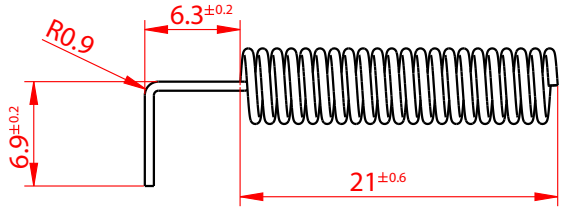
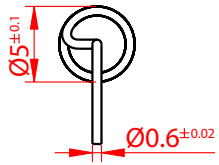
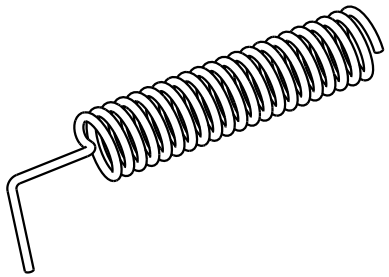
Version	Location	Detail	Mod.BY	App.BY
1.0		Create the document	JAX	HPW
2.0		Update material and tolerance	JAX	HPW







Operation Frequency: 433.92 MHz
Gain: -10dBi

Technical requirement:
1. Wire diameter: Ø0.6mm
2. Material: Phosphor bronze C5191 (QSn6.5-0.1)
3. Active coil Number of sping: 21.5
4. Winding: Right hand screw

1) Manufacturer: Xiamen Xinglian Group Co., LTD
2) Manufacturer Address: Xinglian Electronics Building, No. 2 Innovation Road, Torch Park, Huli District, Xiamen City, Fujian Province
3) Antenna model: BE1521-433 spring antenna

Note:
1. For all the dimensions, detalls and shape not specified on this drawing, refer to 3D data.
2. No burrs on surfaces/edges.
3. Part should be degreased.
4. Direction of punching to the inside (to avoid burrs on the outisde of the part).
5. No sharp edge.
6. RoHS and REACH compliant indication.

General Tolerances	
Also valid for the referenced 3_D model	
Dimension(mm)	Tolerance(mm)
(0.5)-6	± 0.1
(6)-30	± 0.15
(30)-120	± 0.2
Above 120	± 0.25
Angle: ± 0.5°	

Bellman & Symfon

TITLE: 433 Spring antenna		MODEL: BE1521-433	
PART NO.:		MATERIAL:	
DRW.BY	Jacky Xie 2024.3.13	FINISH:	
CHK.BY	Alfred Liu Leo Yu 2024.3.13	Qty.: 1 SCALE:1	UNIT:mm
APP.BY	Haipeng Wu 2024.3.13	BE1521_072MEC2.0	