



Shenzhen Lan Zhiyang Technology

Co., Ltd. Part Recognition Certificate

Specification For Approval

Supplier Name

Dongguan Hanwen Electronic Technology Co., Ltd.

Customer

Part name

Coil

Part Type

Part Number:

Y. 013. 00363

0

Specification Description

42. 1*T2. 0*20. 5*39. 5*8. 4uH*0. 08*65P*11TS-L42mm

Specification
Description

Date of Recognition

2026-4-23

Edition

A0

Admitted that
date

REV

Reason for Admission

☐ New Material/New Component

☐ Customer Introduction

Admit the
cause

☐ Self-selected/Choose for yourself

☐ Sample Upgrade/Update Approval Sheet Entry Increase Supply

☐ Cost optimization/Cost optimization

Manufacturer Signature Field: MANUFACTURER

SIGNATURE



Accept the seal stamp

APPROVED SIGNATURE

Test
TESTED BY

Examine and verify
CHECKED BY

Ratify
APPROVED BY

Test
TESTED BY

Audit-checked

ratify BY
APPROVED BY

Test
(DQA)

Matter
(IQC)

Quality
(DQE)

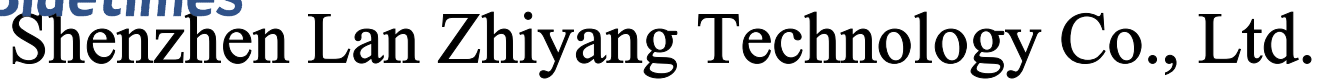
Develop
(RD)

project
(PM)

Xiong Liangliang

He Zhengbin

Guo Hanping



Catalogue

[illegible]



Dongguan Hanwen Electronic Technology Co., Ltd.

Han Wen TECHNOLOGY LTD

Address: No.1 Kongqiao Road, Shijie Town, Dongguan City

TEL:0769-81804939 FAX:0769-81381716

Sample Specification Confirmation Letter

SAMPLE SPECIFICATION FOR APPROVAL

Customer Name/Customer	Shenzhen Lan Zhiyang Technology Co., Ltd.
Customer Number/Part Name	Y. 013. 00363
Number/Part Name	—
Specification/Part No.	42. 1*T2. 0*20. 5*39. 5*8. 4uH*0. 08*65P*11TS-L42mm
Edition /Rev.	A0
Date of Creation	2026-4-23

Customer's acknowledgment
signature/

Customer Approved And Signature

**This factory confirms/
Han Wen Approved**



Guo Hanping

1. Reason for sample submission/Sample Submission Reason

☒ 1. New Specification/New SPEC ☐ 2. New Material/Additional Materials ☐ 3. ECR/ Change ☐ Improvement Package

2. Modified Specification Description/Request for New SPEC.

Original Specification/C current	Change Specification/Request	Reason for Change/Reason

Remark:

1. This product complies with the regulatory requirements for environmentally relevant substances.

Above product comply to li yin Environmental material system requirement.

2. If No Response Is Received, Your Order Will Be Considered Approved as a Sample.

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

Change Resume

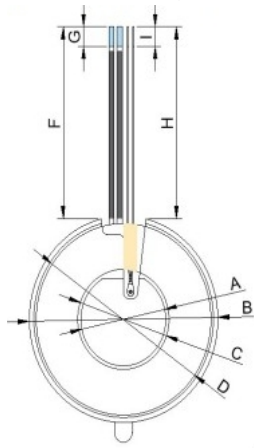
[illegible]



Product Specification

Client	A-0080	Customer ID	Y. 013. 00363	Date	2026-4-23	Document number	HW-03-0423001
Identification of product	1	Size of product	42. 1*12. 0*20. 5*39. 5*8. 4uH* 0. 08*65P*11TS-L42mm	Edition	A0	Page number	5/8

1 外观 & Dimensions (Unit: mm):



The central outer edge of the A-type magnetic plate	Guan-type magnetic outer diameter	Inner diameter of C coil	External diameter of D coil	E aggregate thickness	F length of lead	G soldering length	H (NTC) output line length	I (NTC)Shanghai Tin
19±0. 5	42. 1±0. 5	20. 5±0. 5	39. 5±1. 0	2. 1±0. 1	42±2. 0	2±1. 0	42±2. 0	2±1. 0

Note: There should be no gaps or voids between the coil and the magnetic plate.

