



| No. | Model        | Pin Size $\phi d$ |
|-----|--------------|-------------------|
| 1   | 2.4-KFD80409 | 0.23 [0.009]      |
| 2   | 2.4-KFD80412 | 0.30 [0.012]      |
| 3   | 2.4-KFD80415 | 0.38 [0.015]      |
| 4   | 2.4-KFD80420 | 0.51 [0.020]      |

### Electrical & Environmental Characteristics

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

### 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

CHK

Suzhou Talent Microwave, Inc

Unit  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED  
 0 PLC  $\pm 0.25$   
 1 PLC  $\pm 0.15$   
 2 PLC  $\pm 0.12$   
 3 PLC  $\pm$   
 3 PLC  $\pm$   
 ANGLES  $\pm 1^{\circ}$

APVD

PRODUCT SPEC

APPLICATION SPEC

Product Model

**2.4-KFD80415**

**2.4mm Female Flange Connector**

MATERIAL  
SEE TABLE

FINISH  
SEE TABLE

WEIGHT

CUSTOMER DRAWING

SIZE

A4

GAGE CODE

0T8L4

DRAWING NO

SHEET 1 OF 1

RVE 1