



### Electrical & Environmental Characteristics

Impedance	50 Ohm
Operating Frequency	DC-110 GHz
Connector	1.0 mm Female
Insertion Loss	0.05* $\sqrt{f\_GHz}$
Return Loss	$\geq 19$ dB, DC to 40 GHz $\geq 15$ dB, 40 GHz to 67 GHz $\geq 10$ dB, 67 GHz to 110 GHz
Operating Temperature	-40~+165°C

### Material & Coat-Plating

Contact	BeCu C17300 GOLD PLATE
Housing	Brass, Gold plating
Bead	PTEF
Item	MATERIAL & FINISH

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	1.0-KFDELPEI 1.0mm female for PCB end launch		
		PRODUCT SPEC			
		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