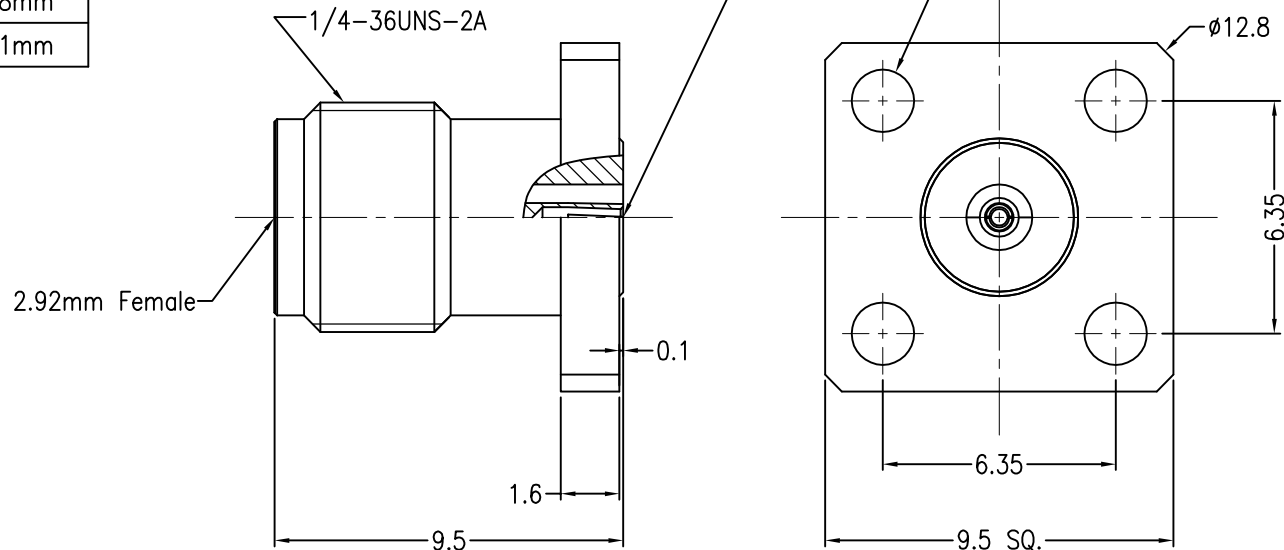


A		B		http://www.sz-signal.com		C		D		E		F	
NOTICE:		ALL PARTS MUST MEET TO RoHS REQUIREMENTS		CUSTOMER OUTLINE DRAWING		REV.	DESCRIPTION		ECN NO.		NAME	DATE	
RoHS		✓				SO	FIRST EDITION		N/A		LY	2021/09/17	

CUSTOMER NO.	ORDER NO.	φA
RF292A4JAAA	805000-00-146	0.23mm
RF292A4JAAB	805000-00-147	0.30mm
RF292A4JAAC	805000-00-148	0.38mm
RF292A4JAAE	805000-00-149	0.51mm

SOCKET TO ACCEPT φ(A) PIN
2.0 MAX. DEPTH



1. MATERIALS AND PLATING

BODY: Passivation of stainless steel
CONTACT PIN: Beryllium copper with gold 30u" plating
INSULATOR: UNFILLED ULTEM 1000/PEI

2. ELECTRICAL CHARACTERISTICS

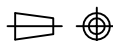
Impedance: 50 ohm
Frequency range: 0~40GHz
Voltage rating: 250V(rms)
Dielectric withstanding voltage: >750V
Contact resistance: <3.0mΩ
Center contact: <2.0mΩ
Outer contact: <2.0mΩ
Insulation resistance: >5000MΩ
Insertion loss: <0.10 X √f(GHz) dB
RF-leakage: N/A
VSWR: <1.30
3rd Intermodulation: N/A

3. MECHANICAL CHARACTERISTICS

Force to engage and disengage: N/A
Center contact retention force: >20 N
Recommended coupling torque: 0.80 Nm to 1.10 Nm
Coupling test torque: 1.70 Nm
Durability: >500 cycles

4. ENVIRONMENTAL CHARACTERISTICS

Temperature range: -40°C~+85°C

		TITLE: 50 Ohm, 2.92mm Female Straight 4-Hole Flange Connector	
APPROVED:	CUSTOMER P/N:	DRAWING NO.	TOLERANCES ARE: DECIMALES ANGLES
CHECKED:	SCALE: 5 : 1	ORDER NO. 805000-00-146~149	.x ±0.5 x.° ±5.0° .xx ±0.3 x.° ±3.0°
DRAWING: LY	DATE: 2021-09-17	THIRD ANGLE PROJECTION 	UNITS: mm SHEET: 1 OF 2
		SIZE: A4	

A		B		http://www.sz-signal.com		C		D		E		F			
NOTICE:		ALL PARTS MUST MEET TO RoHS REQUIREMENTS		CUSTOMER OUTLINE DRAWING		REV.		DESCRIPTION		ECN NO.		NAME		DATE	
RoHS						S0		FIRST EDITION		N/A		LY		2021/09/17	

