



### Electrical & Environmental Characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Impedance                       | 50 Ohm                |
| Insulation Resistance           | 5000 M $\Omega$       |
| Operating Frequency             | 26.5GHz               |
| Dielectric Withstanding Voltage | 1000 V                |
| VSWR                            | 1.15                  |
| Insertion Loss                  | 0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature           | -55~+165 $^{\circ}C$  |

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PTFE                        |
| 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 $\pm 0.25$<br>1 PLC $\pm 0.15$<br>2 PLC $\pm 0.12$<br>3 PLC $\pm$<br>3 PLC $\pm$<br>ANGLES $\pm 1^{\circ}$ | APVD             | Product Mode<br><br><b>SMA-KFD70602</b><br>SMA Female Flange Connector |                    |            |              |       |
|                                       |   | PRODUCT SPEC     |  |                    |            |              |       |
|                                       |   | APPLICATION SPEC |  |                    |            |              |       |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE   | WEIGHT           | SIZE<br>A4   | GAGE CODE<br>0T8L4 | DRAWING NO |              |       |
|                                       |   | CUSTOMER DRAWING |  | SCALE 4: 1         | SCALE 4: 1 | SHEET 1 OF 1 | RVE 1 |