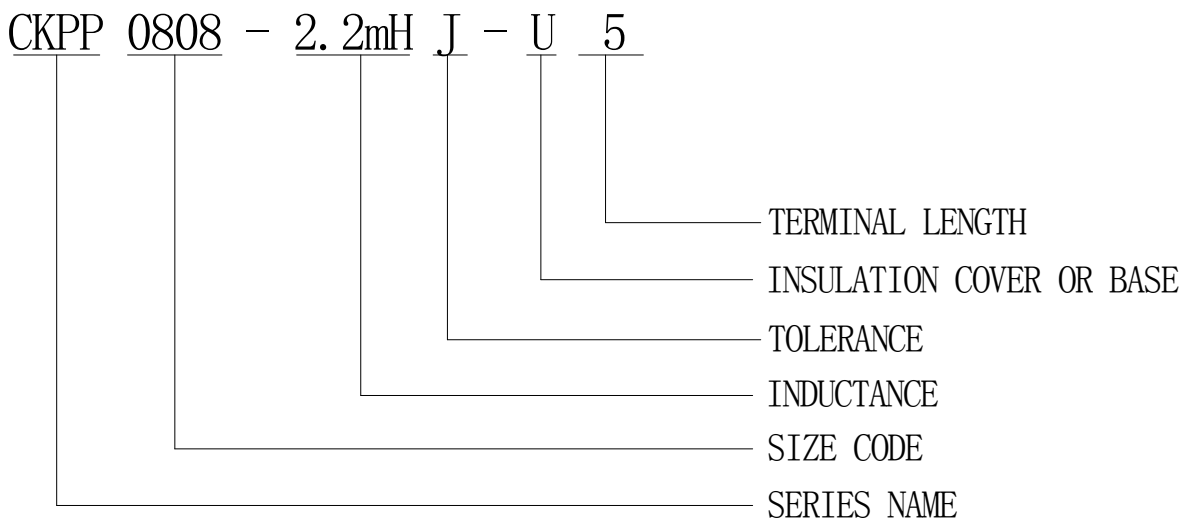
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1、 DIMENSION (mm):



NOTE: ● Start of winding, Casing sets of flat top of the magnetic core ;

A	B	C	D	E	F
8.5±0.5	9.5±0.5	5.0±0.5	5.0±0.5	0.65 Ref	3.0Max



2、 TEMPERATURE RATING:

Operating Temperature : -40°C ~ +125°C ; Storage Temperature : -20°C ~ +40°C

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3、ELECTRICAL REQUIREMENTS:

ITEM	SPEC.	TOLERANCE	TEST FREQUENCY	TEST EQUIPMENT
INDUCTANCE	2.2mH	±5%	10KHz/0.25V	HP-4284A
DCR	4.7Ω	Max.	at 25℃	Keysight 34420A
Isat	0.3A	L0A×90% Ref.	10KHz/0.25V	HP-4284A+HP-42841A
Irms	0.3A	△T≤40℃	10KHz/0.25V	HP-4284A+HP-42841A

4、MATERIAL LIST:

No.	Material	Specification	Supplier	UL.
1	Core	DRT 7.8×9.5 or equivalent	SUNRISE FERRITE CORES ELECTRONIC CO.,LTD.	
2	Wire	Ø0.17mm×269.5Ts. Ref. (2UEW-F) or equivalent	SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO., LTD.	E239508
3	Solder	Sn99.3-Cu0.7 or equivalent	HuiZhou Chang Sheng METAL PRODUCTS CO.,LTD	
4	Tube	JL Φ8×9.5mm(BLACK) RSFR-H or equivalent	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD	E203950
		UL Φ8×9.5mm(BLACK) X-2 or equivalent	SHENZHEN XINGQI PLASTIC PRODUCE CO.,LTD	E350991
5	Epoxy	J-600 or equivalent	SHENZHEN CENKER ENTERPRISE LTD.	
6	Pin	CP Φ0.64×17.5mm or equivalent	JIANGXI BAICHUAN ELECTRIC CONDUCTOR CO.,LTD	



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RoHS COMPLIANT

CUSTOMER	8826	LOT No.			
CUSTOMER No.	744 772 222 2E	QUANTITY	10PCS	DATE	2017-7-26
DRAWING No.	SP-CK112-GXA01401	DIMENSION(UNIT: mm)			
CENKER P/N	CKPP0810-2.2mH/J-U5				
DESCRIPTION	RADIAL TYPE CHOKE INDUCTOR				
TEST FREQ	10KHz/0.25V				
TEMPERATURE	20 °C				

