



| No. | Model | D1(Diameter1) | D2(Diameter2) | L1(Length1) | L2(Length2) |
|-----|----------------|---------------|---------------|--------------|--------------|
| 1 | 2.92-KFD502050 | 4.0 [0.157] | 0.20 [0.008] | 3 [0.118] | 1.5 [0.059] |
| 2 | 2.92-KFD70204 | 4.0 [0.157] | 0.30 [0.012] | 1.4 [0.055] | 1.5 [0.059] |
| 3 | 2.92-KFD70205 | 4.0 [0.157] | 0.30 [0.012] | 3 [0.118] | 1.5 [0.059] |
| 4 | 2.92-KFD702190 | 4.0 [0.157] | 0.30 [0.012] | 3 [0.118] | 5 [0.197] |
| 5 | 2.92-KFD702250 | 4.0 [0.157] | 0.30 [0.012] | 3.2 [0.126] | 1.5 [0.059] |
| 6 | 2.92-KFD702031 | 4.0 [0.157] | 0.30 [0.012] | 4 [0.157] | 1 [0.039] |
| 7 | 2.92-KFD702110 | 4.0 [0.157] | 0.30 [0.012] | 10.1 [0.398] | 0.5 [0.020] |
| 8 | 2.92-KFD702020 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 2 [0.079] |
| 9 | 2.92-KFD702150 | 4.0 [0.157] | 0.60 [0.024] | 4 [0.157] | 1.27 [0.050] |
| 10 | 2.92-KFD70211 | 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 M Ω |
| Operating Frequency | DC~40GHz |
| Dielectric Withstanding Voltage | 1000V |
| VSWR | ≤ 1.15 |
| Insertion Loss | $\leq 0.05 * \text{Sqrt}(f_GHz)$ |
| Operating Temperature | - 55~+165 $^{\circ}C$ |

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 mm | TOLERANCES UNLESS OTHERWISE SPECIFIED 0 PLC ± 0.25 1 PLC ± 0.15 2 PLC ± 0.12 3 PLC \pm 3 PLC \pm ANGLES $\pm 1^{\circ}$ | APVD | Product Model | | |
| | | PRODUCT SPEC | 2.92-KFD702020 | | |
| | | APPLICATION SPEC | 2.92mm Female Flange Connector | | |
| MATERIAL SEE TABLE | FINISH SEE TABLE | WEIGHT | SIZE A4 | GAGE CODE OT8L4 | DRAWING NO |
| | | CUSTOMER DRAWING | | | SHEET 1 OF 1 |
| | | | | | RVE 1 |