



| No. | Model          | D1(Diameter1) | D2(Diameter2) | L1(Length1)  | L2(Length2)  |
|-----|----------------|---------------|---------------|--------------|--------------|
| 1   | 2.92-KFD501050 | 4.0 [0.157]   | 0.20 [0.008]  | 3 [0.118]    | 1.5 [0.059]  |
| 2   | 2.92-KFD70104  | 4.0 [0.157]   | 0.30 [0.012]  | 1.4 [0.055]  | 1.5 [0.059]  |
| 3   | 2.92-KFD70105  | 4.0 [0.157]   | 0.30 [0.012]  | 3 [0.118]    | 1.5 [0.059]  |
| 4   | 2.92-KFD701190 | 4.0 [0.157]   | 0.30 [0.012]  | 3 [0.118]    | 5 [0.197]    |
| 5   | 2.92-KFD701250 | 4.0 [0.157]   | 0.30 [0.012]  | 3.2 [0.126]  | 1.5 [0.059]  |
| 6   | 2.92-KFD701031 | 4.0 [0.157]   | 0.30 [0.012]  | 4 [0.157]    | 1 [0.039]    |
| 7   | 2.92-KFD701110 | 4.0 [0.157]   | 0.30 [0.012]  | 10.1 [0.398] | 0.5 [0.020]  |
| 8   | 2.92-KFD701020 | 4.0 [0.157]   | 0.38 [0.015]  | 3 [0.118]    | 2 [0.079]    |
| 9   | 2.92-KFD701150 | 4.0 [0.157]   | 0.60 [0.024]  | 4 [0.157]    | 1.27 [0.050] |
| 10  | 2.92-KFD70111  | 4.0 [0.157]   | 0.60 [0.024]  | 10.1 [0.398] | 1.27 [0.050] |

### Electrical & Environmental Characteristics

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

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PEI 1000                    |
| Body            | Stainless Steel, Passivated |
| Coupling Nut    | NA                          |

|                                       |   |                  |  |                    |              |
|---------------------------------------|---|------------------|--|--------------------|--------------|
| 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 Model<br><br>2.92-KFD7010315<br>2.92mm Female Flange Connector |                    |              |
|                                       |   | PRODUCT SPEC     |  |                    |              |
|                                       |   | APPLICATION SPEC | SIZE<br>A4   | GAGE CODE<br>OT8L4 | DRAWING NO   |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE   | WEIGHT           | CUSTOMER DRAWING   |                    | SHEET 1 OF 1 |
|                                       |   |                  |  |                    | RVE 1        |