

60x45mm NFC Antenna

FEATURES



- Operating Frequency: 13.56 MHz
- RF Power: 2W
- RoHS: Yes
- Operating Temperature: -40 to +85°C



PRODUCTS

Part No.	Weight	Dimensions (L x WxH)	Cables Dimensions	Connector	Color
M01-0400850R0A	0.9g	60*45.0*0.25mm	UL1007 (Red+Black)	PH1.25 2P	Black

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	13.56MHz
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	2 Watts
Color	Black
Storage Temperature Range (°C)	-40° C to +85° C
Operational Temperature Range (°C)	-40° C to +85° C
Material Substance Compliance	REACH/RoHS Compliant
HSCODE	8517710000
UPC	

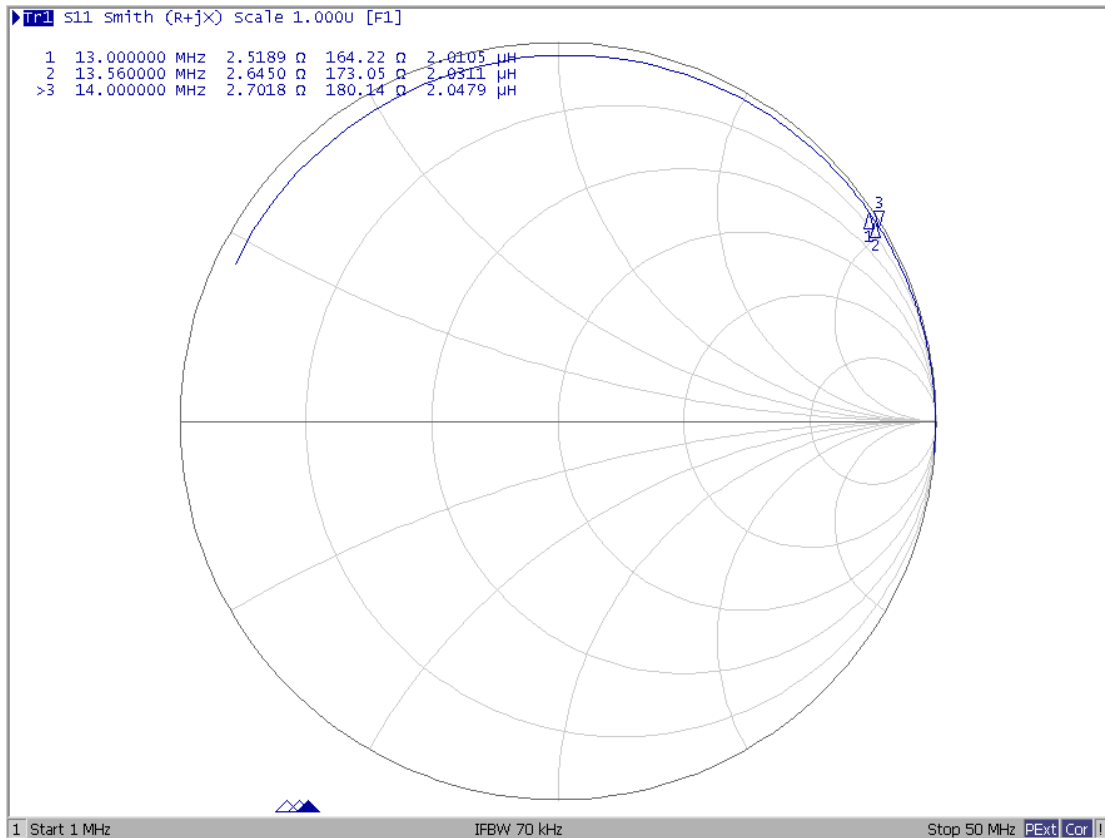
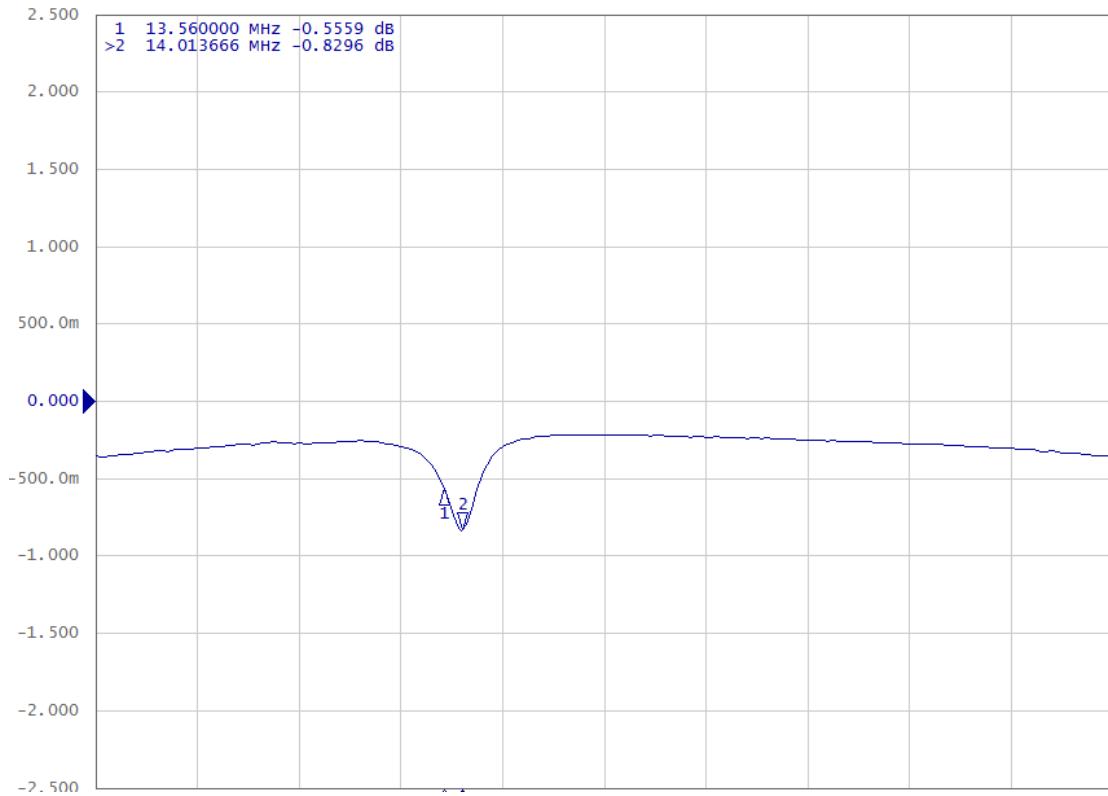
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ELECTRICAL DATA

