



SHENZHEN RUIJING INDUSTRIAL CO., LTD

SPECIFICATION FOR APPROVAL

SUPPLIER	Dongguan Jianghu Electronic Technology Co., Ltd.				
SUPPLIER Contact	0769-82297538				
SUPPLIER ADDRESS	Bldg. B, Zhongxin Ind. Zone, Xincheng Zone, Shijie Town, Dongguan, Guangdong				
PRODUCT NAME	A28 coil launcher Module				
PART NO	0.03.13.00.0010				
VERSION	A0				
MODEL					
SUPPLIER APPROVED DATE	2023.03.14				
REMARK	Unit mass of device(g)	Electrical energy consumed in manufacturing a single device (KWh)	PCB area mm2 (other devices do not need to provide area)		
	33.4				
MANUFACTURER		CUSTOMER RECOGNITION			
PRODUCE	CHECKED	APPROVED	QA CHECKED	RD CHECKED	RD APPROVED
邓玉男	郭志华	刘军			



Change The Detail

part 1 of 5

[illegible]



Model Number		A28 coil launcher	Customer P / N	0.03.13.00.0010	
		Module	Supplier P / N		
一，外观与尺寸（Appearance Size）：（单位/mm）				A	19.5±0.5
				B	27.5±0.5
				C	41±0.8
				D	49±0.8
				E	26.3±0.5
				F	64.3±0.5
				G	26±1.5
				H	3.5±1.5
				I	1.8MAX
				J	43.5±0.5
				K	52.5±0.5
				L	94.4±0.7
				M	4.5MAX
				N	1±0.2
				O	Tin dipping length of copper wire 87±2
				P	3±1.5
				Q	26±1.5
				R	20±1
				S	41±1
				T	5±1
				U	
				V	
				W	
				X	
				Y	
				Z	



二, Schematic Diagram:

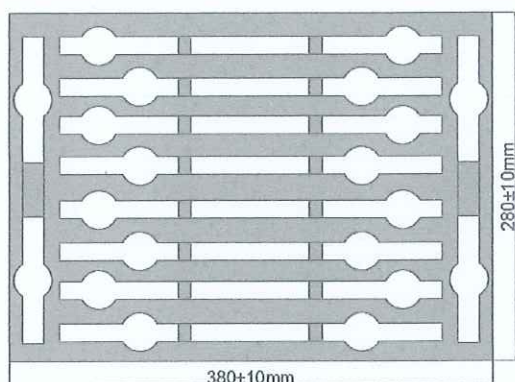


三, 绕线参数 (Winding Parameters) :

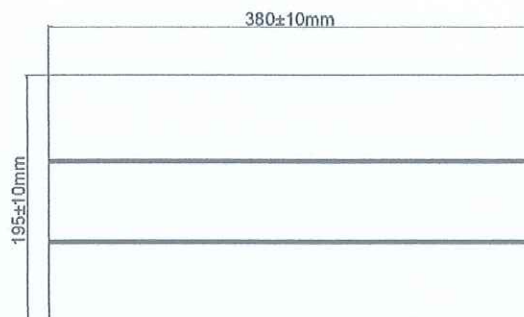
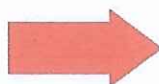
Winding	Start	Finish	Turns	Line Diameter	Winding Way	Winding Direction	Layer&Circle
L1	S	F	9TS	0.08*105P	close-packed wound	anticlockwise	1 layer/9TS
L2	S	F	9TS	0.08*105P	close-packed wound	anticlockwise	1 layer/9TS

四, Electrical Characteristics:

Item	Terminal	Test Conditions	Test Instrument	Parameter	Unit	Numerical Value
inductance	S-F	100KHz/1.00V/100Ω	1062electrical-b ridge	Inductance @100KHz/1V	μH	7.1μH±5%
Q Vaule	S-F	100KHz/1.00V/100Ω	1062electrical-b ridge	Q@100KHz/1V		75MIN
resistance	S-F	100KHz/1.00V/100Ω	1062electrical-b ridge	RS@100KHz/1V	mΩ	60MAX



1. EPE size:38*28*6cm
2. Each EPE has 28 cells,The middle 8 cells are not filled,4pcs per cell,total 80pcs



Each box is packed with 3 layers of EPE,The EPE is Separated by cardboard



1. Each layer of pearl cotton can hold 80 pcs of products;
2. Each box can contain 3 layers of pearl cotton, which can contain 240 products

Product	Single layer quantity	Layer/Box	Total/Box	Weigh
A28	80pcs	3 Layers	240pcs	



Material List

Customer P / N		0.03.13.00.0010	Supplier P / N	
No.	Material Name	Material Specification	Material Code	Manufacturer
1	self-bonded silk wrapped wire	0.08*105P Copper line with silk wrapped wire	01.00092	Yixing Zhongyi Electrical Equipment Co., Ltd
2	lead-free tin	high temperature	05.00058	
3	Glue	resin adhesiveresin	05.00001	
4	Double side tape	92.5*51*0.08mm	05.00066	
5	Double Magnets	47.2*52.5*1mm(*2) ferrite.Mn-Zn.PC40	02.00044	Huizhou Lixin Electronics Co., Ltd
6	EPE	380*280*62mm	04.00014	
7	Carton	400*300*210mm	04.00024	
8	Copper Line	φ 0.4mm, Dipping tin at one end 3mm, Dipping tin at one end 87mm, Total 120mm	01.00189	
9	Copper foil paper	41*20*0.2mm	05.00210	Dongguan Chunlei Industrial Co., Ltd
10				
11				