

DONGGUAN KIMCHEN INDUSTRY INTL LIMITED



PRODUCT SPECIFICATION

GCteq Wireless (Shenzhen) Co., LTD

CUSTOMER: _____

01.03.01047

CUST P/N: _____

J30-000087-001

K C P/N: _____

20.5*43*0.08*105P*10TS*30MM

D E S E : _____

2024.1.13

D A T E : _____

A.0

VERSION : _____

ACCEPTANCE STAMP

东莞市金赞智能科技有限公司

PREPARED BY	MERCHANDISER	ENGINEER CHECKED BY	APPROVED BY
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[Http://www.jzcoil.com](http://www.jzcoil.com)

FilNo: KC-JZ-09-008

DONGGUAN KIMCHEN INDUSTRY INTL LIMITED

Specification

CUST P/N

01. 03. 01047

KC DESE

20. 5*43*0. 08*105P*10TS*30MM

Version Change History

Rev.	Before Change	DESCRIPTION (Content Or Reason For Changed)	Date	Revisor
A. 0	--	Initial Release	2024/1/13	Jiajia

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Specification

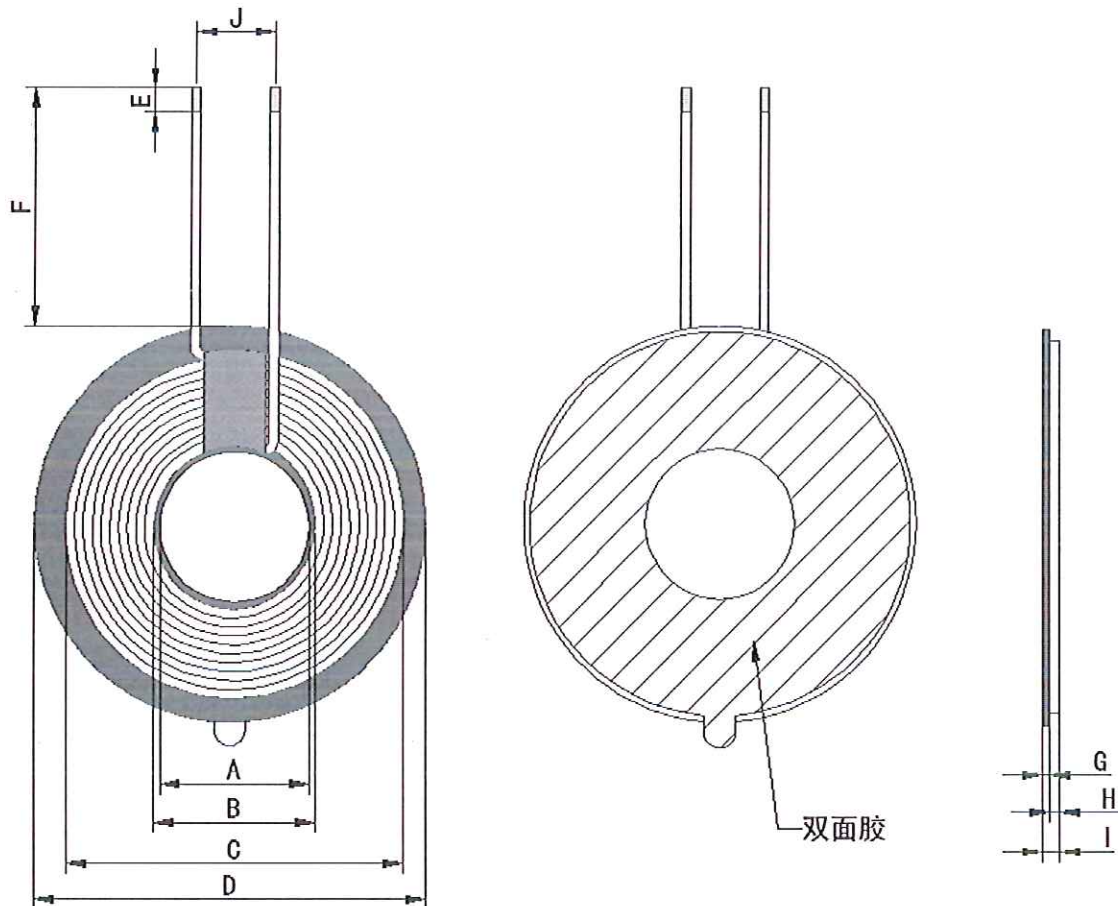
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KC DESE

