



| No. | Model         | Pin Size Ød  |
|-----|---------------|--------------|
| 1   | SSMA-KFD80709 | 0.23 [0.009] |
| 2   | SSMA-KFD80712 | 0.30 [0.012] |
| 3   | SSMA-KFD80715 | 0.38 [0.015] |
| 4   | SSMA-KFD80718 | 0.46 [0.018] |
| 5   | SSMA-KFD80720 | 0.51 [0.020] |

### Electrical & Environmental Characteristics

|                                 |                        |
|---------------------------------|------------------------|
| Impedance                       | 50 Ω                   |
| Insulation Resistance           | 1000 MΩ                |
| Operating Frequency             | DC~40GHz               |
| Dielectric Withstanding Voltage | 750V                   |
| VSWR                            | ≤1.2                   |
| 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                                 |                 |              |       |
|                                       |  | PRODUCT SPEC     | SSMA-KFD80709<br>SSMA Female Flange Connector |                 |              |       |
|                                       |  | APPLICATION SPEC | SIZE A4                                       | GAGE CODE OT8L4 | DRAWING NO   |       |
| MATERIAL SEE TABLE                    | FINISH SEE TABLE   | WEIGHT           | CUSTOMER DRAWING                              |                 | SHEET 1 OF 1 | RVE 1 |