



| No. | Model        | Pin Size Ød  |
|-----|--------------|--------------|
| 1   | SMA-JFD80709 | 0.23 [0.009] |
| 2   | SMA-JFD80712 | 0.30 [0.012] |
| 3   | SMA-JFD80715 | 0.38 [0.015] |
| 4   | SMA-JFD80718 | 0.46 [0.018] |
| 5   | SMA-JFD80720 | 0.51 [0.020] |

### 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    | Stainless Steel, Passivated |

|                                       |                                                                                                                        |                  |                                                                |                    |              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------|--------------------|--------------|
| 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>SMA-JFD80712<br>SMA male Flange Connector |                    |              |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE                                                                                                    | PRODUCT SPEC     | SIZE<br>A4                                                     | GAGE CODE<br>OT8L4 | DRAWING NO   |
|                                       |                                                                                                                        | APPLICATION SPEC | CUSTOMER DRAWING                                               |                    | SHEET 1 OF 1 |
|                                       |                                                                                                                        |                  |                                                                |                    | RVE 1        |