



Shenzhen Blue Ocean Technology Co., Ltd

Parts Confirmation Letter

Specification For Approval

Customer

Dongguan Hanwen Electronic Technology Co., Ltd

Part Type

Coil

Part Number

Y.013.00281

Specification
Description

Φ 20.5*D39.5*8.4uH*0.08*65P*11TS-42mm

Admitted that date

2024/11/28

REV

A0

Admit the cause

☒Component

☐Customer introduction

☐Choose for oneself

☐Update Approval sheet

☐Cost optimization

☐Increase supply

MANUFACTURER SIGNATURE

APPROVED SIGNATURE



TESTED BY

CHECKED BY

APPROVED BY

QA

ED

E&D

TESTED BY

VERIFY

TESTED BY

CHECKED BY

APPROVED BY

Xu Binliu

Guo Xingxing

Guo Hanping

Form number: LZY-4-RD-002 A/0



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SAMPLE SPECIFICATION FOR APPROVAL

Page number:1/4

Customer	Shenzhen Blue Ocean Technology Co., Ltd
Part Name	Y.013.00281
Part Name	HW-241128001
Part No.	φ20.5*D39.5*8.4uH*0.08*65P*11TS-42mm
Rev.	A0
Date	2024/11/28

Customer Approved And Signature

Han wen Approved



Guo Hanping

1.Sample Submission Reason

☒ 1.New SPEC ☐ 2.New Material ☐ 3.ECR. ☐ 4.Improve packaging.

2.Request For New SPEC.

Current	Request	Reason

Remark:

1.Above product comply to li yin Environmental material system requirement.

2.In Event Of No Sign Back,We Will Under Take P.O. As Acceptance To Sample Approval!

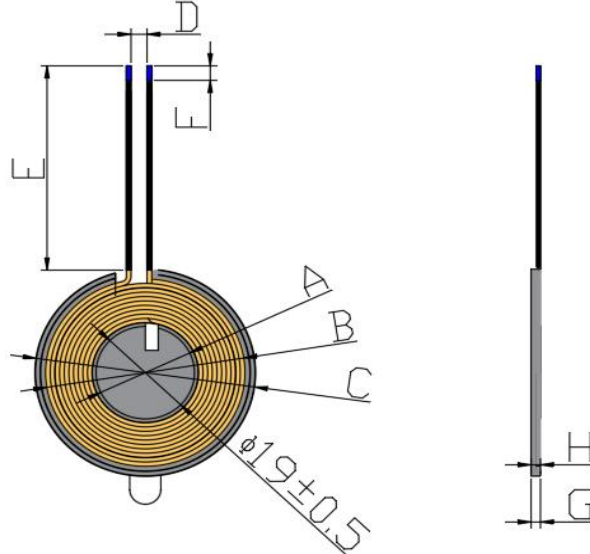
Revision history

[illegible]

Product Specification

customer	Blue Ocean	Customer ID	Y.013.00281	date	2024/11/28	Document Number	HW-03-1128001
product number	HW-241128001	Product specifications	φ20.5*D39.5*8.4uH*0.08*65P*11TS-42mm	version	A0	page number	2/4

1. Appearance&Size(Unit: mm):



A (Inner diameter of coil)	B (outer diameter of coil)	C (outer diameter of magnetic disk)	D (Handover)	E (lead length)	F (Tin Plating)	G (magnetic thickness)	H (total thickness of magnetic sheet and coil)
20.5±0.5	39.5±0.5	42.1±0.5	2-5 non crossing	42±1.5	2±1	2.0±0.05	2.2MAX(Excluding release paper)

2. Electrical characteristics:

No.	Parameter	Specification	Test Instrument
1	Ls	8.3uH±10%(including magnetic plates)	DIGITAL LCR METER or EQUIVALENT (@100kHz 1.0 Vrms)
2	Q	50 MIN	
3	DCR	70 mΩ Max (25℃)	

3.Material List:

Material name	specifications	manufacturer	UL number
wire rod	0.08 * 65P (hot air self-adhesive stranded wire)	JJY/RH	/
magnetic sheet	φ42.1*19*2.0Hmm (slotting; Small circle in the middle 19 filled magnetic sheet)	KL/HC	/
double-sided tape	φ40.5*0.08MM (Ordinary adhesive tape with hand tear position)	XR	
bushing	φ1.0*40MMBlack ultra-thin sleeve		
glue	White glue	XMY	/
tin	High temperature lead-free tin	QD	

