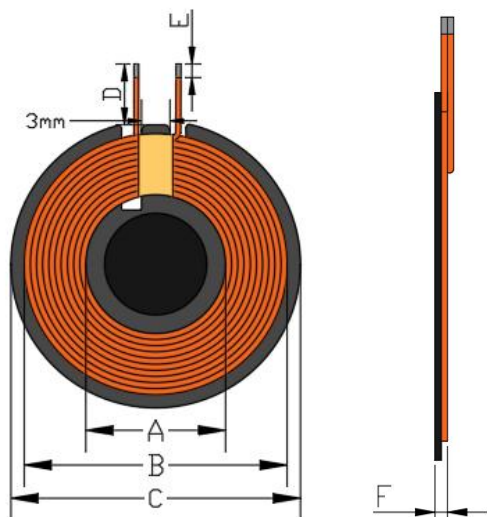


 HONOUR	Honour Electronic	Model	H10315												
		Page	1/4												
Product Approval Sheet Customer: HANK electronics Co.,Ltd Model: H10315 Cust. P/N 101.20.05790 Spec.: Coil 43mm single coil/7.7uH±10%/φ43.5mm/B/0.08*75P/11TS/Overall thickness 2.3mm(max)/Q value 60MIN/DCR≤65mΩ/with backing tape/magnet slotted bottom out/wire length 8±1mm/tin plating 2mm±1mm Sample Qty: 3PCS Date: 2024/8/20 Inner signatures Customer Signatures <table><tr><td>Prepared By:</td><td>Jing Jing Li</td><td>Precheck By:</td><td></td></tr><tr><td>Checked By:</td><td>Li Bin Huang</td><td>Checked By:</td><td></td></tr><tr><td>Approved By:</td><td>Vincent Wang</td><td>Approved By:</td><td></td></tr></table> Dong Guan Honour Electronic Co.,Ltd. Product type Wireless Charging coil				Prepared By:	Jing Jing Li	Precheck By:		Checked By:	Li Bin Huang	Checked By:		Approved By:	Vincent Wang	Approved By:	
Prepared By:	Jing Jing Li	Precheck By:													
Checked By:	Li Bin Huang	Checked By:													
Approved By:	Vincent Wang	Approved By:													

	Product Specification		Model	H10315
			Ver.	A0
			Page	2/4
Customer Code	H103	Product Name	101.20.05790 MPP QI2.0 wireless charging coil	
Specification	20.5*39*0.08*75*11TS+G43.2B	Winding Direction	CCW	
Document issue record				
Ver.	Modify Desc.		Issue Date	
A0	First issue		2024/5/9	
#REF!		产品种类 Prodct Type	无线充线圈 Wireless Charging coil	
Dong Guan Honour Electronic Co.,Ltd.				

	Product Specification		Model	H10315
			Ver.	A0
			Page	3/4
Customer Code	H103	Product Name	101.20.05790 MPP QI2.0 wireless charging coil	
Specification	20.5*39*0.08*75*11TS+G43.2B	Winding Direction	CCW	

I. Product Size(Unit: MM)



Items	Size	Tol.
A	20.5	±0.5
B	39.0	±0.5
C	43.5	±0.8
D	8	±1.0
E	2	±1.0
F	2.30	max

II. Schematic diagram



III. Winding Specification:

Wdg Type	Wire		Wire OD	Turns	Layer
CCW	S	F	0.08*75P 漆包线	11	1

IV. Electrical Characteristics

NO.	Properties	Test conditions	Value	Unit	TOL	Tester
1	LS	100KHZ/1V	7.7	μH	±10%	TH2830
2	DCR	@25° C	65	mΩ	max	TH2516
3	Q Factor	100KHZ/1V	60		Min	TH2830

V. Material list

NO.	Material	Spec.
1	Litz wire	0.08*75P
2	Ferrite sheet-1	43.5*5*0.7
3	Ferrite sheet-2	15*1.0
4	Tape	double tape 42*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
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		Product Specification		Model	H10315
				Ver.	A0
				Page	4/4
Customer Code	H103		Product Name	101.20.05790 MPP Q12.0 wireless charging coil	
Specification	20.5*39*0.08*75*11TS+G43.2B		Winding Direction	CCW	
VI.Reliability Testing					
1	Temperature and humidity resistance test	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 of 93 ± 2RH% for 24 hours. After the experiment, it is placed at room temperature for 2 hours to test its appearance and function	2	Pass
2	High and low temperature cycling test	Test conditions	40 ± 2 ° C/1H, converted to high temperature of 75 ° C ± 2 ° C/1H within 1 minute, for a total of 36 cycles, at room temperature for 2 hours	QTY	Result
		Test method	The sample is placed at a bottom temperature of -40 ± 2 ° C/1h and then converted to a high temperature of 75 ± 2 ° C/1H within 1 minute as one cycle. The test is conducted for 24 cycles (a total of 48 hours), and the sample is restored to room temperature for 2 hours. The appearance and function are tested	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 mass ratio of 5% ± 1% to carry out salt water spray test on the sample continuously for 2h, and test whether the performance is qualified	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 GT/T 2828.1-2012, inspection level is Level II. CR=0 MA=0.25 MI=0.65					
IX. Environmental requirements					
This product meets the environmental requirements of Rohs and Reach					
Dong Guan Honour Electronic Co.,Ltd.			Product Type	Wireless Charging coil	