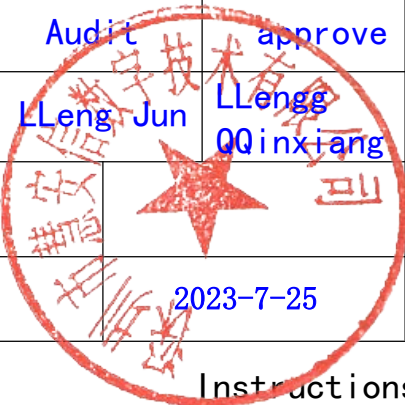


Acknowledgment

Company name: Anhui Xiechuang Internet of ThingsTechnology Co., Ltd
The item code: _____
The name of the item: Terminal wires
Model specifications: REDSINGLE0.2COPPERWIRE/23MMRED
date: 2023-07-25
Vendorname: Shenzhen Huianxin Digital Technology Co., Ltd
brand: Hui Anxin

admit Signature					
Supplier Acknowledgement			Customer acknowledges		
engineer	Audit	approve	engineer	Audit	approve
Gong Jiyong	LLeng Jun	LLengg QQinxiang			
stamp			stamp		
date	2023-7-25		date		
Instructions: ☐ accept ☐ Conditional acceptance					
The storage time under the storage conditions	Packing:	Packed in PE bags	Storage temperature range	-20-37℃	
	Storage relative humidity range	≤60%≤60%	Storage time	12 12months	
remark: rk:					

SSupplier name: Shenzhen Huianxin Digital Technology Co., Ltd
SSupplier address: 3rd Floor, Building C, Fukang Science and Technology Park, Yousong Road, Longhua New District, Shenzhen
Telephonenumber: 1375103159875
Email: 3511384037@qq.com

Shenzhen Huianxin Digital Technology Co., Ltd

Document revision resume

[illegible]

	A		B	C	D	E	F	
	Customer part number				1.0	2023-09-05	Initial release	
					version	date	Modifications	Modified by
1								
2								
3	red 25MM±2MM Strip the line1MM+0.5Upper tin -0MM							
4	Technical requirements 1. 100% conduction test, no short circuit, open circuit, misalignment, poor contact. 2. The forming mold should not have undesirable phenomena such as less glue, burrs, shrinkage, etc. 3. The terminal wire sequence can not be connected wrong. 4. It is necessary to control the dimensional tolerance range of the wire. 5. The terminal requirements are implemented according to the requirements of the drawings.							
5								
6					cartography	Poor work is not injected	Shenzhen Huianxin Digital Technology Co., Ltd	
					GJY	.X=±0.5		
					2023-09-05	.XX=±0.3		
						.X° =±2°	Specification description: One end of solder connection wire	
					Audit:			
	1	wire rod	Single 0.2TS OD 0.6 red electronic wire	1PCS		unit: mm	client: XC-M-016	version: 1.0
	serial number	material	specification	Necessary number	approve:	proportion: ferr	HAX-XC-202300905-1-M Paper: A4	
						page number: 1/1		
	A		B	C	D	E	F	

Shenzhen Huianxin Digital Technology Co., Ltd

Cable details

I: Composition and electrical performance of the connector

1: Plastic shell material : PA66

2: Terminal material: Phosphor bronze tinned

3: Rated voltage: 250V

4: Rated current: 2A

5: Contact resistance: $\leq 0.01 \Omega$

6: Insulation resistance: $\geq 100M \Omega$

7: Withstand voltage: 300V AC

8: Ambient temperature range: $-25^{\circ} C - 85^{\circ} C$

9: Applicable wire gauge: 26#-32#

10: spacing:

11: PIN bits:

II: Composition and electrical properties of the wiring harness

1: Insulation material: PVC

2: Conductor material: tinned copper

3: Insulation outer diameter: $0.6mm \pm 0.08mm$

4: Conductor diameter: $1*0.2mm \pm 0.03mm$

5: Conductor cross-sectional area: $0.031mm^2$

III: mechanical properties of wire

1: Wire swing test: hang 50g standard weight, reciprocating motion at 90° back and forth at a speed of 40/min, The number of wire swings ≥ 800 times without breaking.

2: Terminal and wire tensile force: $\geq 1.2KG$

3: The mating force between the terminal and the rubber shell: $\geq 6N$

Packing:

According to the length of the wire, the model is different, the number of each wire rod is 50-500 a bundle, at least 100 finished products are spot-checked before shipment, and the wire rod is evenly divided into each wire, after the completion of the small wire is packed in PE bags, pasted with internal labels, and protected by bubble bags with looper needles, according to the actual situation of the wire, 350mm*190mm*230mm or 450mm*315mm*320mm boxes are used to pack, 1000pcs-10000pcs per box, and then sealed with transparent tape, Affix the outer label,



Efficiency& Gain

Frequency	Efficiency	Peak Gain
2400MHz	25.9%	-2.17 dBi
2440MHz	27.5%	0.12 dBi
2500MHz	28.2%	0.17 dBi

Radiation Pattern:

