



Honour Electronic

Model

H10320

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Product Approval Sheet

Custome 东莞市汉凯电子有限公司

Model H10320

Cust. P/N 101.20.06290

Spec. 发射线圈 发射线圈/DIP/8.4uH $\pm$ 5%/尺寸: 外径D=43 $\pm$ 1mm/磁片厚度1mm/带背胶+磁片开槽/整体厚度2.3mm(max)/出线长度10mm $\pm$ 1mm/镀锡2mm $\pm$ 1mm/ROHS2.0/REACH

Sample Qty 3PCS

Date 2025-1-2

Inner signatures

Customer Signatures

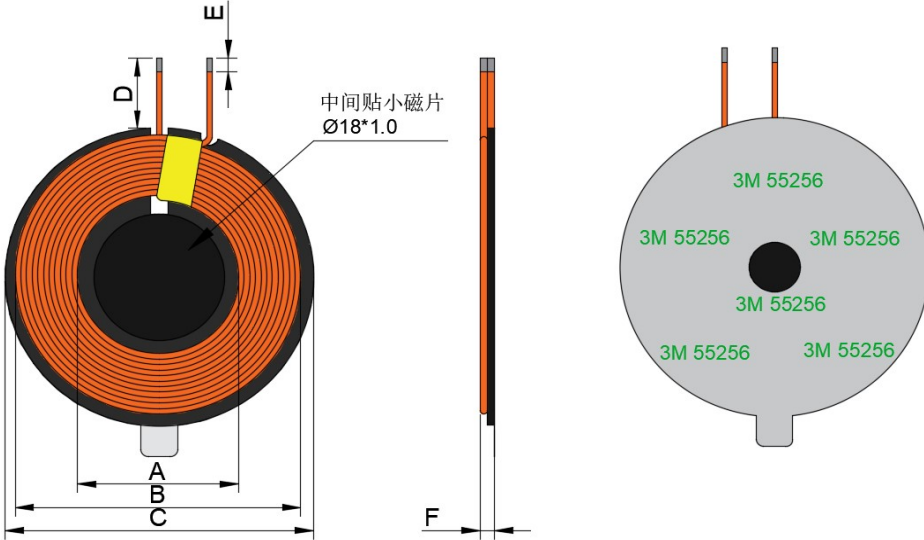
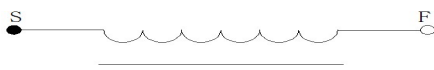
Prepared By:	Jing Jing Li	Precheck By:	
Checked By:	Li Bin Huang	Checked By:	
Approved By:	Vincent Wang	Approved By:	

Dong Guan Honour Electronic Co.,Ltd.

Product type

Wireless Charging
coil

	Product Specification		Model	H10320
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Customer Code	H103	Product Name	MPP QI2.0 wireless charging coil 101.20.06290	
Specification	22*39.3*0.08*65P*11TS+G42.5+G18	Winding Direction	CCW	
Document issue record				
Ver.	Modify Desc.		Issue Date	
A0	First issue		2024-11-26	
A1	① Change the lead length (from 12mm to 10mm) ② Update product schematic diagram		2025-1-2	
Dong Guan Honour Electronic Co.,Ltd.		Product Type	Wireless Charging coil	

	Product Specification		Model	H10320		
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Customer Code	H103		Product Name	MPP Q12.0 wireless charging coil 101.20.06290		
Specification	22*39.3*0.08*65P*11TS+G42.5+G18		Winding Direction	CCW		
I. Product Size(Unit: MM) 			Items	Size	Tol.	
			A	21.46	+1.0 -0.5	
			B	39.3	±0.5	
			C	42.5	±0.8	
			D 引线	10.0	±1.0	
			E 上锡	2.0	±1.0	
			F (不含离 形纸厚度)	2.30	max	
II. Schematic diagram 			Remarks: 1. Lead wires for outgoing lines 2. 42.5 * 1.0 ferrite sheet+coil+ Φ 18*1.0 ferrite sheet+ tape 3M55256 3. 5mm high 9-temperature adhesive tape			
III. Winding Specification:						
Wdg Type		Wire		Wire OD	Turns	Layer
CCW		S	F	0.08*65P 漆包线	11	1
IV. Electrical Characteristics						
NO.	Properties	Test conditions	Value	Unit	TOL	Tester
1	LS	100KHZ/1V	8.4	μ H	±10%	TH2830
2	DCR	@25° C	70	mΩ	max	TH2516
V. Material list						
NO.	Material			Spec.		
1	Litz wire			0.08*65P		
2	Ferrite sheet-1			42.5*1.0		
3	Ferrite sheet-2			18*1.0		
4	Tape			3M55256 42(±1.0)*7*0.05		
5	High temperature adhesive tape			5mm		
6	High temperature Tin			High temperature Tin		
Dong Guan Honour Electronic Co.,Ltd.				Product Type		Wireless Charging coil

	Product Specification		Model	H10320	
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Customer Code	H103		Product Name	MPP QI2.0 wireless charging coil 101.20.06290	
Specification	22*39.3*0.08*65P*11TS+G42.5+G18		Winding Direction	CCW	
VI.Reliability Testing					
1	Temperature and humidity resistance	Test conditions	Temperature 65 ± 2 ° C, relative humidity 93 ± 2RH%, 24-hour	QTY	Result
		Test method	The sample is placed in an environment with a high temperature of 65 ± 2 ° C and a humidity	2	Pass
2	High and low temperature cycling	Test conditions	40 ± 2 ° C/1H, converted to high temperature of 75 ° C ± 2 ° C/1H within 1 minute, for a	QTY	Result
		Test method	The sample is placed at a bottom temperature of -40 ± 2 ° C/1h and then converted to a high	2	Pass
3	Salt spray test	Test conditions	5% brine, temperature 35 ° spray 2H	QTY	Result
		Test method	Put the sample in the test environment, in the closed environment of 35 ° C ± 2 ° C, with the temperature>85%, use 5% ± 1% NaCl solution (pH value within the range of 6.5-7.2) with the	2	Pass
VII. Operating environment					
Operating Temperature			-20 °C 至 +85 °C		
Storage Temperature			-20 °C 至 +60 °C		
Test conditions of Electrical Properties			Temperature: 25°C±5°C		
			Humidity: 65%±5%		
VIII. Inspection standard					
During the inspection process, use a caliper with an accuracy of not less than 0.02mm to observe or compare with the sample plate; The inspection method is based on					
IX. Environmental requirements					
This product meets the environmental requirements of Rohs and Reach					
Dong Guan Honour Electronic Co.,Ltd.			Product Type	Wireless Charging coil	