



百展科技有限公司

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UHF Antenna

MODEL: TH-505



1. GENERAL DESCRIPTION

Model No
TH505-SMA(M)

1.1 Electrical Properties

Parameter	Description
Frequency Band	495~515Hz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1 (ON customer device GND)
Gain	0dbi
Power	10W

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna

Antenna Material	ASA-UV
Touch Type	Screw Type
Connector Type	SMA 180°(Male) OD10.0mm
Antenna Dimensions	OD9.3 x 128.5mm ±0.5
Antenna Color	Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C

2. Appearance

NO.	NAME	Q, TY
01	ASA-UV Tube	01
02	SMA(M)	01



 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
		TH505		495~515Mhz	M/M		20250919	1
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\sqrt{S}$	APPEARANCE					

3. Frequency



