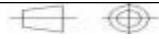
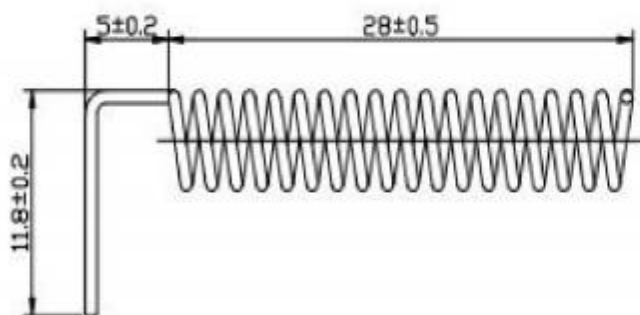


Dongguan Hangao Hardware spring Products Co., LTD						Use the department	
Product recognition							
edition	A1	The company material number	HG- HY001	materia l quality	phosphor copper	surface preparati on	/
scale	FIT	name of a part	spring antenna	size of product	Line diameter 0.7	unit	MM
Customer version	A	Customer material number	05-TX01-HSXX2-W004001			projectio n	



**技术要求**  
**线径: 0.7**  
**材质: 磷铜**  
**圈数: 18N**

	* Quality focus *	* acceptance standard *		
1	Unannotated tolerance according to the general tolerance $\pm 0.2$	Size serial number	survey tools	Inspecti on frequenc y
2	The product surface should be clean and unburr		dial caliper	5PCS/2H
3	The materials used in the product meet the ROHS, SGS and other environmental protection standards		quadrat ic element	5PCS/2H
4				
5				
6				
7				

Process flow: spring forming-inspection-heat treatment-inspection-packaging-shipment

work out	F		revis e	Change date	Change the content	Revised	Department countersign	
	exami ne and verif y						charac ter	
	appro val						make	

## Product performance parameters

Electrical performance index:	
Frequency Range (MHz)	433 MHz
Input Impedence ( $\Omega$ )	50
Voltage standing wave ratio V.S.W. R	5.0 (Weld and tested together on the prototype)
Reference Gain (dbi)	$2 \pm 1$ (Weld is tested together on the prototype)
Polarization Type	perpendicular
RadiationDirection	Omni-directional to the Omni-Directional
Continuity Test	thoroughfare
Mechanical Specifications	
Antennasize (mm)	28* $\phi$ 5.3mm
Connect Type	/
Cable	/
OperatingTemp	-25 ~ +75°C