

# TECHNICAL DATA

| REV  | DESCRIPTION OF REVISION | ECN No. | BY     | DATE       | APPROVED |
|------|-------------------------|---------|--------|------------|----------|
| Rv01 | N/A                     | N/A     | J.Wang | 2013/05/19 | Karl Pam |

## ■ Electrical data

**Impedance** 50Ω  
**Frequency range** 0~6GHz  
**Working Voltage** 250V max  
**Withstand Voltage** 1000V rms  
**VSWR**  
 Straight ≤ 1.2  
 Right Angle ≤ 1.3  
**Contact resistance**  
 -center contact ≤5mΩ  
 -outer contact ≤1mΩ  
**Insulation resistance** ≥5000MΩ

## ■ Mechanical data

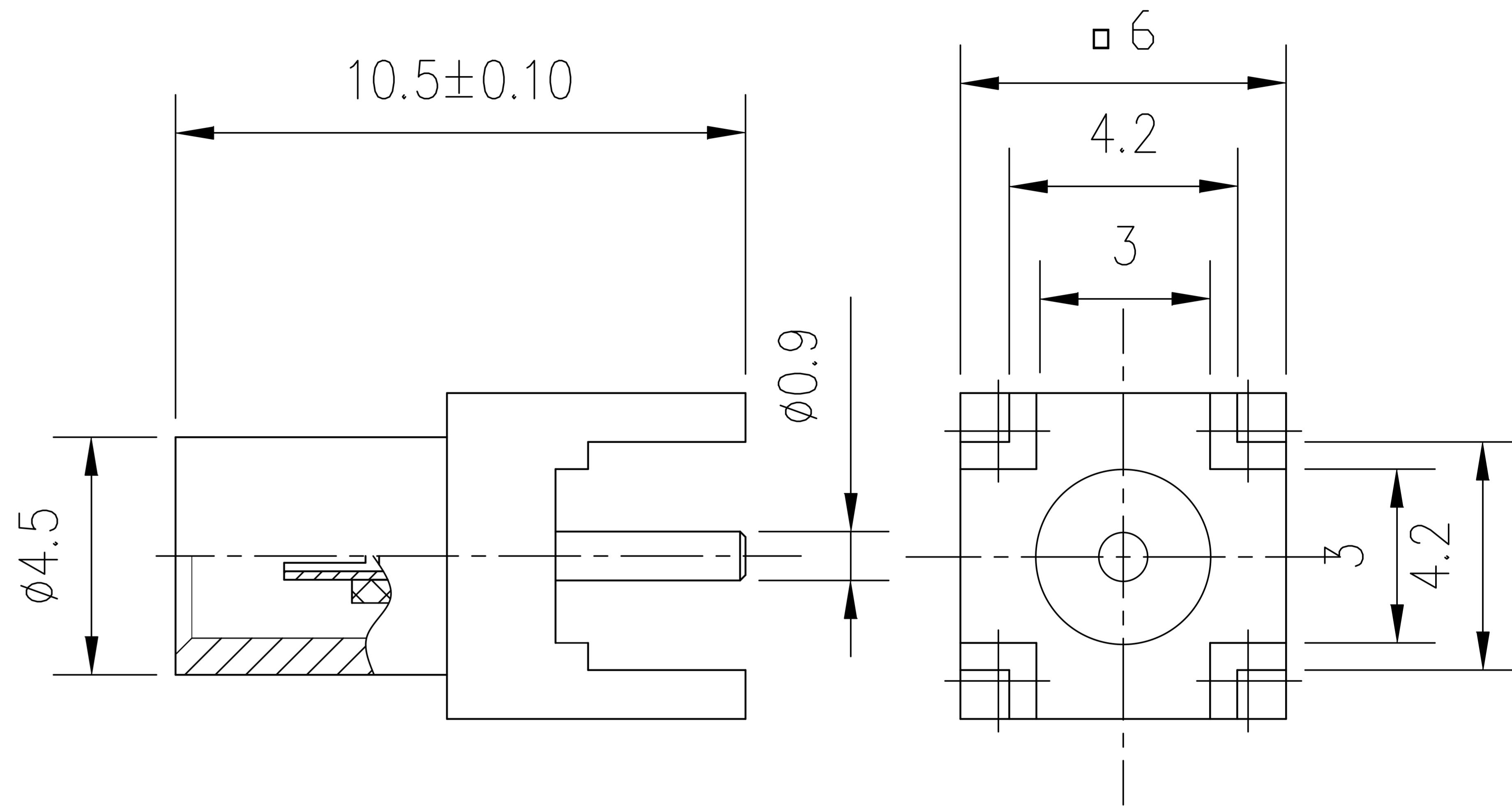
**Temperature range** -55°C~+155°C  
**Durability(matings)** >500

## ■ Material data

| Piece Part       | Base Material   | Plating       |
|------------------|-----------------|---------------|
| Body             | Brass           | Gold plated   |
| Center conductor | Phosphor Bronze | Gold plated   |
| Coupling nut     | Brass           | Nickel plated |
| Gasket           | Silicone Rubber |               |
| Insulator        | PTFE            |               |

## ■ Interface Standards

MIL-C-39012/CECC 22210/IEC 60169-16

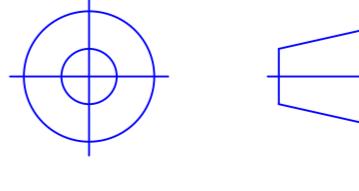


### NOTES:

- 1.ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- 2.CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

**Part Name:**  
 MCX female connector  
 for PCB

WT20D3.640.1150

 DIMENSIONS IN MILLIMETERS(mm)  
 SIZE: A4 SCALE: 4:1 SHEET: 1/1 REV: A