5.TESTING DATA:

ELECTRONICAL TEST DATA				OREALL DIMENSTON (UNIT: mm)									
	L	IDC 0.3A	DCR	A	B	C	D	E	F				
SPEC	2.2mH ±5%	L0A×90 % Ref.	4.7Ω Max.	8.5±0.5	9.5±0.5	5.0±0.5	5.0±0.5	0.65 Ref	3.0Max				
1	2.190	2.041	3.52	8.56	9.62	5.06	5.06	0.63	1.26				
2	2.200	2.057	3.54	8.52	9.62	5.16	5.12	0.63	1.24				
3	2.190	2.041	3.58	8.54	9.54	5.05	5.06	0.62	1.30				
4	2.200	2.057	3.54	8.56	9.58	5.06	4.95	0.64	1.40				
5	2.195	2.046	3.58	8.56	9.56	5.04	5.06	0.64	1.46				
6	2.198	2.055	3.54	8.55	9.58	4.95	4.98	0.62	1.43				
7	2.198	2.062	3.56	8.54	9.54	4.98	4.95	0.63	1.50				
8	2.205	2.062	3.58	8.56	9.58	5.04	4.94	0.62	1.26				
9	2.195	2.046	3.59	8.54	9.63	5.26	4.95	0.64	1.35				
10	2.200	2.050	3.54	8.56	9.55	5.10	4.98	0.63	1.26				
\bar{X}	2.197	2.052	3.56	8.55	9.58	5.07	5.01	0.63	1.35				
R	0.015	0.021	0.07	0.04	0.09	0.31	0.18	0.02	0.26				

TEST EQUIPMENT:

ALL JUDGE

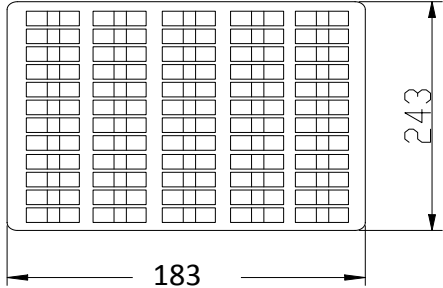
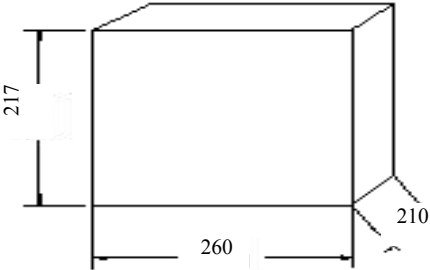
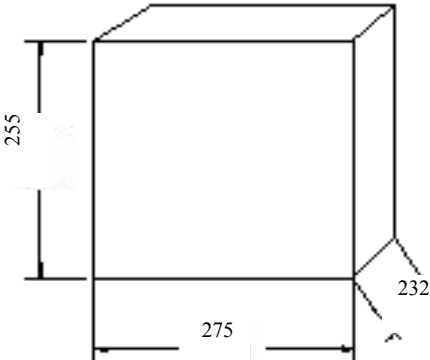
OK NG

L CH-1062A HP-4284A
 Q HM2801A HM9481 CJ2851
 DCR Keysight 34420A
 SRF HM9460
 IDC CD1068+CD1320 HP-4284A+HP-42841A

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6、PACKING(mm):

<p>1. Plastic Box : 243*183*9.5mm(140Pcs/Box) 2.Top Cover: 244*184mm</p>	
<p>4. Inner Carton: 260*210*217mm, (Each Inner Carton containing 20Boxes , Quantity 2800pcs)</p>	
<p>4. Master Carton:275*232*255mm (Each containing 1 Inner Carton,Quantity 2800pcs)</p>	



