



### Electrical & Environmental Characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Impedance                       | 50 Ohm                |
| Insulation Resistance           | 5000 MΩ               |
| Operating Frequency             | 18 GHz                |
| Dielectric Withstanding Voltage | 1000 V                |
| VSWR                            | 1.15 typ              |
| Insertion Loss                  | 0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature           | -55~+165°C            |

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PTFE                        |
| Body            | Stainless Steel, Passivated |
| Coupling Nut    | Stainless Steel, Passivated |

|                                       |  |                  |   |                    |            |            |             |       |
|---------------------------------------|--|------------------|---|--------------------|------------|------------|-------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |  | DWN              | Suzhou Talent Microwave, Inc                                  |                    |            |            |             |       |
|                                       |  | CHK              |   |                    |            |            |             |       |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED<br>0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±<br>3 PLC ±<br>ANGLES ±1° | APVD             | Product Mode<br><br>SMA/N-KJS<br>SMA Female to N Male Adaptor |                    |            |            |             |       |
|                                       |  | PRODUCT SPEC     |   |                    |            |            |             |       |
|                                       |  | APPLICATION SPEC | SIZE<br>A4  | GAGE CODE<br>OT8L4 | DRAWING NO |            |             |       |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE  | WEIGHT           | CUSTOMER DRAWING  |                    | SCALE 4    | SCALE 4: 1 | SHEET1 OF 1 | RVE 1 |