



No.	Model	D(Diameter)	L(Length)
1	2.92-KFD50709-127	0.23 [0.009]	0.5 [0.020]
2	2.92-KFD50709-039	0.23 [0.009]	1 [0.039]
3	2.92-KFD50712-011	0.30 [0.012]	0.3 [0.012]
4	2.92-KFD50712-019	0.30 [0.012]	0.5 [0.020]
5	2.92-KFD50712-059	0.30 [0.012]	1.5 [0.059]
6	2.92-KFD50712-079	0.30 [0.012]	2 [0.079]
7	2.92-KFD50712	0.30 [0.012]	7 [0.276]
8	2.92-KFD50712-354	0.30 [0.012]	9 [0.354]
9	2.92-KFD50712-472	0.30 [0.012]	12 [0.472]
10	2.92-KFD50712-50	0.30 [0.012]	12.7 [0.500]
11	2.92-KFD50717-269	0.44 [0.017]	6.84 [0.269]
12	2.92-KFD50717-295	0.44 [0.017]	7.5 [0.295]
13	2.92-KFD50720-590	0.50 [0.020]	15 [0.590]
14	2.92-KFD5072502	0.64 [0.025]	6.84 [0.269]
15	2.92-KFD5072501	0.64 [0.025]	10.92 [0.430]
16	2.92-KFD50725-1181	0.64 [0.025]	30 [1.181]
17	2.92-KFD50730	0.75 [0.030]	30 [1.181]
18	2.92-KFD50743-590	1.10 [0.043]	15 [0.590]
19	2.92-KFD50750-319	1.27 [0.050]	8.1 [0.319]
20	2.92-KFD50750-314	1.27 [0.050]	8 [0.314]
21	2.92-KFD50750-393	1.27 [0.050]	10 [0.393]

### Electrical & Environmental Characteristics

Impedance	50 $\Omega$
Insulation Resistance	5000 M $\Omega$
Operating Frequency	DC~40GHz
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	PEI 1000
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			
		PRODUCT SPEC	2.92-KFD50725-1181			
		APPLICATIO N SPEC	2.92mm Female Flange Connector			
MATEIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	SIZE A4	GAGE CODE 0T8L4	DRAWING NO	
		CUSTOMER DRAWING			SHEET1 OF 1	RVE 1