The total thickness dimension of the finished product is measured at the wire exit position, excluding the release paper and the high-temperature adhesive tape for wire removal.

2 。 electrical character :

No.	Parameter	Specification	Test Instrument
1	Ls	8.4 μ H ± 10% (including magnetic core)	100kHz 1.0 Vrms

3. bill of materials :

Material Name	Specifications	Manufacturer	UL Number
Wire stock	0.08*65P (hot air stranded wire)	RH/JJY	/
Tin	High-temperature lead-free tin	YX	/
Guan-type magnetic plate	φ 42.1±0.5 × 19±0.5 × T2.0±0.1 mm (slotted; central small circle: 19 mm mold-filling magnetic sheet)	HC/KL	/
Double faced adhesive tape	φ 41±0.5*0.1±0.02 mm (standard double-sided adhesive tape without holes or grooves, featuring a tear-off edge; magnetic surface attached; ※the tear-off edge faces the 6 o'clock position)	XR/WY	/
Gummed paper	5mm high-temperature adhesive tape	XHH	/
Casing	φ 1.0*L 40-41mm black ultra-thin sleeve	XK	/
NTC	B3950 ±1%; blackhead diameter less than 1.2 mm; length = 60 mm; tin coating thickness 2 ±1 mm	YTD	/
Glue	White Glue	XMY	/

Remarks :

Approval Box/Approval

Fabrication	Examine and verify	Approval	Customer Confirmation
Lin Shiy Yan	He Zhengbin	Guo Hanping	

Dongguan Hanwen Electronic Technology Co., Ltd. Environmental Management Substances Parts List

Product Information	
Final product name: Product name	Coil
AFAN finished product code AFAN Product No.	Y.013.00363
Supplier's finished product code: Supplier Product	
Manufacturing location: Amufarwing	Dongguan Hanwen Electronic Technology Co., Ltd.
Total weight Total weight (g)	11.3g

Supplier Information: Supplier Contact Details	
Company Name: Company Name	Dongguan Hanwen Electronic Technology Co., Ltd.
Form filler/Title Contact Name/Title	Zhou Xiaoqiang
Form filling date: Date: Y/W/DD	2026-4-23
E-mail E mail address	dzhanyena@183, cm
Phone Number	0769-81804939

No.	Supplier part number: Supplier's part no.	Part name/description	Manufacturer Name	Manufacturer part number: Manufactory Part D0.	Test Report Number: Test Report No.	Test Date Test Date (Y/M/DD)	Test result (pra)																Test Report		Ingredients Table Perhaps SIG	Weight Percentage Weigh (9)	Remarks Reuark	
							RuHS 6 items						ROH 3.0 Item				HF		PFOS	PFOA	Sb	Phthalate lleea						Hexafluorobenzene: a benzopyrene compound
							P	cd	lla	Cr6+	PB	PEDE	DEIP	DIEP	EBP	DE	cl	Br										
1		Coil	Group 1	Hot-air stranded wire	SHAEC25013482007	2025-6-11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Mouth n50H5 Halogen Station: Wen Dan PA		Mouth General Figure SD5p Grass	Steel: 97.320%; Polyurethane resin: 268%; C0 compounds: 0.0%; Phenolic compounds: 0.0%; Xylene compounds: 0.0%	Cresol, phenol, and xylene serve as solvents in raw materials; they are completely volatilized during production and are absent from the finished enameled wire products.	
2	Koli		Fan-shaped magnetic plate	SZKEC25001937702	2025-6-11	4	ND	ND	D	D	ND	ND	ND	ND	ND	ND	D	ND	ND	ND	ND	ND	ND	Solid Deep full-surface z5C250197	Pit Fluoride Handling Transportation, Materials, and Operations	Iron oxide: 88-71%; tetra Manganese oxide: 15-23%; Zinc oxide: 5-15%		
3	Xinhuahui		Gummed paper	SZXPc25001695203	2025-5-22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Mouth =akNG	PI film; 50-50%; adhesive layer; 50-30%	
4	Crown		Double faced adhesive tape	CANEC23008644310	2023-8-30	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sexual stimulation patch arB. LinPAie		948A MSCSpdf	Lead: 0.002%	
5	Yue Taida		NTC	CANEC25024218905	2025-10-10	ND	ND	ND	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Dichromatic Jinbao Line – RDH SCAMECZ55024		Solid BNTC phase during oxygenation of MSDS	Mn: 3041.0~5%、Ca3040.53%、NiO 0.2~1.5%、A 12030.1~1.5%、Fe 2030.01~0.5%、Zn 0.05~1%、Ag 0.2~1%、epoxy resin 3~15%、copper 11~39%、steel 0%、polyurethane paint film 537%、Sn 35%	
	Xinkē		Casing	CANEC25009535805	2025-5-B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sun	Sun MSD stamped	Polyolefin: 50%; Magnesium hydroxide: 35%; Phosphorus-based flame retardant: 10%; Color masterbatch: 4%; Ink: 1%	
5	Famous		Glue	SZKEC25004051901	2025-10-30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Mouth MSspdt	Vinyl acetate-ethylene copolymer: 57% MnBX; Water: 42% min	
6	Yue Xing		Tin	CANEC25016769901	2025-7-16	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	National Status Group III ROH report English PDL	Mouth Raw flow period MSDSpdt	Tin: 99.97%; Silver: 0.001%; Copper: 0.01%; Lead: 0.0013%; Antimony: 0.0003%; Manganese: 0.0013%; Arsenic: 0.0001%; Aluminum: 0.0001%; Zinc: 0.0002%

