



No.	Model	Pin Size $\phi d$
1	2.4-KFD81309	0.23 [0.009]
2	2.4-KFD81312	0.30 [0.012]
3	2.4-KFD81315	0.38 [0.015]
4	2.4-KFD81320	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-KFD81312**  
**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