



No.	Model	Pin Size $\varnothing d$
1	SMA-KFD80809	0.23 [0.009]
2	<b>SMA-KFD80812</b>	<b>0.30 [0.012]</b>
3	SMA-KFD80815	0.38 [0.015]
4	SMA-KFD80818	0.46 [0.018]
5	SMA-KFD80820	0.51 [0.020]

### Electrical & Environmental Characteristics

Impedance	50 $\Omega$
Insulation Resistance	5000 M $\Omega$
Operating Frequency	DC~26.5GHz
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	PTFE
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

**SMA-KFD80812**  
**SMA Female Flange Connector**

MATERIAL  
SEE TABLE

FINISH  
SEE TABLE

WEIGHT

SIZE  
A4

GAGE CODE  
OT8L4

DRAWING NO

CUSTOMER DRAWING

SHEET 1 OF 1

RVE 1