



Material & Coat-Plating	
Inner Conductor	Beryllium Copper, AuroDur, gold plated
Dielectric	PEI
Outer contact	Stainless steel, Passivated
Gasket	Silicone
Hermetic bead	Glass
Hexagon nut	Stainless steel, Passivated
Tooth lock washer	Stainless steel, Passivated
Body	Brass, Gold, min. 0.20 μm, over nickel



Electrical & Environmental Characteristics

Impedance	50 Ohm
Insulation Resistance	5000 MΩ
Operating Frequency	67 GHz
Dielectric Withstanding Voltage	750 V
VSWR	<1.5
Insertion Loss	0.05* $\sqrt{f_GHz}$
Operating Temperature	-55~+165°C
RF-leakage	100dB min up to 1GHz
Moisture resistance	MIL-STD-202, Meth. 106
Leakage rate	< 10 ⁻⁸ mbar x l/s
Pressure	2 N/mm ² max

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 ± 3 PLC ± ANGLES ±1°	APVD	Product Mode		
		PRODUCT SPEC	1.85-KYK-HS2 1.85mm Female to 1.85mmFemale , bulkhead, HERMETIC SEALED Adaptor		
		APPLICATION SPEC	SIZE A4	GAGE CODE OT8L4	DRAWING NO
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT	CUSTOMER DRAWING		
			SCALE 4:1	SCALE 4:1	SHEET 1 OF 1 RVE 1