

RFID ANTENNA

Model : TH81TC-RFID



1. GENERAL DESCRIPTION

Model No
TH81TC-RFID-RG178-220mm-MMCX90(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

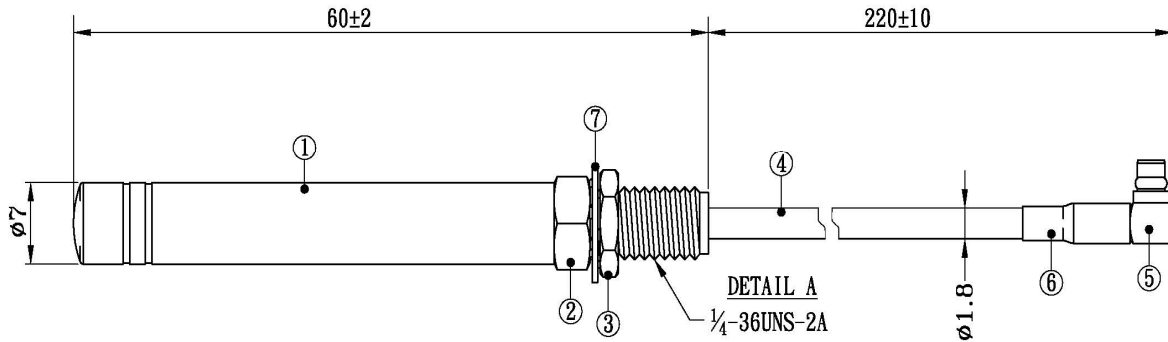
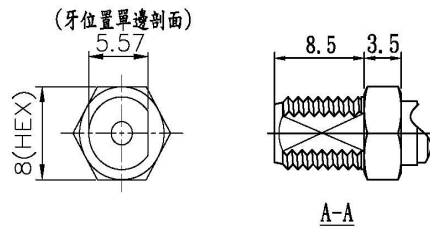
Parameter	Description
Frequency Band	870~960MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	MMCX 90° (Male)
Cable Total Length	RG-178 Cale 220 ±10
Antenna Dimensions	60 ± 2
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	Antenna connector	Nickel plating	01
03	Nut hexagonal		01
04	RG-178 Cable	Walnut	01
05	MMCX 90° (Male)	Golden plating	01
06	Heat-shrink tube	Black	01
07	washer		01



Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					870-960MHz	M/M		20111229
	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\frac{S}{\sqrt{V}}$	APPEARANCE					

3. Return Loss, V.S.W.R. and Smith Chart

