



### Electrical & Environmental Characteristics

|                                 |                                |
|---------------------------------|--------------------------------|
| Impedance                       | 50 Ohm                         |
| Insulation Resistance           | 3000 MΩ                        |
| Operating Frequency             | 40GHz                          |
| Dielectric Withstanding Voltage | 750 V                          |
| VSWR                            | 1.15                           |
| Insertion Loss                  | $0.05 * \sqrt{f_{\text{GHz}}}$ |
| Operating Temperature           | -55~+165°C                     |

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PEI                         |
| Body            | Stainless Steel, Passivated |
| Coupling Nut    | N/A                         |

|                                       |   |                  |   |                    |              |       |
|---------------------------------------|---|------------------|---|--------------------|--------------|-------|
| 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>ANGLES ±1° | APVD             | Product Mode<br><br><b>2.92-KFD80120</b><br><b>2.92 Female Flange Connector</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 |