



| No. | Model              | D(Diameter)  | L(Length)     |
|-----|--------------------|--------------|---------------|
| 1   | 2.92-KFD50309-127  | 0.23 [0.009] | 0.5 [0.020]   |
| 2   | 2.92-KFD50309-039  | 0.23 [0.009] | 1 [0.039]     |
| 3   | 2.92-KFD50312-011  | 0.30 [0.012] | 0.3 [0.012]   |
| 4   | 2.92-KFD50312-019  | 0.30 [0.012] | 0.5 [0.020]   |
| 5   | 2.92-KFD50312-059  | 0.30 [0.012] | 1.5 [0.059]   |
| 6   | 2.92-KFD50312-079  | 0.30 [0.012] | 2 [0.079]     |
| 7   | 2.92-KFD50312      | 0.30 [0.012] | 7 [0.276]     |
| 8   | 2.92-KFD50312-354  | 0.30 [0.012] | 9 [0.354]     |
| 9   | 2.92-KFD50312-472  | 0.30 [0.012] | 12 [0.472]    |
| 10  | 2.92-KFD50312-50   | 0.30 [0.012] | 12.7 [0.500]  |
| 11  | 2.92-KFD50317-269  | 0.44 [0.017] | 6.84 [0.269]  |
| 12  | 2.92-KFD50317-295  | 0.44 [0.017] | 7.5 [0.295]   |
| 13  | 2.92-KFD50320-590  | 0.50 [0.020] | 15 [0.590]    |
| 14  | 2.92-KFD5032502    | 0.64 [0.025] | 6.84 [0.269]  |
| 15  | 2.92-KFD5032501    | 0.64 [0.025] | 10.92 [0.430] |
| 16  | 2.92-KFD50325-1181 | 0.64 [0.025] | 30 [1.181]    |
| 17  | 2.92-KFD50330      | 0.75 [0.030] | 30 [1.181]    |
| 18  | 2.92-KFD50343-590  | 1.10 [0.043] | 15 [0.590]    |
| 19  | 2.92-KFD50350-319  | 1.27 [0.050] | 8.1 [0.319]   |
| 20  | 2.92-KFD50350-314  | 1.27 [0.050] | 8 [0.314]     |
| 21  | 2.92-KFD50350-393  | 1.27 [0.050] | 10 [0.393]    |

### 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    | 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>3 PLC ±<br>ANGLES ±1° | APVD             | Product Model<br><br><b>2.92-KFD50312-354</b><br><b>2.92mm 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 |  |                    | SHEET 1 OF 1 | RVE 1 |