20.5*43*0.08*105P*10TS*30MM

1. OVERALL DIMENSIONS OF PRODUCTS:



Unit: mm

A	B	C	D	E	F	G	H	I	J
19±0.5	20.5±0.5	43±1	50+0/-1	3±1.5	30±2	1.0±0.15	1.25MAX	3.4±0.3	10±2

PS:1.F is ferrite outer lead length; 2.H includes inlet wire, not includes release paper.

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			KC DESE	20.5*43*0.08*105P*10TS*30MM	
Turns	Wire Dia.	Winding model is Sparse/Dense	Wdg. Direction	Intersect Yes/Not	Coil Positive/Anti Paste
10TS	0.08*105P Silk-Covered Wire	Dense	Anticlockwise	Yes	Positive

All materials are required to be ROHS compliant.

2. ELECTRICAL CHARACTERISTICS:

TEMPERATURE: $25 \pm 10^{\circ}\text{C}$, RELATIVE HUMIDITY: $65 \pm 10\%$

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND	S-F	Coil+Ferrite: $6.3\mu\text{H} \pm 10\%$	100kHz/1V	LCZ METER 1062

3. BILL OF MATERIALS:

NO.	Material name	Description	Material Code	Vendor code
1	Copper Wire	0.08*105 Silk-Covered Wire	SBX-2U-F-0013	DY
2	Ferrite	50*19*1.0H	GCP-T-0025	HBC
3	Double-sided tape	Round 48.5*20.5*0.08 (With holes and hand tear)	SMJ-T-0076	HWD
4	Gold Finger Tape	8mm	High temperature gummed paper 8MM	JRM
5	Glue	JS-E7202 (thickenig) white glues	E7202W	HZY
6	Tin	Environmentally friendly lead-free solder bar	Lead-free high temperature tin bar	XC

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Dongguan Kimchen Intelligent Technology Co., LTD

Product Inspection Reports

NO.0000361

Customer	JCWX	Description name	01.03.01047	Qty.	300PCS	Order number	202111803
Batch number	202411-191	Specification	20.5*43*3.4*6.3ull			Test Date	2024.11.28
Sampling amount	50pcs	Sampling plan	GB2828-2012 Single normal Class II level				

Testing tools: A、Digital caliper; B、PIN GAUGES; C、Micrometer; D、Microscope; E、Projector;

F、Resistance tester; G、Electric inductance measuring-testing instrument; H、Eyeballing;

Acceptance level:CR:AQL=0 AC/RE=0/1; MAJ:AQL=0.25 AC/RE= / ; MIN:AQL=1.5 AC/RE / ;

Test item	Inner dimension	Outer dimension	Inductance	Lead length	Soldering length	Outer dimension	ACR
Test standard	20.5	43	3.4	30	3	50	6.3
Tolerance	±0.5	±1	±0.3	±2	±1.5	+0/-1	6.3±10%
Test tools	E	A	A	A	A	A	G
1	20.52	42.87	3.38	30.03	4.03	49.55	6.2
2	20.48	42.74	3.41	30.02	3.89	49.65	6.18
3	20.5	42.92	3.43	30.01	3.96	49.58	6.24
4	20.47	42.88	3.39	30.04	4.18	49.8	6.19
5	20.49	42.79	3.45	30.00	4.09	49.6	6.16
Appearance inspection							OK
ROHS requirements							OK
Package test							OK
Remarks							
Detection and decision	√Qualified Accept in deviation Disqualification						
Inspector: Chengmei Huang		Auditor: Xiaohun Yang					

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