

Product Specification Book



specification number	20220914008
effective date	2022/9/14

customer name	Dongguan Jiajiantong Plastic Mold Co., Ltd.
product type	Apple Watch coil
Hui Bo Ya Material Number	HBY20220914008 - Watch soft magnetic coil, L = 130MM
Customer Material Number	

staffing	audit	ratify
Liu Fengli	Xiao Shufang	Zhu Hui

Anfu County Huiboya Electronics Co., Ltd.

Address: Huibobo Ya Electronics Co., Ltd., beside Xuefu Spring, Anfu County, Jiangxi Province
TEL: 13576651594

This acknowledgement form must be signed and returned by the customer within 30 days after receipt. Failure to do so within the specified period will be regarded as following the terms of this acknowledgement form when the production is carried out.

【Customer approval】

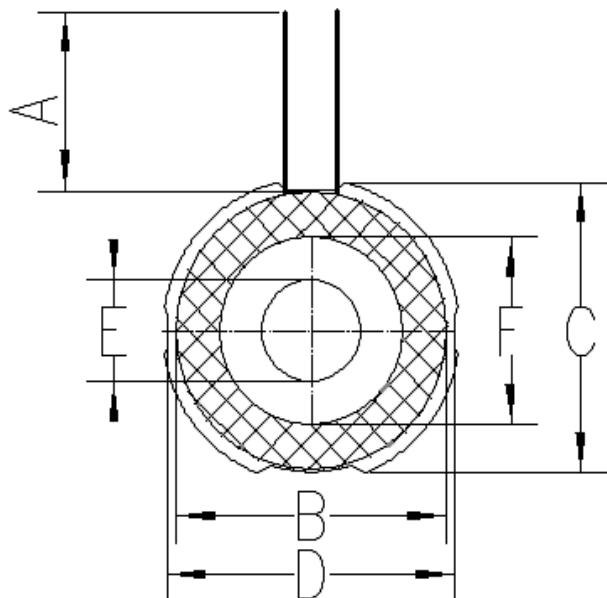
Date:

Acknowledgment status make a clean breast of Conditional approval disallow

ratify	audit	recheck	examine

explain:

◆ Dimensions



(Unit: mm)

A	130.0 ±1.0
B	20.1 ±1.0
C	22.5 ±0.5
D	24.5 ±1.0
E	7.5 *2.2
F	13.5 ±1.0
I	2.5±1.0(Disk thickness)

(1)Wire diameter: 0.08 * 24-pitch insulated wire

(2)Number of turns: 14TS

(3)Does the tail line cross over: Yes

(4)The coil and the magnetic sheet need to be adhered in the center.

(5)Magnetic disk back - 19mm round - 3M adhesive

◆ electrical specification:

parameter	specification	test condition	test instrument
L0	8.1 ±0.2% μH	100KHz/1V	■TH1816B
Q	>30 min	100KHz/1V	■TH1816B
DCR	<50 mΩ	@ 25°C	■CH-502BC

◆ temperature grade:

operating temperature	-40°C~ 125°C

◆ bill of materials:

No.	Trade name	material specification	supplier	Note
1	magnetic sheet	24.5 * 22.5 * 2.5 soft magnetic material		PC95 Manganese Zinc
2	copper wire	0.08*24		Copper wire wrapped around the wire.
3	tin	107H		Qiandao Environmental Protection Tin
4	glue	Custom white glue		environmentally-friendly adhesive
5	glue	3M adhesive		environmental protection

staffing

audit

ratify

Liu Fengli

Xiao Shufang

Zhu Hui