★ The supplier shall ensure that the provided data is accurate and error-free. In the test fields of this form, only test values are permitted; ND and NA may not be left blank.

★ The content of hazardous substances in homogeneous materials must comply with the latest requirements of the "Material Limitation Specifications"; other testing requirements shall be determined according to customer specifications.

For homogeneous materials that cannot be returned, the corresponding test reports and composition table (or MSDS document) must be provided.

1. The ROHS ten items (Pb, Cd, Hg, Cr+6, PE, PBDE, DEIP, DBP, BBP, DIBP) are mandatory test items. The metal wash-off test (P6, Cd, Hg, Cr+6) is also required.

2. In addition to metals, halogen tests (Cl- and Br-) are mandatory items. For wires, both inside and outside, as well as for plastic types, Sb testing is required; for fluoride (F-), higher concentrations necessitate PFOA and PFOS test reports.

3. When the homogeneous material is wire insulation, wire core, heat-shrink conduit, coating material, etc., the test results of 11P (DINP, DIDP, DNOP, DEP, [MP, DHNUP, DIHP, DMEP, DIPP, DnHP, DPP]) must be provided.

4. Coatings, inks, adhesives, and cleaning agents require a WDC compliance report.

The test report is valid for one year from the test date.



Sample test data
Sample Test Data

Client	A-0080	Customer ID	Y. 013. 00363				Date	2026-4-23		Document number	HW-03-0423001		
Identification of product	-		Size of product	42. 1*T2. 0*20. 5*39. 5*8. 4uH*0. 08*65P*11TSL42mm					Edition	A0		Page number	7/8
Test item	Characteristic test			Dimensional measurement									
	Ls			The outer diameter of the central part of the A-type magnetic disk	B-type magnetic outer diameter	Inner diameter of C coil	External diameter of D coil	E aggregate thickness	F length of lead	G Solder length	H (NTC) output line length	I (NTC) on tin	
Specification standards	8.4 μ H $\pm$ 1% (including magnetic core)			19 $\pm$ 0. 5	42. 1 $\pm$ 0. 5	20. 5 $\pm$ 0. 5	39. 5 $\pm$ 1. 0	2. 1 $\pm$ 0. 1	42 $\pm$ 2. 0	2 $\pm$ 1. 0	42 $\pm$ 2. 0	2 $\pm$ 1. 0	
Unit	uH			mm									
Test condition	(100KHz/1. 0V)			Callipers									
Test data													
No. 1	8. 47			19. 02	42. 11	20. 52	39. 58	2. 08	42. 11	2. 02	42. 13	2. 02	
No. 2	8. 59			19. 03	42. 09	20. 53	39. 54	2. 05	42. 15	2. 13	42. 15	2. 03	
No. 3	8. 56			19. 05	42. 05	20. 55	39. 52	2. 06	42. 16	2. 06	42. 16	2. 01	
No. 4	8. 51			19. 04	42. 08	20. 58	39. 52	2. 08	42. 14	2. 04	42. 14	2. 06	
No. 5	8. 49			19. 03	42. 11	20. 59	39. 59	2. 05	42. 13	1. 98	42. 13	2. 02	
No. 6													
No. 7													
No. 8													
No. 9													
No. 10													
Decision Result	OK			OK	OK	OK	OK	OK	OK	OK	OK	OK	
Remarks :				Approval Box/Approval									
				Fabrication	Affirm	Examine and verify		Approval	Customer Confirmation				
				Lin Shiy Yan	Xiong Liangliang	He Zhengbin		Guo Hanping					