Note:

Approval

make	to examine	approval	customer
Xu Binliu	Guo Xingxing	Guo Hanping	confirmation



Sample Test Data

customer		Blue Ocean		Customer ID		Y.013.00281				date		2024/11/28		Document Number		HW-03-1128001		
product number		HW-241128001		Product specifications		φ20.5*D39.5*8.4uH*0.08*65P*11TS-42mm					version		A0		page number		3/4	
Test project	Characteristic testing				Dimensional measurement													
	Ls		Q	DCR	A (Inner diameter of coil)	B (Outer diameter of coil)	C (Magnetic disk outer diameter)	D (Handover)	E (Lead length)	F (tin-plating)	G (Magnetic thickness)	H (Total thickness of magnetic sheet and coil)						
Specification standards	8.3uH±10% (含磁片)		50 MIN	70 mΩ Max (25℃)	20.5±0.5	39.5±0.5	42.1±0.5	2-5不交叉	42±1.5	2±1	2.0±0.05	2.2MAX(Excluding release paper)						
unit	uH			mΩ	mm													
Test conditions	(100KHz/1.0V)				calipers													

Test data

No.1	8.43	57.40	66.89	20.48	39.43	42.12	2.35	42.30	2.50	2.05	2.07	
No.2	8.58	57.97	67.16	20.47	39.36	42.03	2.35	42.40	2.50	2.06	2.08	
No.3	8.53	58.31	67.23	20.48	39.28	42.12	2.47	42.28	2.44	2.05	2.07	
No.4	8.58	58.43	67.13	20.48	39.27	42.04	2.33	42.38	2.38	2.05	2.70	
No.5	8.43	58.68	66.96	20.48	39.38	42.14	2.36	42.25	2.26	2.05	2.08	
No.6												
No.7												
No.8												
No.9												
No.10												
Result	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	



Note:				Approval									
				make		to examine	approval	customer	confirmation				
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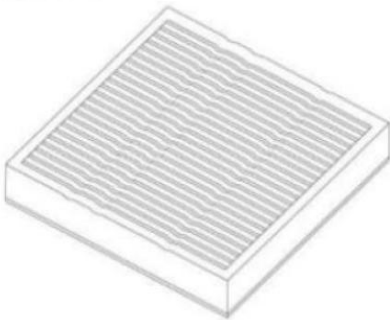


Product Specification

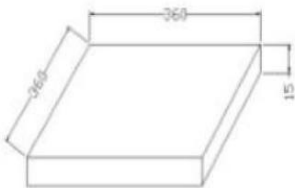
customer	Blue Ocean	Customer ID	Y.013.00281	date	2024/11/28	Document Number	HW-03-1128001
product number	HW-241128001	Product specifications	$\varnothing$ 20.5*D39.5*8.4uH*0.08*65P*11 TS-42mm		version	A0	page number 4/4

1. Packaging&Size (Unit: mm):

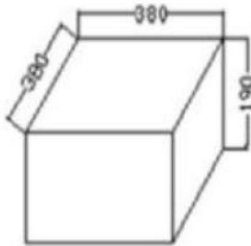
Inner box (White EPE):Dimension(mm):L×W×H=370×370×56;
Quantity per inner box:150PCS



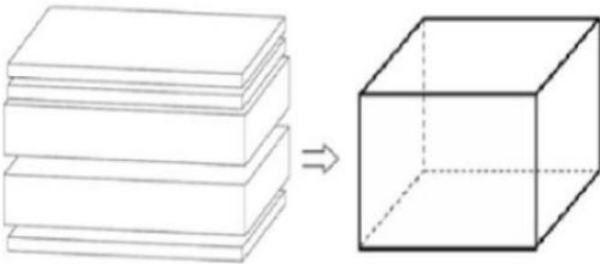
Foam gasket (White EPE):
Dimension(mm):L×W×H=360×360×16



Carton
Dimension(mm):L×W×H=380×380×190



Outer Carton:Quantity per carton:300PCS



Pearl cotton tray: one slot 8PCS; One plate of 288PCS;
One box of 4 discs/1152PCS

Outer box size:41cm*28.5cm*22.5cm

Note:

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