Return Loss

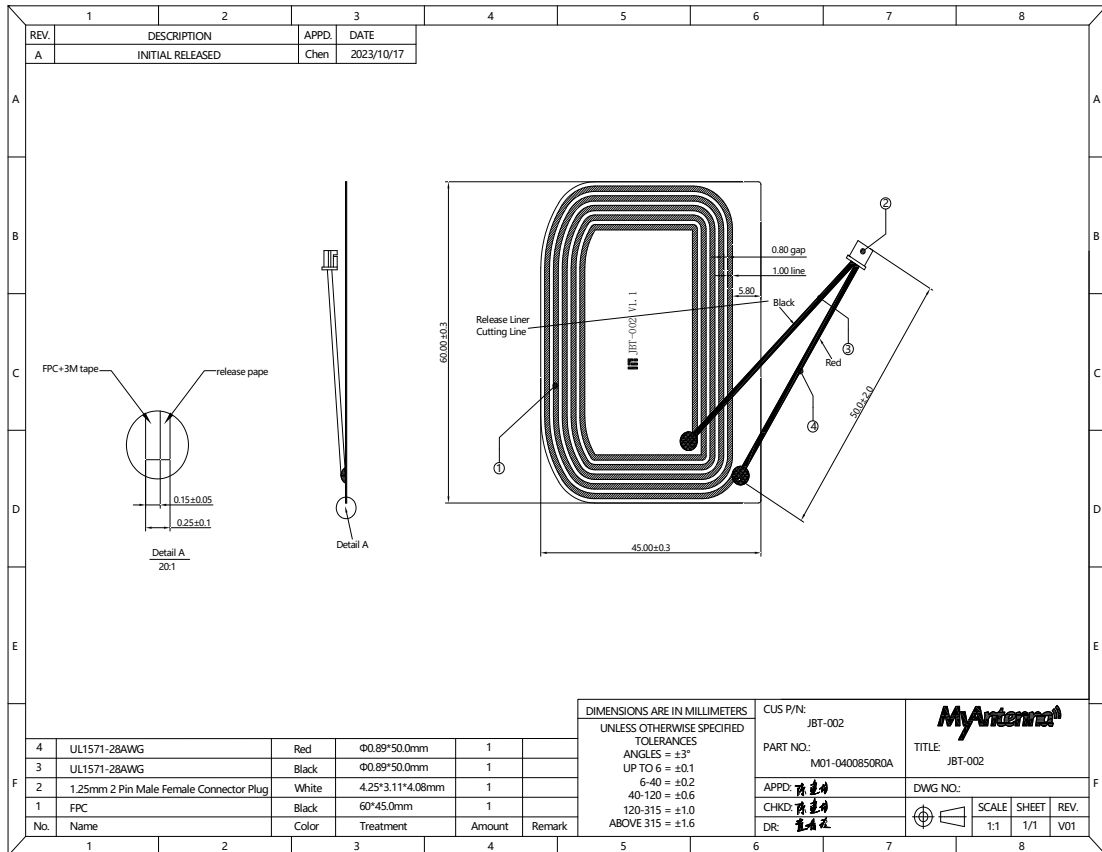


ESR	2.64	mQ
ESL	2.03	mh

PRODUCT HEIGHT REQUIREMENTS

Ant. Connector wire length (cm)	5
Distance (cm)	4

HOUSING CONFIGURATIONS



BOM LIST

Part number (P/N)	Product Name	Ver	Specification Description	Dosage
M01-0400850R0A	JBT-002 NFC antenna	V1.0	Black,NFC Antenna,UL1007 (Red+Black) 50mm Cable Length,Compatible with PH1.25 2P Connector	1
F01-0102540R0A	FPC	V1.1	Black/FPC one-half material/reverse adhesive backing 3M9471/OSP/60.0*45.0mm/RoHs	1
X01-0206730R0A	Wire	V1.0	Black+Red+White/UL1571-28AWG/One end stripped wire (2.5)/One end 1.25-2P female end male housing /0.9*50.0mm/RoHs	1

ROHS Test Report

Part number (P/N)	Name	Testing organization	Testing time	Test report number	Test conclusion	Remark
M01-0400850R0A	base material	SGS	2023/2/15	SHAEC23001049105	OK	
	3M adhesive	SGS	2023/1/4	SHAEC2217569205	OK	
	printing ink	SGS	2023/7/13	ETR23701480	OK	
	OSP	SGS	2023/5/22	A2230230896101001E	OK	
	metal	SGS	2023/3/6	CANEC2302655306	OK	
	PVC	SGS	2023/5/19	CANEC23003001502	OK	
	gluey shell	SGS	2023/3/6	CANEC2302655308	OK	
Organization: DONG		Verifier: chen		Date: 2023-10-18	Stamp service:	