APPROVAL SHEET

CUSTOMER NAME	Shenzhen Kaibo Technology Co., Ltd.	
CUSTOMER P/N		
PART NAME	2.4G/5G 90° curved male-to-male black split antenna	
P/ N	YJC-60302-B58	
APPROVAL REV.	A0	
DELIVERY DATE	January 8th, 2026	
PREPARED BY	Yin Feijie	
CHECKED BY	Fang Wenfeng	
APPROVED BY	Chauhan	
Customer Approved		
Prepared By	Checked By	Approved By

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catalogue

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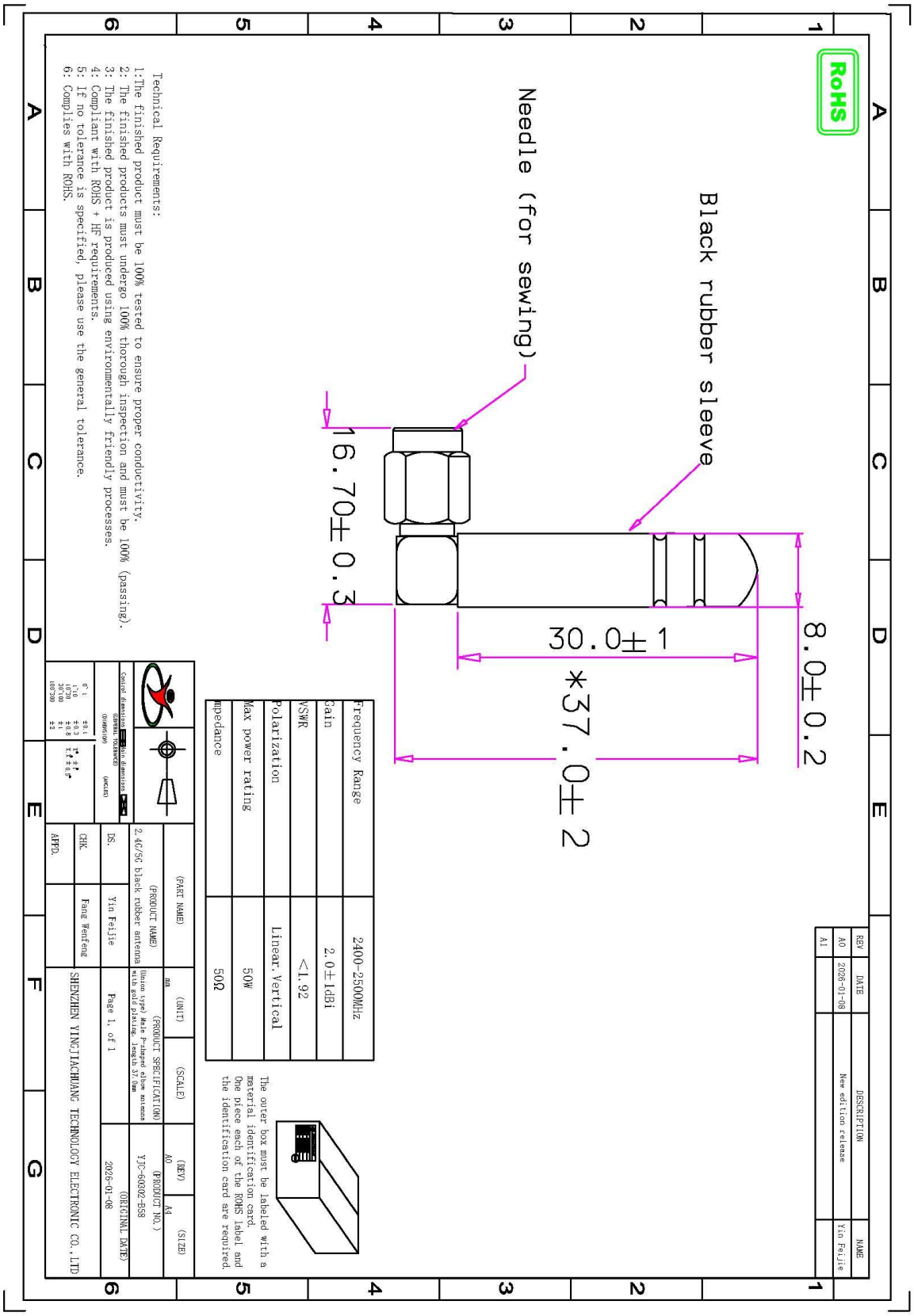
Revise the resume：

