



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

### Electrical & Environmental Characteristics

Impedance	50 Ω
Insulation Resistance	5000 MΩ
Operating Frequency	DC~26.5GHz
Dielectric Withstanding Voltage	1000V
VSWR	≤1.15
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	N/A

THIS DRAWING IS A CONTROLLED DOCUMENT

DWN

CHK

Suzhou Talent Microwave, Inc

Unit  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED  
 0 PLC ±0.25  
 1 PLC ±0.15  
 2 PLC ±0.12  
 3 PLC ±  
 3 PLC ±  
 ANGLES ±1°

APVD

PRODUCT SPEC

APPLICATION SPEC

Product Model

**SMA-KFD80818**  
**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