



No.	Model	D(Diameter)	L(Length)
1	1.85-KFD50509	0.23 [0.009]	7 [0.276]
2	1.85-KFD5051201	0.30 [0.012]	1.2 [0.047]
3	1.85-KFD5051202	0.30 [0.012]	2 [0.079]
4	1.85-KFD5052301	0.58 [0.023]	3.7 [0.145]
5	1.85-KFD5052302	0.58 [0.023]	5.85 [0.230]
6	1.85-KFD5052303	0.58 [0.023]	19.1 [0.752]
7	1.85-KFD50525	0.64 [0.025]	6 [0.236]
8	1.85-KFD50531	0.80 [0.031]	7 [0.276]

Electrical & Environmental Characteristics

Impedance	50 Ω
Insulation Resistance	5000 M Ω
Operating Frequency	DC~65GHz
Dielectric Withstanding Voltage	1000V
VSWR	≤ 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 ± 0.25 1 PLC ± 0.15 2 PLC ± 0.12 3 PLC \pm 3 PLC \pm ANGLES $\pm 1^{\circ}$	APVD	Product Model			
		PRODUCT SPEC	1.85-KFD50531			
		APPLICATION SPEC	1.85mm 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