



### Electrical & Environmental Characteristics

Impedance	50 Ω
Insulation Resistance	5000 MΩ
Operating Frequency	DC~110GHz
Dielectric Withstanding Voltage	500V
VSWR	≤1.35
Insertion Loss	≤0.05* $\sqrt{f\_GHz}$
Operating Temperature	- 55~+165°C

### Material & Coat-Plating

Inner Conductor	Beryllium Copper, Gold
Dielectric	PEI 1000
Body	Stainless Steel, Passivated
Coupling Nut	N/A

No.	Model	Pin Size $\phi d$
1	1.0-KFD80209	0.23 [0.009]

THIS DRAWING IS A CONTROLLED DOCUMENT		DWN	Suzhou Talent Microwave, Inc			
		CHK				
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 Model  <b>1.0-KFD80209</b> <b>1.0mm Female Flange Connector</b>			
		PRODUCT SPEC				
		APPLICATION SPEC	SIZE A4	GAGE CODE OT8L4	DRAWING NO	
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	CUSTOMER DRAWING		SHEET 1 OF 1	RVE 1