Version	Change content and reasons for the change	Date	Issue
A/0	First edition release	January 8th, 2026	

Antenna plan view：



Antenna technical parameters and environmental testing：：

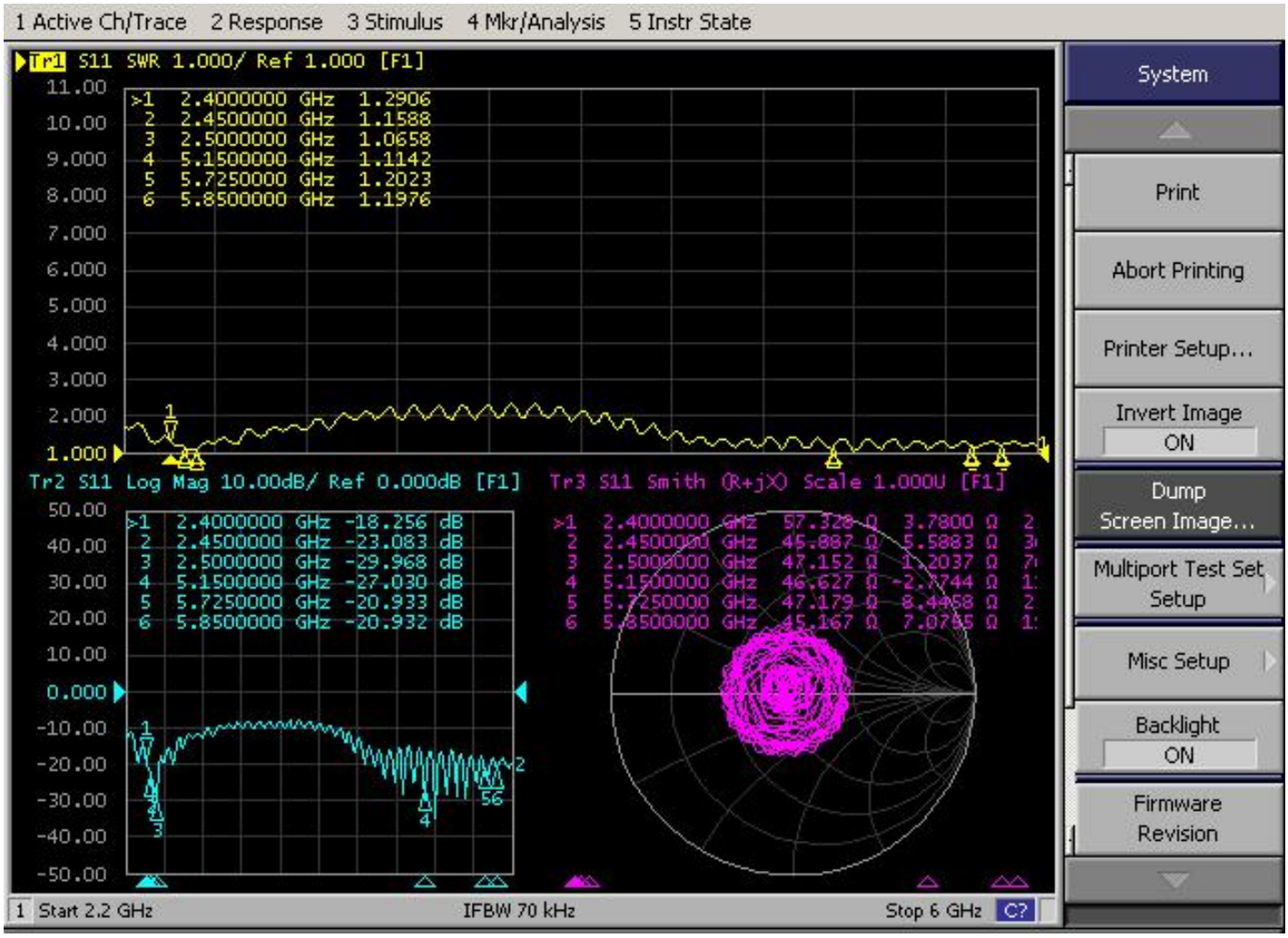
Electrical technical parameter			
Electrical Specifications		Mechanical Specifications	
Frequency Range	2400-2500/5150-5850 MHz	Antenna Color	Black
VSWR	＜1.92	Input connector	SMA
Input Impedance	50 Ω	Length of antenna	37mm
Direction	All	Working Temperature	-20℃~+70℃
Gain	3.0±1 dBi	Working Humidity	20%~80%

