



| No. | Model        | D1(Diameter1) | D2(Diameter2) | L1(Length1) | L2(Length2)  |
|-----|--------------|---------------|---------------|-------------|--------------|
| 1   | SMA-KFD60101 | 2.2 [0.087]   | 0.30 [0.012]  | 3.2 [0.126] | 1.27 [0.050] |
| 2   | SMA-KFD60102 | 3.9 [0.154]   | 0.64 [0.025]  | 15 [0.590]  | 3 [0.118]    |
| 3   | SMA-KFD60103 | 2.1 [0.083]   | 0.64 [0.025]  | 15 [0.590]  | 3 [0.118]    |
| 4   | SMA-KFD60142 | 2.2 [0.087]   | 0.30 [0.012]  | 4.3 [0.169] | 1.3 [0.051]  |
| 5   | SMA-KFD60106 | 2.2 [0.087]   | 0.30 [0.012]  | 3 [0.118]   | 1.27 [0.050] |
| 6   | SMA-KFD60139 | 2.1 [0.083]   | 0.64 [0.025]  | 10 [0.394]  | 3 [0.118]    |
| 7   | SMA-KFD60108 | 2.1 [0.083]   | 0.64 [0.025]  | 6.5 [0.256] | 3 [0.118]    |
| 8   | SMA-KFD60100 | 2.1 [0.083]   | 0.64 [0.025]  | 8.1 [0.319] | -            |

### Electrical & Environmental Characteristics

|                                 |                        |
|---------------------------------|------------------------|
| Impedance                       | 50 Ω                   |
| Insulation Resistance           | 5000 MΩ                |
| Operating Frequency             | DC~26.5GHz             |
| Dielectric Withstanding Voltage | 1000V                  |
| VSWR                            | ≤1.15                  |
| Insertion Loss                  | ≤0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature           | - 55~+165℃             |

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PTFE                        |
| 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<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>SMA-KFD60108<br>SMA 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        |