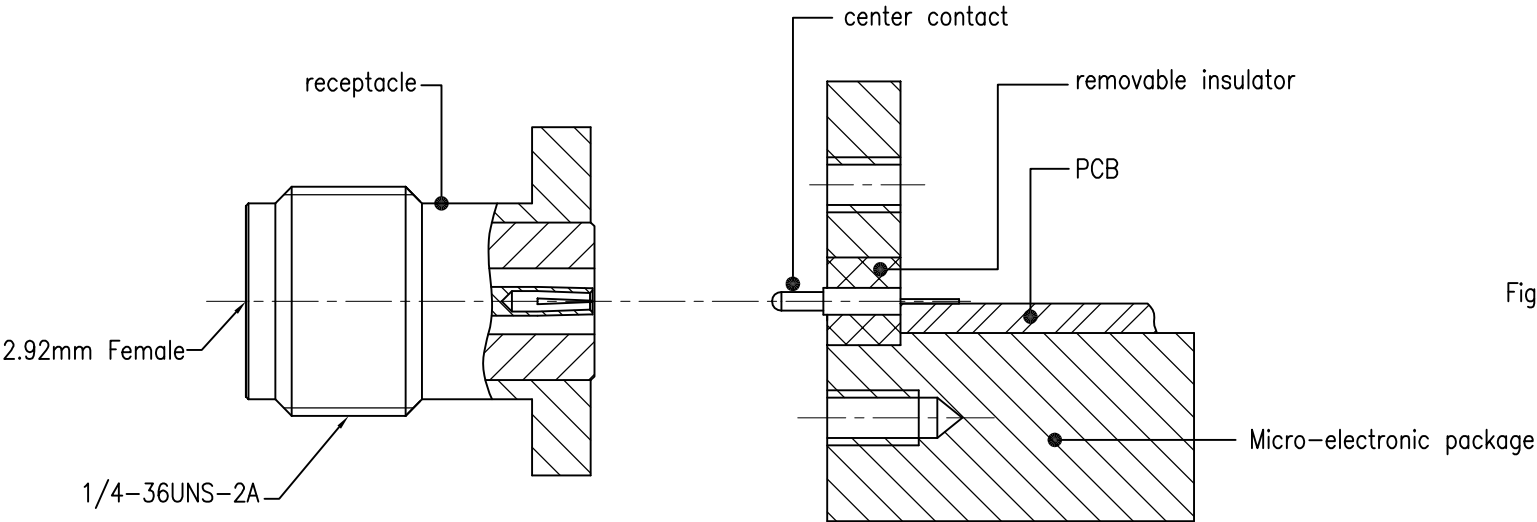


Fig. 1

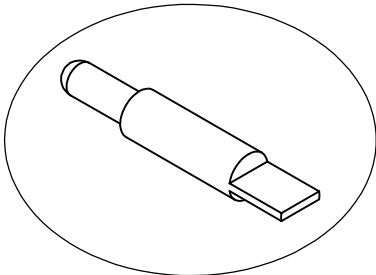


Fig. 2

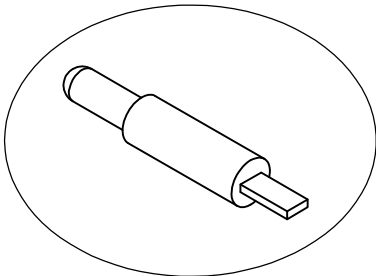
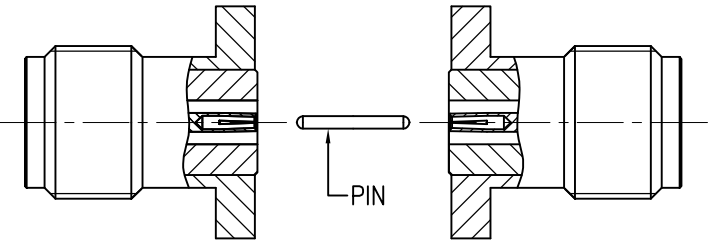
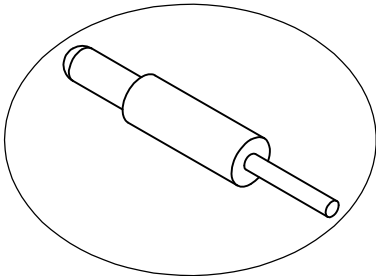
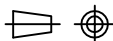


Fig. 3



Back-to-back testing for two connectors

			TITLE: 50 Ohm, 2.92mm Female Straight 4-Hole Flange Connector		
APPROVED:		CUSTOMER P/N:		DRAWING NO.	
CHECKED:		SCALE: 5 : 1		ORDER NO. 805000-00-146~149	
DRAWING: LY		DATE: 2021-09-17		THIRD ANGLE PROJECTION 	
				TOLERANCES ARE: DECIMALES ANGLES .x ±0.5 x.° ±5.0° .xx ±0.3 x.° ±3.0°	
				UNITS: mm	
				SHEET: 2 OF 2	
				SIZE: A4	