

产品承认书

SPECIFICATION FOR APPROVED

版本: REV. A1

客 户

Customer

8826

客户料号

Customer's P/N

品 名

Description

Wireless Power Charging Transmitter Coil

产品型号

Specification

CKWRD4710-6.3uH/K(SP)

图纸编号

Drawing No.

SP-CK112-GXA13218

产品编号

Product code.

出图

DRAWING

制表

审核

批准

Prepared By

Checked By

Approved By

覃玉云

韦秀华

钟远明

DATE:

2021/6/2

承认

CUSTOMER APPROVAL

DATE:



深圳市岑科实业有限公司

SHENZHEN CENKER ENTERPRISE LTD.

地址:深圳市龙华区龙华镇清泉路金博龙工业园C栋

Address: Building NO.C Jinbolong Industrial

Estate, Qingquan Road, Longhua Town Shenzhen P.R.China

TEL:0755-89808755 FAX:0755-27525256



RoHS COMPLIANT

CUSTOMER	8826	CUSTOMER P/N	
CENKER P/N	CKWRD4710-6.3uH/K(SP)	DRAWING No.	SP-CK112-GXA13218
ISSUE DATE	2021/6/2	VERSION	A1

MODIFY RECORD

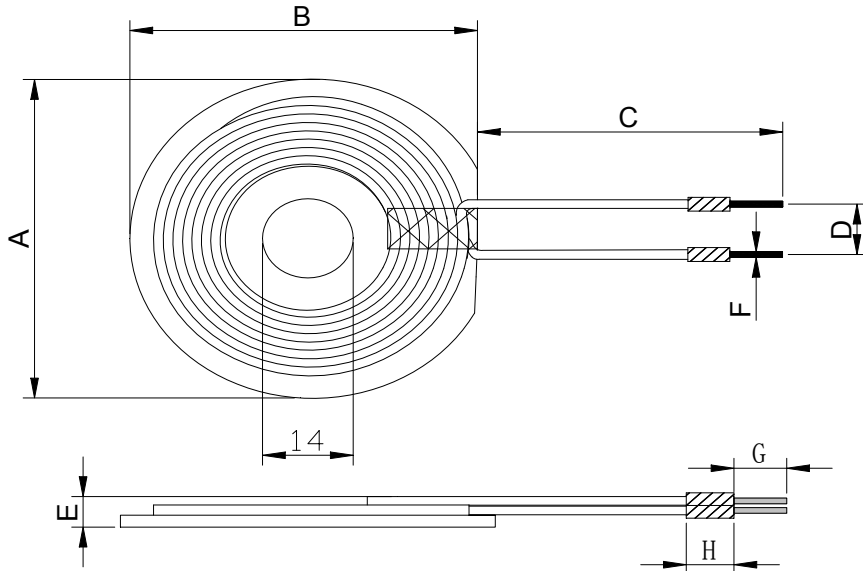
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SPECIFICATION FOR APPROVAL

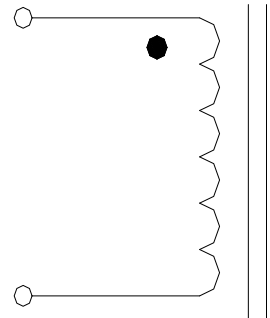
RoHS
COMPLIANT

CUSTOMER	8826	CUSTOMER No.		REF No.		PAGE
ITEM	Wireless Power Charging Transmitter Coil		DRAWING No.	SP-CK112-GXA13218		1/3
DESCRIPTION	CKWRD4710-6.3uH/K(SP)		ISSUE DATE	2021/6/2	VERSION	A1

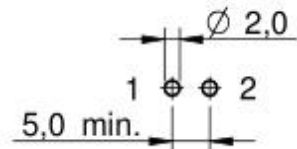
1、 DIMENSION(mm):



SCHEMATIC:



Recommended Land Pattern:



A	B	C	D	E	F	G	H
47.0±0.5	45.0±1.0	35.0±2.0	10.0Ref.	5.2Max	2.0Max	10.0Ref.	6.0Ref.

