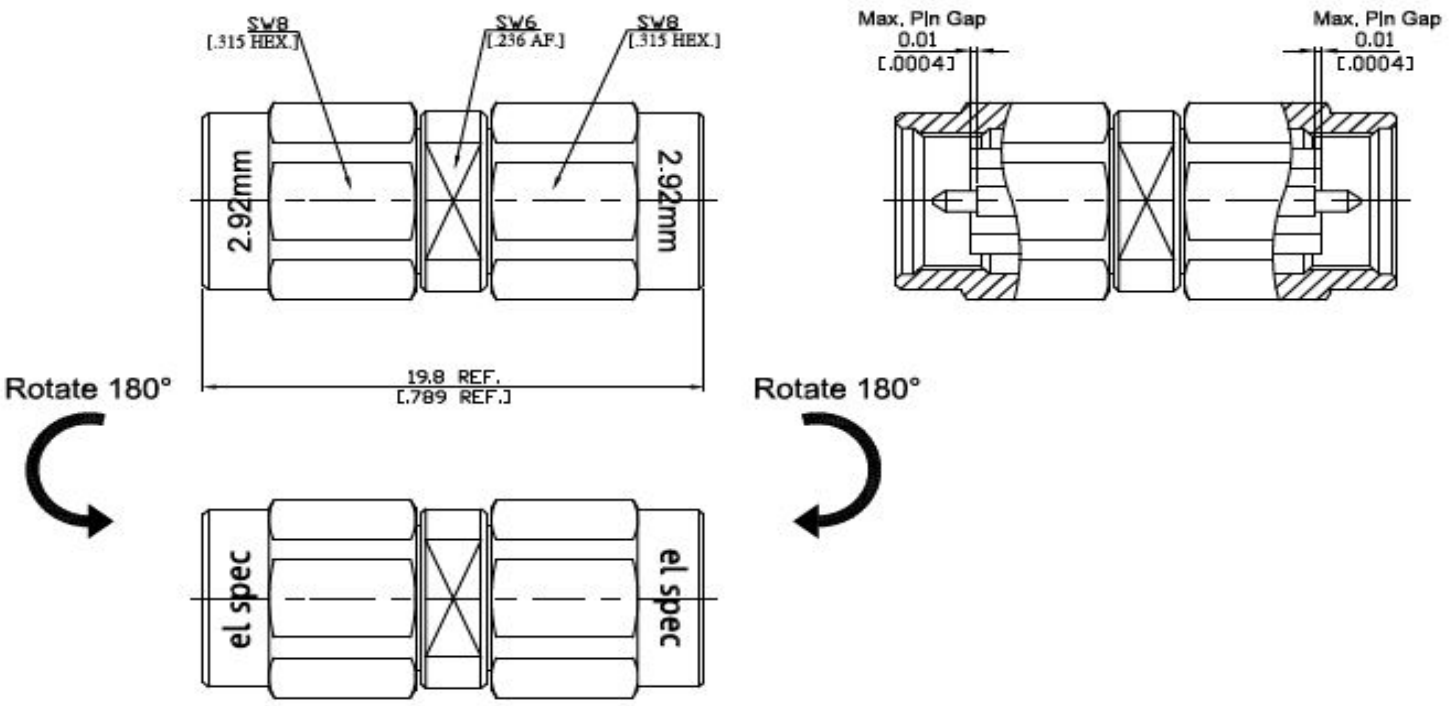
PRODUCT DATASHEET

INFORMATION | ARTICLE NUMBER: 21908 | CABLE TYPE: /

2.4mm NMD Jack to 2.92mm Jack Adapter



INTERFACE	
MECHANICALLY COMPATIBLE WITH	2.4= 1.85MM NMD | 2.92= 3.5MM AND SMA
ACCORDING TO	IEC 61169-40, IEEE Std 287-2007_LPC | IEC 61169-35, IEEE Std 287-2007_LPC

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms.
FREQUENCY RANGE	DC TO 40 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.83 dB)
INSERTION LOSS	≤ 0.05 x √F (GHz) dB
INSULATION RESISTANCE	≥ 5 GOhms
TEST VOLTAGE (SEA LEVEL)	500 Vrms
WORKING VOLTAGE (AT SEA LEVEL)	150 Vmrs
RF LEAKAGE (DC - TBD GHz)	≥ 100 dB up to 1 GHz

MATERIAL AND FINISH	
CENTER CONTACT	Beryllium copper, Gold plating, Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
BODY	Stainless steel, passivated
INSULATOR	PEI
COUPLING NUT	Stainless Steel, passivated

MECHANICAL CHARACTERISTICS	
COUPLING MECHANISM	Screw-lock
MATING CYCLES	≥ 500
CENTER CONTACT CAPTIVATION: AXIAL	≥ 27 N
WEIGHT	N/A
COUPLING TEST TORQUE	1.70 Nm max.
RECOMMENDED MATING CONNECTOR TORQUE	0.9 Nm

ENVIROMENTAL CHARACTERISTICS	
TEMPERATURE RANGE	-60°C TO +165°C
THERMAL SHOCK	MIL-STD-202. METHOD 107, CONDITION B
CORROSION	MIL-STD-202, METHOD 101, CONDITION B
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
SHOCK	MIL-STD-202, METHOD 213, CONDITION I
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106
ROHS	complaint

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