



### Electrical & Environmental Characteristics

|                                 |                             |
|---------------------------------|-----------------------------|
| Impedance                       | 50 Ohm                      |
| Insulation Resistance           | 5000 MΩ                     |
| Operating Frequency             | DC-40GHz                    |
| Dielectric Withstanding Voltage | 1000V                       |
| VSWR                            | 1.15 max                    |
| Insertion Loss                  | $\leq 0.05 * \sqrt{f\_GHz}$ |
| Operating Temperature           | - 55~+165°C                 |

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PEI                         |
| Body/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 Model<br><br><b>1.85/2.92-JJ</b><br><b>1.85 Male to 2.92 Male Adaptor</b> |                    |              |       |
|                                       |  | PRODUCT SPEC     |   |                    |              |       |
|                                       |  | APPLICATION SPEC |   |                    |              |       |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE  | WEIGHT           | SIZE<br>A4  | GAGE CODE<br>0T8L4 | DRAWING NO   |       |
|                                       |  | CUSTOMER DRAWING | SCALE 4: 1  | SCALE 4: 1         | SHEET 1 OF 1 | RVE 1 |