CKWR D4710 - 6.3uH / K (SP)

TOLERANCE

INDUCTANCE

SIZE CODE

SERIES NAME

2.TEMPERATURE RATING:

Operating Temperature	-20℃ ~ +105℃
Storage Temperature	-20℃ ~ +60℃



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地址:深圳市龙华区龙华镇清泉路金博龙工业园 C栋

PREPARED	CHECKED	APPROVED
覃玉云	韦秀华	钟远明

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RoHS
COMPLIANT

CUSTOMER	8826	CUSTOMER No.		REF No.		PAGE
ITEM	Wireless Power Charging Transmitter Coil		DRAWING No.	SP-CK112-GXA13218		2/3
DESCRIPTION	CKWRD4710-6.3uH/K(SP)		ISSUE DATE	2021/6/2	VERSION	A1

3、ELECTRICAL REQUIREMENTS:

ITEM	SPEC	TOLERANCE	TEST FREQUENCY	TEST EQUIPMENT
INDUCTANCE	6.3uH	±10%	125kHz/10mA	HP-4284A
DCR	27mΩ	Max.	at 25℃	CH-502A
Q	150	Ref.	125kHz/10mA	HP-4284A

4、MATERIAL LIST:

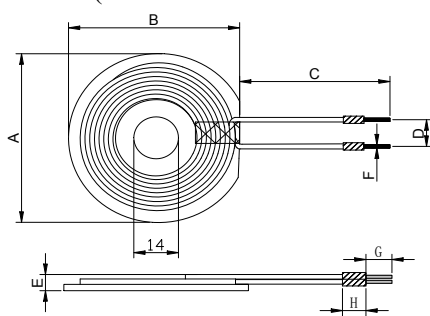
No.	Material	Specification	Supplier	UL No.
1	Magnet core	PC95 Ø47mm*Ø14mm*1.0mm	JR	
2	Wire	Litz Wire(Ø0.08*225P*10Ts)	FJ(HY)	E345710
3	Solder	Sn99.3-Cu0.7	CS	
4	Adhesive1	3M468	3M	
5	Tube	UL Φ2mm (BLACK)	XQ	E350991

	深圳市岑科实业有限公司 SHEN ZHEN CENKER ENTERPRISE LTD. TEL:0755-89808755 FAX:0755-27525256 地址:深圳市龙华区龙华镇清泉路金博龙工业园C栋	PREPARED	CHECKED	APPROVED
		覃玉云	韦秀华	钟远明

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RoHS
COMPLIANT

PAGE:3/3

CUSTOMER	8826	LOT No.			
CUSTOMER No.		QUANTITY	10PCS	DATE	2021/6/2
DRAWING No.	SP-CK112-GXA13218	DIMENSION(UNIT: mm) 			
ITEM	Wireless Power Charging Transmitter Coil				
DESCRIPTION	CKWRD4710-6.3uH/K(SP)				
TEST FREQ	125kHz/10mA				
TEMPERATURE	25 °C	HUMIDITY	75%		

5.TESTING DATA:

ELECTRONICAL TEST DATA				OREALL DIMENSTON (UNIT: mm)									
	L	DCR	Q	A	B	C	D	E	F	G	H		
SPEC	6.3uH ±10%	27mΩ Max.	150 Ref.	47.0±0.5	45.0±1.0	35.0±2.0	10.0Ref.	5.2Max	2.0Max	10.0Ref.	6.0Ref.		
1	6.33	17.82	152.1	47.09	45.35	35.56	10.27	4.74	1.72	10.03	6.26		
2	6.42	17.94	152.2	47.13	45.44	35.66	10.24	4.80	1.79	10.04	6.23		
3	6.39	17.86	151.3	46.99	45.49	35.47	10.41	4.71	1.77	10.03	6.12		
4	6.35	17.84	152.6	47.01	45.44	35.67	10.22	4.74	1.75	10.04	6.30		
5	6.40	17.88	151.8	47.11	45.30	35.46	10.05	4.75	1.71	9.99	6.33		
6	6.36	17.93	152.3	47.06	45.46	35.42	10.05	4.81	1.76	9.97	6.26		
7	6.33	17.87	152.4	47.01	45.35	35.52	10.41	4.83	1.76	10.02	6.09		
8	6.37	17.88	152.5	47.05	45.44	35.42	10.14	4.77	1.74	10.02	6.28		
9	6.41	17.85	151.8	47.01	45.43	35.78	10.06	4.71	1.78	10.05	6.14		
10	6.36	17.94	151.6	47.04	45.46	35.45	10.44	4.74	1.75	10.03	6.31		
$\bar{X}$	6.37	17.88	152.06	47.05	52.98	35.54	10.23	4.76	1.75	10.02	6.23		
R	0.09	0.12	1.30	0.14	0.19	0.36	0.39	0.13	0.08	0.07	0.23		

TEST EQUIPMENT:

ALL JUDGE

☒ OK ☐ NG

L ☐ CH-1062A ☒ HP-4284A

Q ☐ HM2801A ☐ HM9481 ☐ CJ2851

DCR ☒ CH-502A

SRF ☐ HM9460

IDC ☐ HM-2713-1+HM-2791 LCR



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