

**SHENZHEN KINGHELM ELECTRONIC CO., LTD.**

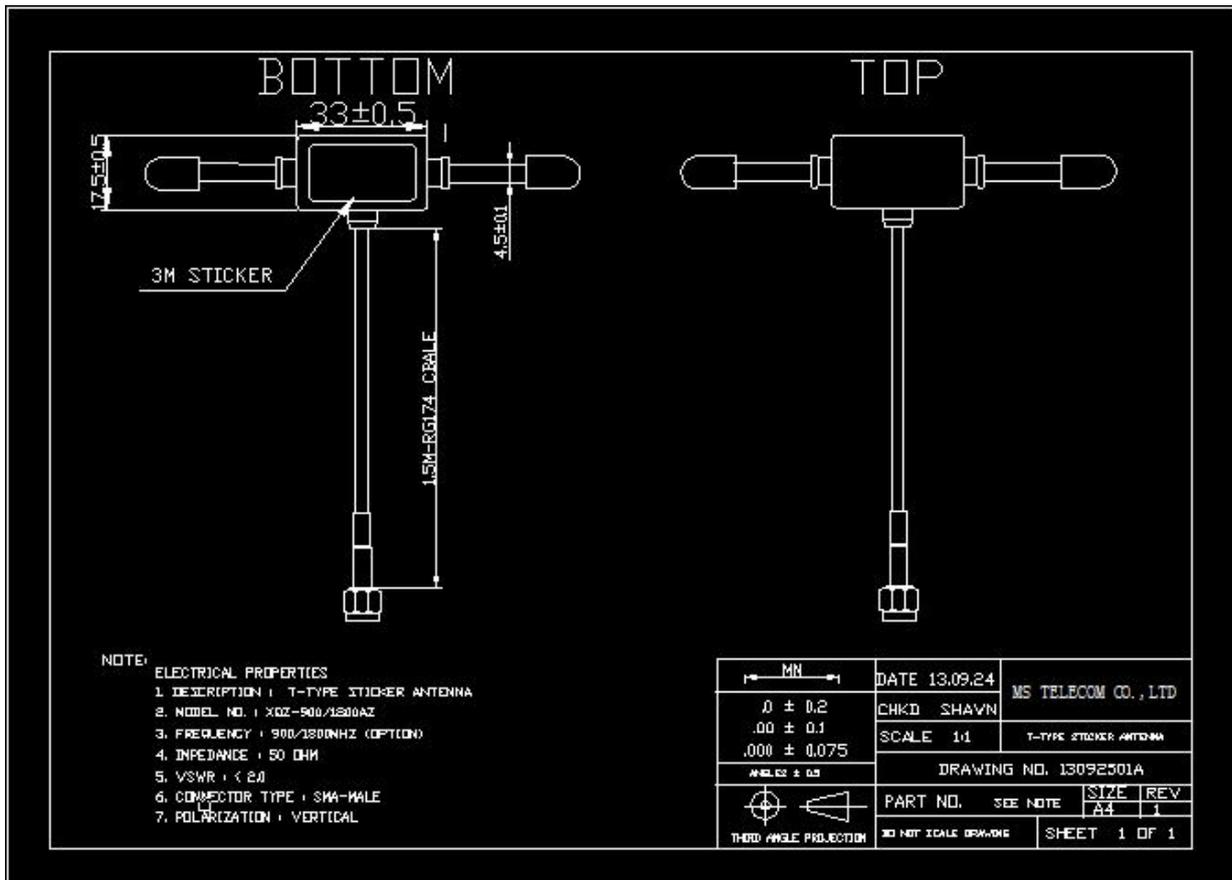
## 1、PRODUCT TECHNICAL SPECIFICATIONU

Electrical Specifications	
Frequency Range (MHz)	890-960/1710-1990
Bandwidth (MHz)	70/280
Horizontal Beamwidth-°	40
Vertical Beamwidth-°	35
Input Impedence ( $\Omega$ )	50
V.S.W.R	$\leq 2.0$
Gain (dBi)	2/3
Max Input Power (w)	10
Mechanical Specifications	
Antenna Dimension-mm (mm)	20*235
Connect Type	SMA or customized
Rated Wind Velocity	120 km/h
Work Temperature °C	-40- +80
Pole Diameter-mm	$\Phi$ 40-50
Cable length-mm	1500
Weight (g)	55

## 2、KOCI G



## 3、PRODUCT SPECIFICATIONS CHART



## 4、MECHANICAL CHARACTERISTICS)

1	BENDING TEST	Put load 120g to 30cm cable from the end of the connector, fixed joints, swaying test at an angle of 60 degrees , test features after 1000 times	After 1000 times test no visible damage
2	STRENG TEST	Put 15pounds static load to the end of the cable continue 1 minute	After test no visible damage
3	VIBRATION TEST	The X-axis direction for 120 minutes, and the Y-axis direction 120 minutes, the Z-axis direction 240 minutes as vibration testing of 1.1mm amplitude and 33.30Hz/sec of frequency	After test no visible damage

## 5、DURABILITY

1	HEAT TEST	85+2 °C for 96 hours, after keep in normal condition for 30min the to test.	All characteristic range is 30% of the initial value
2	HUMIDITY TEST	40+2 °C 90-95%RH for 96hours, after keep in normal condition for 30min the to test.	
3	COLD TEST	-40+2 °C for 96'hours, after keep in normal condition for 30min the to test.	