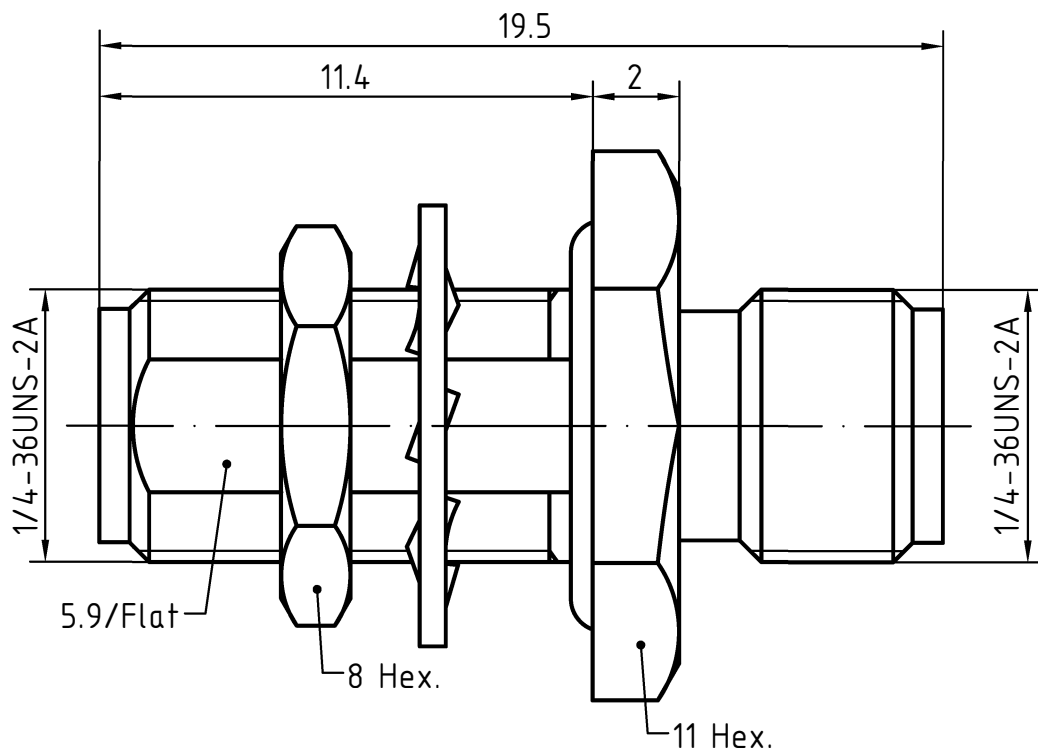
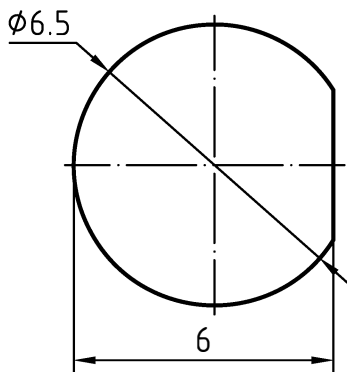


## DRAWING



MOUNTING HOLE



|   |   |                |                                |  |
|---|---|----------------|--------------------------------|--|
| 5 | 1 | Nut            | Brass/Nickel plated            |  |
| 4 | 1 | Washer         | Beryllium copper/Nickel plated |  |
| 3 | 1 | Body           | Brass/Nickel plated            |  |
| 2 | 1 | Insulator      | PTFE                           |  |
| 1 | 1 | Center contact | Beryllium copper/Gold plated   |  |

Designed by  
Xio XangChecked by  
Jing LoApproved by  
Jing ChanFile name  
SMA\_SMA-2211Date  
16.03.24Scale  
1:1**RF CONNEC**

SMA\_SMA-2211

Edition  
1.0Sheet  
1/1

# CHARACTERISTICS

DESCRIPTION:

ADAPTOR SMA JACK TO SMA JACK BH

## Electrical data:

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| <i>Impedance:</i>             | <i>50 ohm</i>                                                        |
| <i>Frequency range:</i>       | <i>DC to 18.0 GHz</i>                                                |
| <i>VSWR:</i>                  | <i><math>\leq 1.03 + 0.02 \times f[\text{GHz}]</math></i>            |
| <i>Insertion loss:</i>        | <i><math>\leq 0.06 \times \sqrt{f[\text{GHz}]} \text{ dB}</math></i> |
| <i>Insulation resistance:</i> | <i><math>\geq 5000\text{M}\Omega</math></i>                          |
| <i>Test voltage:</i>          | <i>1000 V rms</i>                                                    |
| <i>Working voltage:</i>       | <i>480 V rms</i>                                                     |
| <i>Contact resistance:</i>    |                                                                      |
| 1). Centre contact:           | <i>3.0 m<math>\Omega</math></i>                                      |
| 2). Outer conductor:          | <i>2.5 m<math>\Omega</math></i>                                      |

## Environmental data:

|                            |                            |
|----------------------------|----------------------------|
| <i>Temperature rating:</i> | <i>-65 ° C to +165 ° C</i> |
| <i>2002/95/EC (RoHS):</i>  | <i>Compliant</i>           |

## Mechanical data:

|                                    |                                              |
|------------------------------------|----------------------------------------------|
| <i>Mating cycles:</i>              | <i><math>\geq 500</math></i>                 |
| <i>Center contact captivation:</i> | <i><math>\geq 15 \text{ N(axial)}</math></i> |
| <i>Recommended torque:</i>         | <i>0.46 Nm to 0.69 Nm</i>                    |

## Suitable cables:

*N/A*