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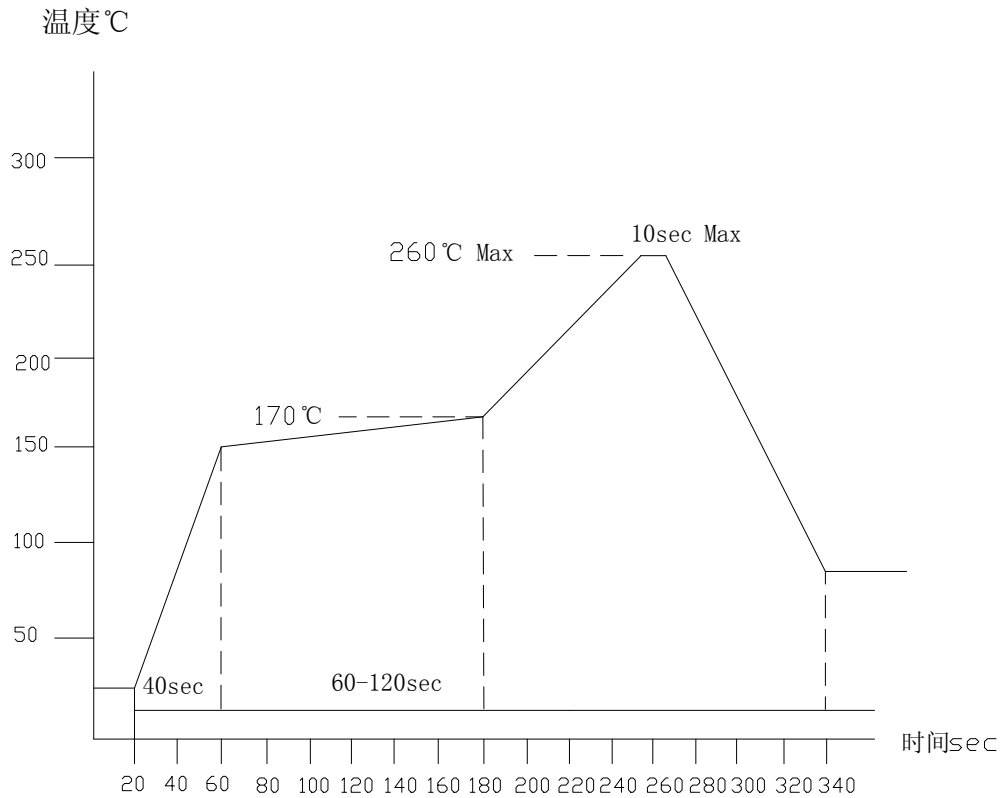
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7.Radial Type Inductor's Reliability Testing Items

GENERAL CHARACTERISTICS				PAGE: 5/6	
STANDARD TESTING CONDITIONS:					
UNLESS OTHERWISE SPECIFIED, THE STANDARD RANGE OF ATMOSPHERIC CONDITIONS FOR MEASUREMENTS AND TESTS ARE AS FOLLOWS: AMBIENT TEMPERATURE: 15°C ~ 35°C. RELATIVE HUMIDITY: 25% ~ 85%. AIR PRESSURE: 86kPa ~ 106kPa.					
NO.	Items	Test Methods	Requirements	Quantity	
1	High temperature storage test	Temperature : 105°C ± 2°C Duration Time: 96 ± 4 Hours	No significant abnormality in appearance. Deviation relative to initial value: L: Within ± 5%	10	
2	Low temperature storage test	Temperature : -25°C ± 2°C Duration Time: 96 ± 4 Hours		10	
3	Humidity test	Temperature : 40°C ± 2°C Humidity : 90% ~ 95%RH Duration Time : 96 ± 4 Hours		10	
4	Thermal shock test	First -25 ± 5°C for 30 ± 3 minutes, last 85 ± 5°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 ± 5°C up to the PCB for 5 ± 1 seconds.		10	
6	Temperature cycling test	Temperature: -10 ± 3°C for 30 minutes; Temperature: 25°C for 10 minutes; Temperature: 70 ± 3°C for 30 minutes; Temperature: 25°C for 10 minutes; Total: 5 cycles.		10	
7	Vibration test	The frequency range from 10 to 55 Hz and return to 10 Hz (amplitude of 1.5 mm) shall be traversed in approximately 1 minute. This motion shall be applied of 2 hours in each 3 mutually perpendicular directions (total of 6 hours).		10	
8	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
9	Solder ability test	Immerse the terminal in flux for 5 seconds. Then dip the terminal into a soldering bath of 245 ± 5°C for 2.5 ± 0.5 seconds.		At least 75% of terminal electrode is covered by new solder.	10

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8.Flow (wave) soldering curve



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