Environmental performance test:

Project	Test condition	Standard
Storage Conditions	In the absence of specified test temperature, humidity, air pressure is as follows:: 1. Temperature is - 30 ℃ ~ + 80 ℃ 2. Relative humidity of 45% to 45% 3. Air pressure is 86 kpa to 106 kpa	Electrical and mechanical performace is normal
High and low temperature test	Between 70 ℃ and -20 ℃ for 5 loops, then 1-2 h under normal conditions, check the appearance quality.	Size should meet the requirements and meet the performance of mechinery and electric.
Constant damp and hot resistance test	95 + / - 3% relative humidity, temperature test: 40 ℃. Lasts 2 h after, try to take out the determination of electrical properties, within 5 min after try 1-2 h under article normal thing, check the appearance quality	Size should meet the requirements and meet the performance of mechinery and electric.
vibration test	10-55 hz, vibration frequency range of displacement amplitude: 0.35 MM, acceleration amplitude: 50.0 M/S, sweep cycles: 30 times	Electrical and mechanical performace is normal
Fall down test	1 m high altitude in accordance with the perpendicular axis free drop 3 times	Electrical and mechanical performace is normal

Physical picture of the antenna：

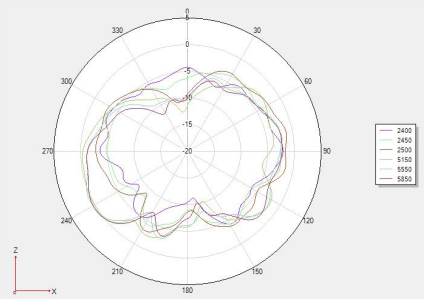
Antenna performance test：



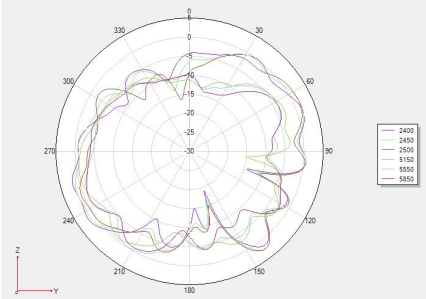
2D. 3D Test Data (2.4G/5G):

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	58.61	2.16
2410MHz	58.48	2.09
2420MHz	58.75	2.18
2430MHz	59.98	2.15
2440MHz	58.75	2.29
2450MHz	59.29	2.65
2460MHz	58.61	2.53
2470MHz	62.81	2.97
2480MHz	60.67	2.82
2490MHz	60.67	2.72
2500MHz	60.53	2.76
5150MHz	61.94	2.94
5250MHz	62.37	3.68
5350MHz	62.09	3.30
5450MHz	64.42	3.99
5550MHz	61.8	3.91
5650MHz	63.83	3.60
5750MHz	59.70	3.03
5850MHz	60.67	3.69

