

**N Male Right Angle for S-Flex 1/4" Soldering Jumper**
**Electrical Specifications**

Impedance	50 $\Omega$
Frequency Range (MHz)	DC ~ 3 GHz
VSWR	$\leq 1.10$ (0.8 ~ 2.2GHz )
	$\leq 1.12$ (DC ~ 3GHz )
Return Loss	$\leq -28$ dB (2GHz)
	$\leq -21$ dB (2GHz)
PIM 3rd Order	$\leq -155$ dBc (2 x 43 dBm)
Insertion Loss	$\leq 0.05$ ( 0.8 ~ 1 GHz )
	$\leq 0.08$ (1 ~ 2.2 GHz )
	$\leq 0.15$ ( 2.2 ~ 3 GHz )
Working Voltage	2700 V (50 Hz AC)
Withstand Voltage	4000 V (50 Hz AC)
Outer Contact Resistance	< 1.5 M $\Omega$
Inner Contact Resistance	< 1.5 M $\Omega$
Insulation Resistance	$\geq 5000$ M $\Omega$

**Mechanical Specifications**

Assembly Attachment Durability	$\geq 50$ Cycles
Interface Durability	$\geq 500$ Cycles
Insertion Force	$\geq 30$ N
Connector Retention Torque	1.4 N-m
Connector Retention Tensile Force	450 N
Water Resistance	IP68
Operating Temperature	-55 ~ +80 $^{\circ}$ C

**Material and Plating**

Inner Conductor	QSn6.5-0.1, Silver Plated
Outer Conductor	HPb59-1, Trimental Plating(Copper-Tin-Zin)
Insulation	PTEE
Gasket	Silicon Rubber