Shipments Inspection Report

Client
Compan

Blue Ocean

PRODUCTS AND MATERIAL INSPECTION REPORT

Inspection date: 2025.04.23

Check Date

Inspection Category: ☒ End product ☐ semi-manufactures ☐ Sample ☐ material

Check Type Finish Goods WIP Sample Raw Material

Next: ☒ Initial Examination ☐ Re-examination

Check Times First Check Recheck

Batch
Number:
Lot No.

HW2026204230001

Check method: ☐ Comprehensive appearance inspection ☒ External appearance inspection shall be conducted in accordance with ANSI/ASQ Z1.4-2003.

AQL For VMI

Check Method 100% Check for VMI Sampling for VMI according to ANSI/ASQ Z1.4-2003 AQL0.4% II

Crit.

0

Acc=0 Rej=1

Product Name/Part Name: Coil

Part No.: 42.1*T2.0*20.5*39.5*8.4uH*0.08*65P*11TSL42
mm

Major

0.4

Acc=0 Rej=1

Batch

/Lot Siz:1000PCS

P/N:

Y.013.00363

Order/P.O.:

Minor

0.65

Acc=1 Rej=2

Number	Inspection Items/Sampling Plan	Inspection Number	Bad Number	Inspection record/Inspection data										Check Method	Judge /Judge		
				01	02	03	04	05	06	07	08	09	10		Method	Acc	UAI
No.	Parameter/Sampling Plan	Insp.Qty	Defects	01	02	03	04	05	06	07	08	09	10				
1	Surface	80	0	The coil exhibits no stray wires, contamination, deformation, or other defects.										Visual	√		
2	Unit of measurement (mm)																
	Coil outer diameter																
	39.5±1	5	0	39.72	39.46	39.56	39.55	39.86	39.48	39.56	39.74	39.57	39.77	Callipers	√		
	Inner diameter of the coil																
	20.5±0.5	5	0	20.56	20.49	20.4	20.22	20.61	20.26	20.55	20.34	20.42	20.28	Callipers	√		
	Disc outer diameter																
	42.1±0.5	5	0	42.08	42.05	42.09	42.15	42.11	42.08	42.23	42.21	42.08	42.06	Callipers	√		
	Soldering length																
	2±1	5	0	1.46	2.03	2.58	1.88	2.55	2.42	2.41	2.12	2.58	2.37	Callipers	√		
	Length of lead																
	42±2	5	0	42.67	42.86	42.88	42.46	42.2	42.54	42.74	42.29	42.81	42.68	Callipers	√		
	Aggregate thickness																
	2.1±0.1	5	0	2.04	2.06	2.03	2.02	2.13	2.06	2.11	2.03	2.03	2.07	Callipers	√		
	NTC pass-through length																
	42±2	5	0	42.11	42.08	42.54	42.39	42.26	42.23	42.42	42.15	42.56	42.37	Callipers	√		
3	Electrical character						100 KHZ,1.0V										
	LS:8.4±10%	5	0	8.63	8.61	8.59	8.42	8.77	8.52	8.64	8.58	8.43	8.49	Tester	√		
Final Judgment/Final Judge		Inspector		Approved by				Remarks:									
		Checker		By													
ACC		Wu Jiaqiong		Zhou Xiaoqiang													