



No.	Model	D(Diameter)	L(Length)
1	SMA-KFD31350-090	1.27 [0.050]	2.3 [0.090]
2	SMA-KFD31350-098	1.27 [0.050]	2.5 [0.098]
3	SMA-KFD31350-138	1.27 [0.050]	3.5 [0.138]
4	SMA-KFD31350-197	1.27 [0.050]	5.0 [0.197]

### 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	Suzhou Talent Microwave, Inc		
		CHK			
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 Model  <b>SMA-KFD31350-090</b> SMA Female Flange Connector		
		PRODUCT SPEC			
		APPLICATION SPEC			
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	SIZE A4	GAGE CODE 0T8L4	DRAWING NO
		CUSTOMER DRAWING			SHEET 1 OF 1
					RVE 1