

Sample Specification

Product Name:	ID/MF Two-in-one antenna
Product Model:	SC800-ME (T423)
Original Model:	SC800-ME (T423)
Part Number:	SC800-ME (T423) application for SC800
Specification:	OD: 49mm*39mm*1.6mm±0.1mm Wire length:65±5mm 5P5 cable/ ID18.7mm±0.3mm LESL :350±5%uH
Sample Date:	2022.07.19
Sample Qty.:	6 PCS

Supplier confirmation	Compilation	Review	Approval
Customer confirmation	Inspection	Review	Approval

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SC800-ME (T423) Two-in-one Antenna

1. Basic features and application fields

1.) Basic features:

RF antenna has two roles: 1. provide RF field to activate the card; 2. receive the card to reply data; RF antenna practical application process according to the antenna structure size and the need for the sense value to determine the parameters of the antenna; specific according to the actual environment to make adjustments;.

2.) Application fields :

Can be widely used in all hosts RF reader cards reading.

2. Technical Specification

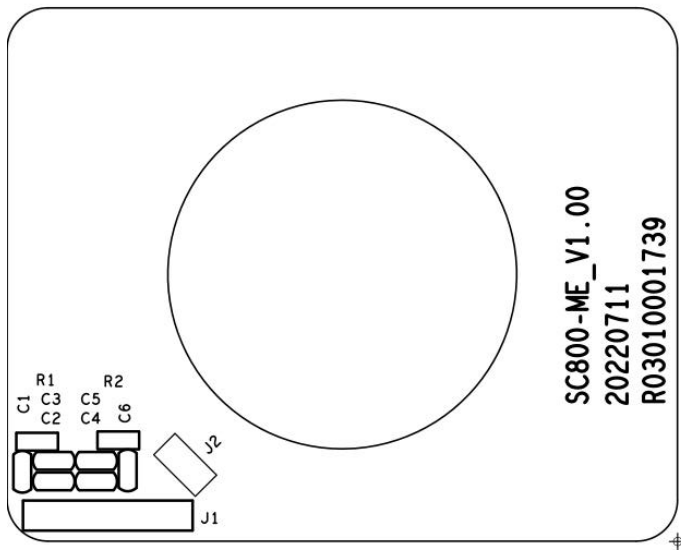
1.) Base parameter:

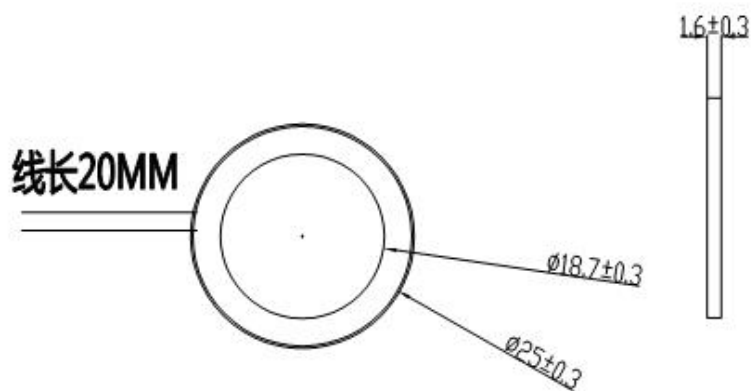
Model	SC800-ME (T423)
PCB Size	49mm*39mm±0.1mm
PCB Thickness	1.6±0.1MM
PCB MATERIAL	FR-4
Cable length	65MM±5MM
Card support	CPU / MF / NTAG Card
Voltage	5V (±5%)
Adaptive models and modules	Matching model: SC800 / Matching module:B133
Testing environment	Installation test, indoor temperature 25°C-30°C, humidity: 85%RH
Frequency	13.56MHZ, 125KHZ
Connect Cable	2651Gray FFC #28 / 1E-5P-65-1.25-2MM / Pass UL certificate / One end 1.25 pitch connector / PH-5Y / One end Immersion Tin / 5P5
LESL	350±5%uH

2.) Swiping distance

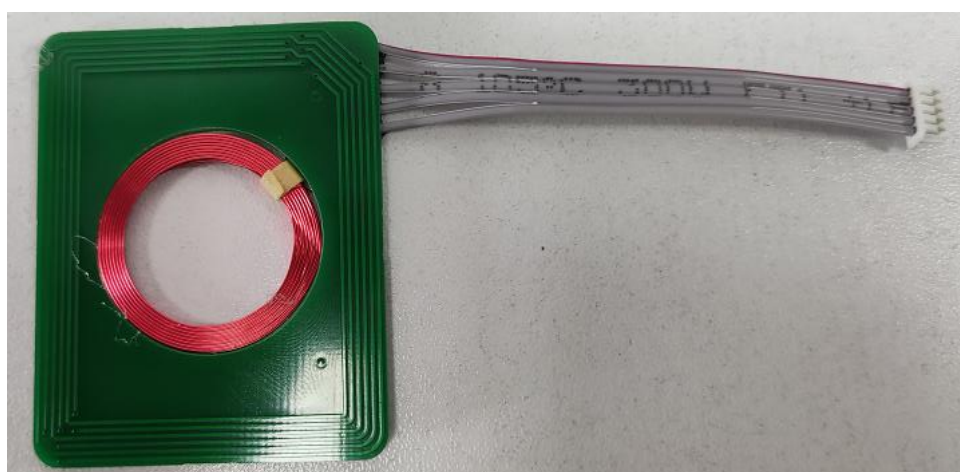
No.	Card Type	Testing Distance L	Remark
1	Desfire EV1 Card	0~L: L≥2.0CM	Remark: 0~L(L≥Lcm) (The actual distance is related to the card used and the application environment)
2	CPU Card	0~L: L≥2.0CM	
3	S70 Card	0~L: L≥2.0CM	
4	S50 Card	0~L: L≥2.0CM	
5	NTAG Card	0~L: L≥2.0CM	
6	NFC Card	0~L: L≥2.0CM	
7	IC Keyfob	0~L: L≥2.0CM	
8	ID Thin Card	0~L: L≥2.0CM	
9	ID Thick Card	0~L: L≥2.0CM	
10	ID Keyfob	0~L: L≥2.0CM	

3. Outside drawing





4. Pictures of Objects



5. Technician Contact Way

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Name: Yukai Huang Tel: 13066865845 QQ: 3005371972

Declaration of Environmental compliance

The company makes the following solemn declaration on the products provided:

1. This product complies with GB/T 26572-2011 《Limit Requirements for Restricted Substances in Electrical and Electronic Products》 and the exceptions for restricted substances stipulated by the state.
2. This product complies with GB/T 26125-2011 《Testing Methods for Six Restricted Substances in Electrical and Electronic Products》 .
3. This product complies with SJ/T 11364-2014 《Marking Requirements for Restricted Use of Hazardous Substances in Electrical and Electronic Products》 .
4. Product description:

Item	P/N	Model No.	Remark
1		SC800-ME (T423)	

Guangdong ZK Radio Electronic Tech Co.,Ltd

2022 / 07 / 18