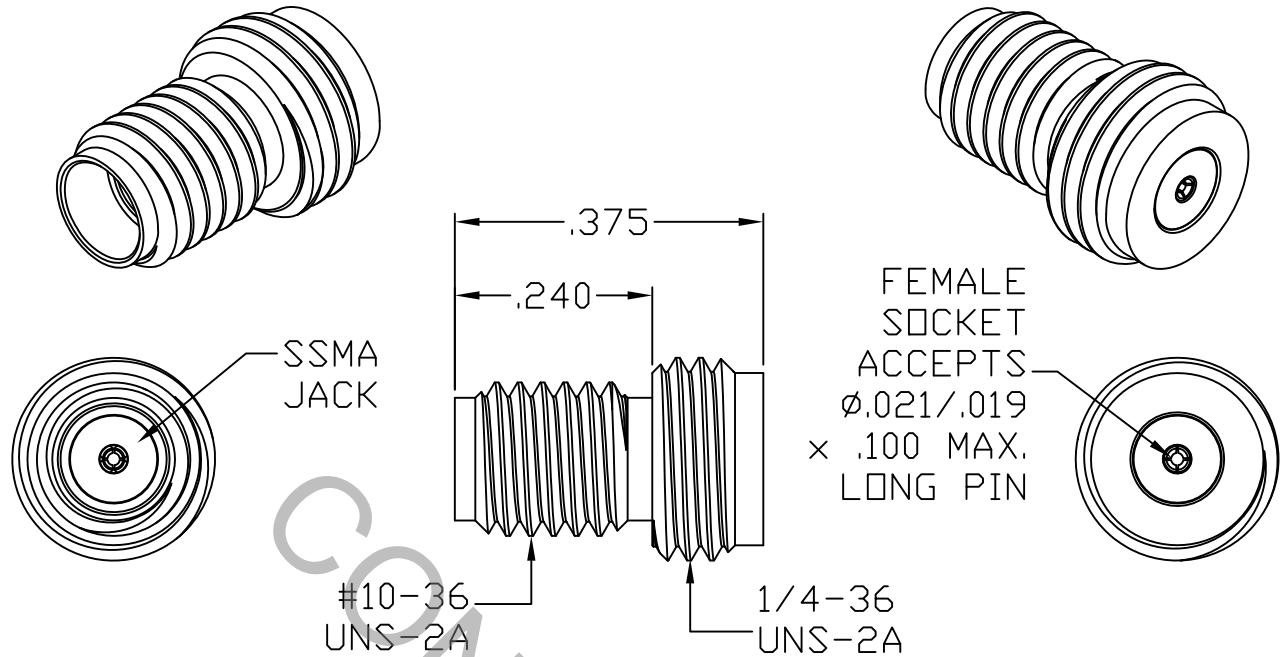


SPECIFICATION CONTROL DRAWING




1. MATING INTERFACE DIMENSIONS Per MIL-STD-348 Fig. 319.2 (SSMA JACK).

2. ELECTRICAL

FREQUENCY RANGE GHz	_____	DC TO 10.0 GHz
VSWR (MAX.)	_____	1.07 + .010 x FGHz
INSERTION LOSS (dB MAX.)	_____	.045 dB x √FGHz
NOMINAL IMPEDANCE (OHMS)	_____	50
RF LEAKAGE (MIN. dB DOWN)	_____	-100 dB - FGHz
TEMPERATURE RATING (DEGREES CENTIGRADE)	_____	-65°C TO + 165°C
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	_____	500
INSULATION RESISTANCE (MIN. MEGOHMS)	_____	5,000
CONTACT RESISTANCE		
• CENTER CONTACT (MAX. MILLIOHMS)	_____	6.0
• OUTER CONTACT (MAX. MILLIOHMS)	_____	2.0

RoHS
COMPLIANT

This Document contains proprietary and confidential information.

REV.	DCN NO.	DATE	APP.	DIMENSIONS ARE IN INCHES TOLERANCES			 HAVERHILL, MA 01835
				DECIMALS	FRACTIONAL	ANGULAR	
AA	11-1500	6/1/11	DC	.X ± .030 .XX ± .010 .XXX ± .005	± 1/64	X ° ± 1° 0' X ° X' ± 15'	TITLE SSMA JACK, STRAIGHT, THREAD-IN
AB	14-1919	7/31/14	TS				
				DRAWN	DC	DATE 6/1/11	
				APPROVED	DC	DATE 6/1/11	
				CODE IDENT.	SHEET 1 OF 2		DWG. NO. 9330-0081-6203
				2J899			

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CENTER CONTACT AXIAL FORCES

- INSERTION (MAX. OUNCES) _____ INTERFACE 32.0, REAR 32.0
- WITHDRAWAL (MIN. OUNCES) _____ INTERFACE 1.0, REAR 1.0

CONNECTOR ENGAGEMENT/DISENGAGEMENT (MAX. LBS.) _____ 2.0

CONNECTOR DURABILITY (12 CYCLES/MINUTE MAX.) _____ 500

4. ENVIRONMENTAL

THERMAL SHOCK _____ MIL-STD-202, METHOD 107, COND. B (-65° c TO + 165° c)

SHOCK _____ MIL-STD-202, METHOD 213, COND. I (100 G's)

VIBRATION _____ MIL-STD-202, METHOD 204, COND. D (20 G's)

MOISTURE RESISTANCE _____ MIL-STD-202, METHOD 106 EXCEPT VIBRATION SHALL BE OMITTED.

CORROSION _____ MIL-STD-202, METHOD 101, COND. B, 5% SALT SPRAY

5. MATERIAL

BODY _____ STAINLESS STEEL PER ASTM-A-484, ASTM-A-581 or
ASTM-A-582, TYPE 303, COND. A.

CONTACT _____ BERYLLIUM COPPER PER ASTM-B-196/B, 196M-03, COPPER
ALLOY No. UNS-C17300, TEMPER TD04.

INSULATOR _____ PTFE FLOUROCARBON PER ASTM-D-1457 or ASTM-D-1710.

6. FINISH

BODY _____ PASSIVATE IAW ASTM-A-967 or
PASSIVATE IAW AMS-2700, TYPE 2, CLASS 4.

CONTACT _____ GOLD PLATE IAW MIL-DTL-45204, TYPE I, GRADE C, 100-150
MICROINCHES THICK or GOLD PLATE IAW ASTM-B-488, TYPE I,
CODE C, 100-150 MICROINCHES THICK OVER
NICKEL PLATE IAW AMS-2403, 50-120 MICROINCHES
THICK or NICKEL PLATE IAW SAE-AMS-QQ-N-290, CLASS 1,
50-120 MICROINCHES THICK.

INSULATOR _____ N/A