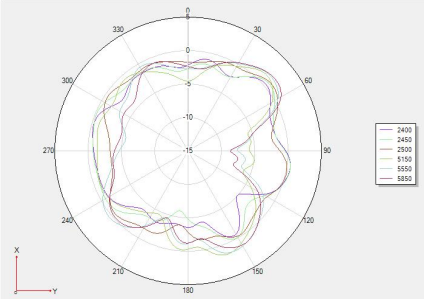
Phi 0 2D



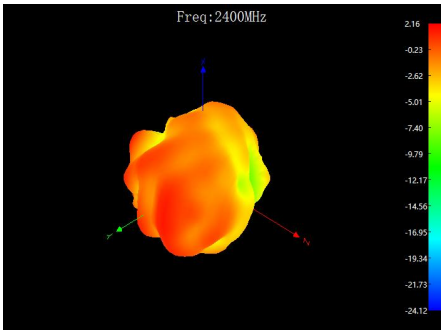
Phi 90 2D

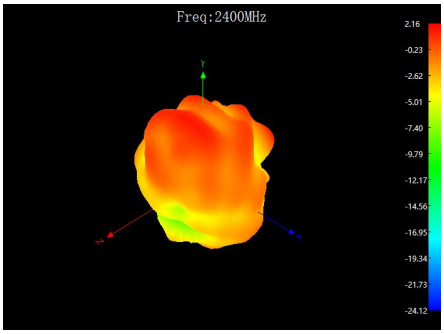


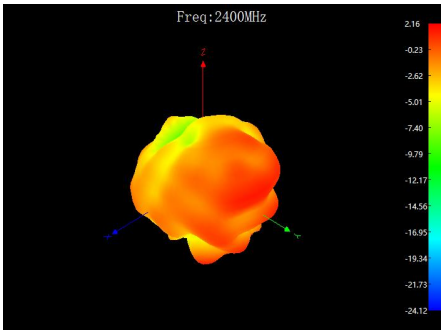
Theta 90 2D



3D 2400：







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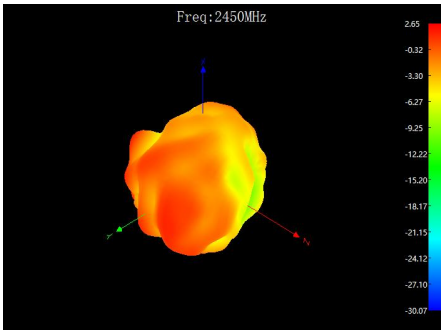
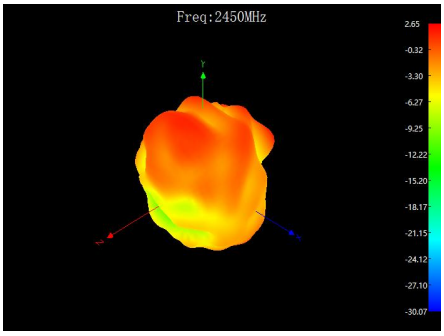
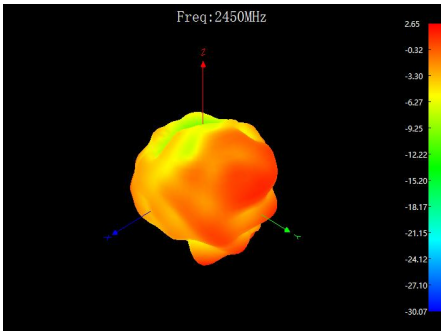
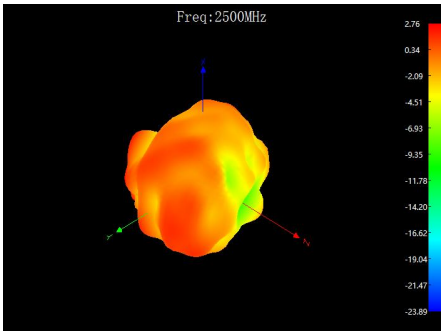
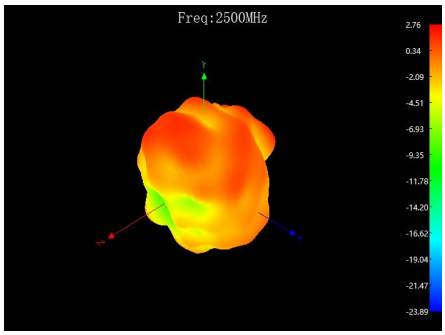


