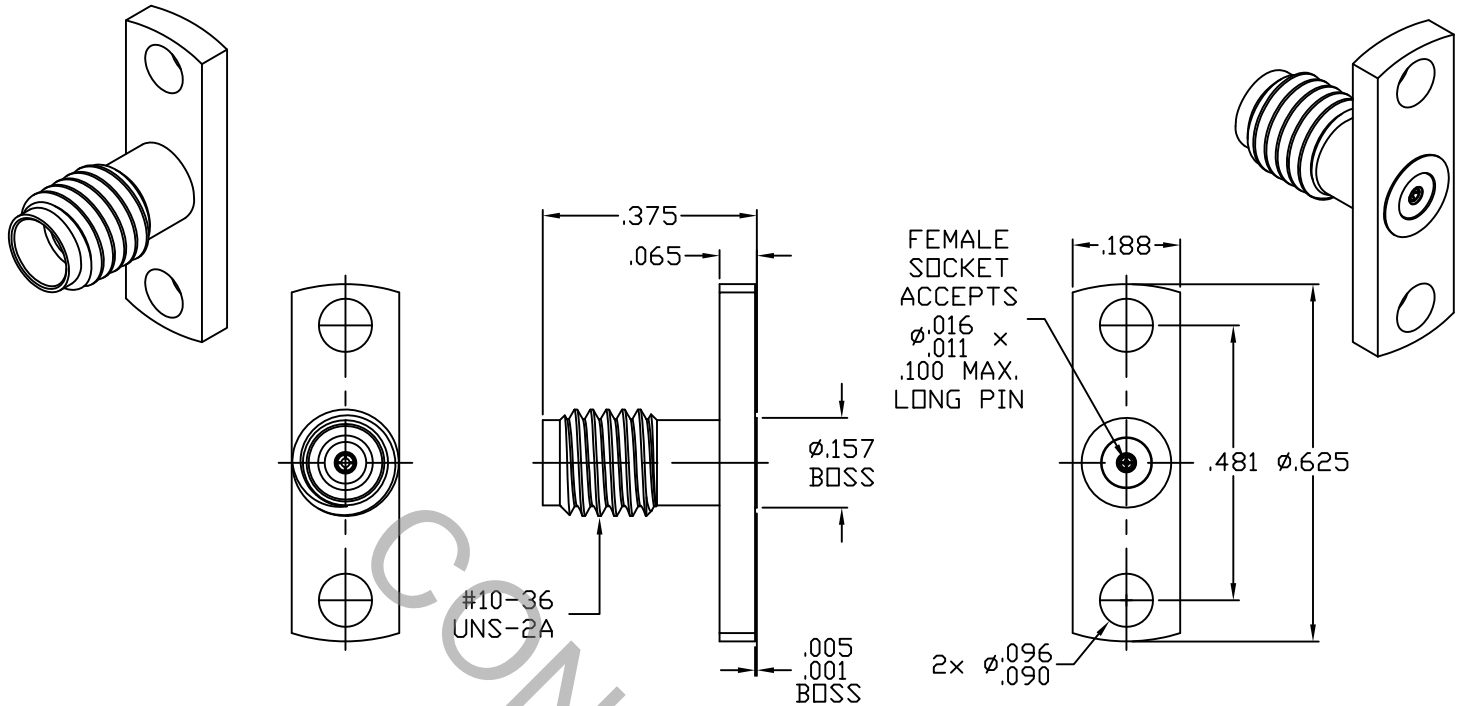


# SPECIFICATION CONTROL DRAWING



1. MATING INTERFACE DIMENSIONS Per DYNAWAVE SPEC. MD-97 (SSMA JACK) AIR INTERFACE.

## 2. ELECTRICAL

FREQUENCY RANGE GHz	_____	DC TO 46.0 GHz
VSWR (MAX.) *	_____	1.05 + .008 x FGHz
INSERTION LOSS (dB MAX.) *	_____	.035 dB x $\sqrt{\text{FGHz}}$
NOMINAL IMPEDANCE (OHMS)	_____	50
VOLTAGE RATING (MAX. VRMS)	_____	250
RF LEAKAGE (MIN. dB DOWN)	_____	-100 dB - FGHz
TEMPERATURE RATING (DEGREES CENTIGRADE)	_____	-65°C TO + 165°C
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	_____	750
INSULATION RESISTANCE (MIN. MEGOHMS)	_____	5,000
CONTACT RESISTANCE		
• CENTER CONTACT (MAX. MILLIOHMS)	_____	3.0
• OUTER CONTACT (MAX. MILLIOHMS)	_____	2.0

\* TERMINATED IN A 50 OHM LOAD

**RoHS**  
COMPLIANT

This Document contains proprietary and confidential information.

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES			 HAVERHILL, MA 01835	
AA	16-1799	6/29/16	DC	DECIMALS	FRACTIONAL	ANGULAR		
				.X ± .030	± 1/64	X ° ± 1° 0'		
				.XX ± .010		X ° X' ± 15'		
				.XXX ± .005				
				DRAWN	DC	DATE	6/29/16	TITLE SSMA JACK, 2 HOLE FLANGE, FIELD REPLACEABLE
				APPROVED	DC	DATE	6/29/16	
				CODE IDENT.		SHEET	1 OF 2	DWG. NO. 9752-0881-6203
				2J899				