



No.	Model	D1(Diameter1)	D2(Diameter2)	L1(Length1)	L2(Length2)
1	SMA-KFD70502	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
2	SMA-KFD70502-039	4.0 [0.157]	0.38 [0.015]	3 [0.118]	1 [0.039]
3	SMA-KFD70502-140	4.0 [0.157]	0.38 [0.015]	1.4 [0.055]	2 [0.079]
4	SMA-KFD7050201	4.0 [0.157]	0.38 [0.015]	3 [0.118]	0.4 [0.016]
5	SMA-KFD7050206	4.0 [0.157]	0.38 [0.015]	3 [0.118]	0.6 [0.024]
6	SMA-KFD7050288	4.0 [0.157]	0.38 [0.015]	3 [0.118]	1.27 [0.050]
7	SMA-KFD7050289	4.0 [0.157]	0.38 [0.015]	3 [0.118]	3 [0.118]
8	SMA-KFD7050404	4.0 [0.157]	0.38 [0.015]	4 [0.157]	2 [0.079]
9	SMA-KFD70501	4.0 [0.157]	0.80 [0.031]	4 [0.157]	2 [0.079]
10	SMA-KFD7050403	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
11	SMA-KFD7051001	4.0 [0.157]	0.51 [0.020]	4 [0.157]	2 [0.079]
12	SMA-KFD7050208	4.1 [0.161]	0.38 [0.015]	4 [0.157]	2 [0.079]
13	SMA-KFD7050203	4.1 [0.161]	0.30 [0.012]	4 [0.157]	2.5 [0.098]

### 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	NA

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		
		PRODUCT SPEC	SMA-KFD70502-140 SMA Female Flange Connector		
		APPLICATION SPEC	SIZE A4	GAGE CODE OT8L4	DRAWING NO
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	CUSTOMER DRAWING		
				SHEET 1 OF 1	RVE 1