



No.	Model	D(Diameter)	L(Length)
1	1.85-KFD50709	0.23 [0.009]	7 [0.276]
2	1.85-KFD5071201	0.30 [0.012]	1.2 [0.047]
3	1.85-KFD5071202	0.30 [0.012]	2 [0.079]
4	1.85-KFD5072301	0.58 [0.023]	3.7 [0.145]
5	1.85-KFD5072302	0.58 [0.023]	5.85 [0.230]
6	1.85-KFD5072303	0.58 [0.023]	19.1 [0.752]
7	1.85-KFD50725	0.64 [0.025]	6 [0.236]
8	1.85-KFD50731	0.80 [0.031]	7 [0.276]

### Electrical & Environmental Characteristics

Impedance	50 $\Omega$
Insulation Resistance	5000 M $\Omega$
Operating Frequency	DC~65GHz
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

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		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	1.85-KFD5072301			
		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