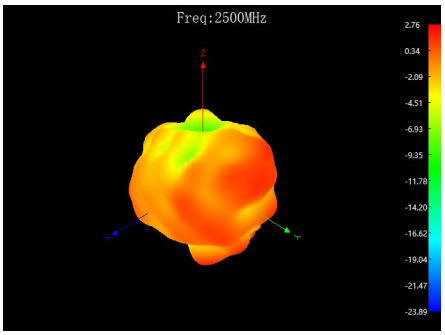




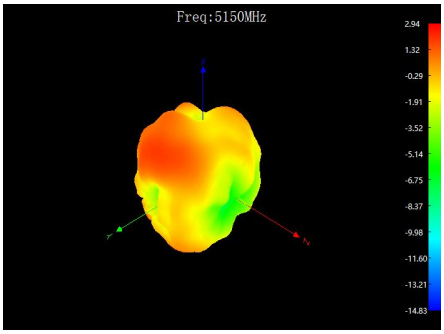
3D 2500：

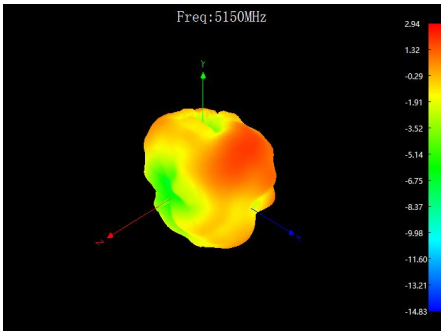


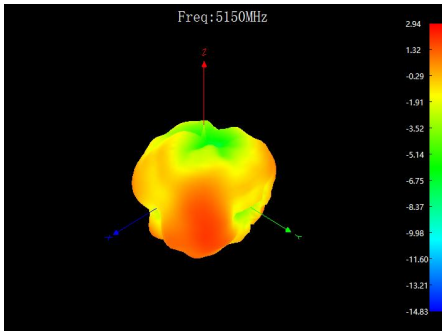




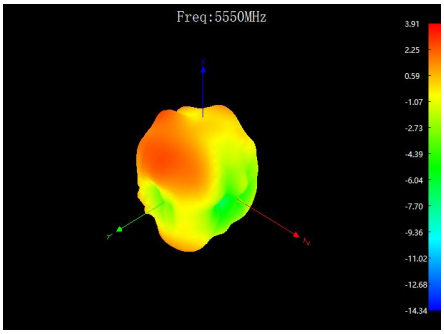
3D 5150：

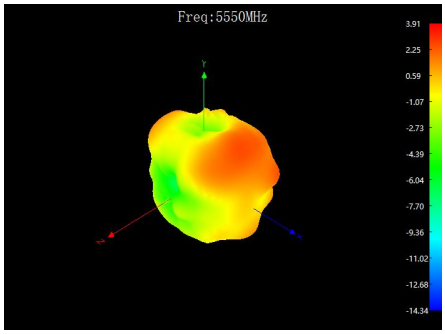


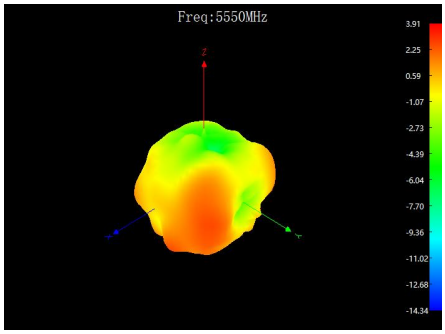




3D 5550:







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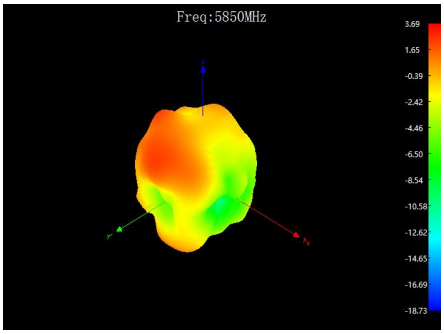

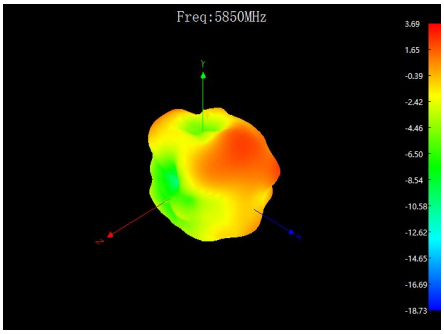

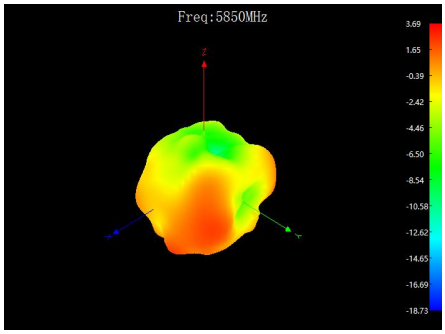

Material RoHS conformity declaration form

This is to certify that the delivery to your company's components, raw materials, auxiliary materials used and the additives in the production engineering are accord with RoHS environmental requirements of the restrictions on the use of hazardous substances directive (RoHS directive 2011/65 / EU)

About components used raw materials, packaging materials, auxiliary materials and additives used in the production process such as composition of the report is as follows:

Component /Part Name	Material Composition	ICP report #	Test Org.	Test Date	Content of harmful substances (ppm)						PASS?
					Cd	Pb	Hg	Cr^{6+}	PBB	PBDE	PASS
Spring	Copper	CANEC25022617204	SGS	25/09/17	ND	9	ND	ND	ND	ND	PASS
Plastic parts	TPE	A2250688960112001	CTI	25/10/18	ND	ND	ND	ND	ND	ND	PASS
SMA	O-ring	TAOEC25007265701	SGS	25/08/06	ND	ND	ND	ND	ND	ND	PASS
	Brass	CANEC25004281302	SGS	25/03/12	42	34252	ND	ND	ND	ND	PASS
	Gold coating	SZXPC25001098202	SGS	25/04/10	ND	92	ND	ND	ND	ND	PASS