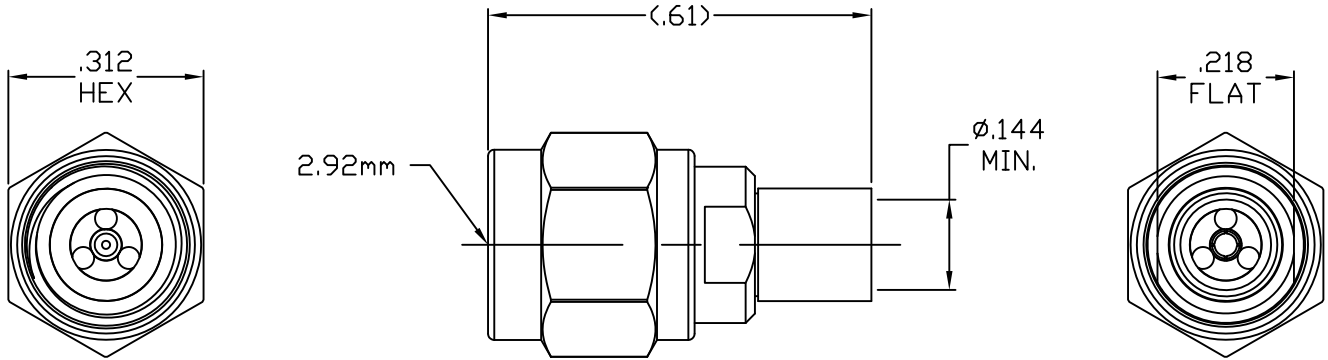
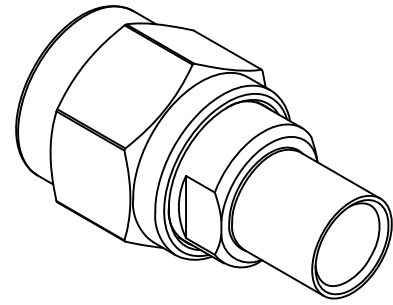
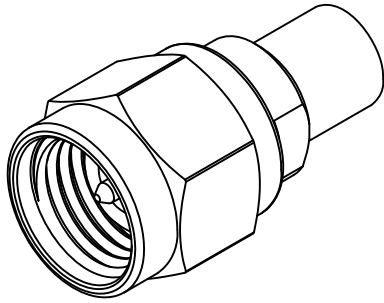


# SPECIFICATION CONTROL DRAWING



1. MATING INTERFACE DIMENSIONS PER MIL-STD-348A, Fig. 323.1 (2.92mm, PLUG)

## 2. ELECTRICAL

FREQUENCY RANGE GHz	_____	DC TO 34.0 GHz
VSWR (MAX.) *	_____	1.05 + .01 x FGHz
INSERTION LOSS (dB MAX.)	_____	.03 dB x √FGHz
NOMINAL IMPEDANCE (OHMS)	_____	50
VOLTAGE RATING (MAX. VRMS)	_____	250
RF LEAKAGE (MIN. dB DOWN)	_____	100 dB - FGHz
TEMPERATURE RATING (DEGREES CENTIGRADE)	_____	-45°c TO + 125°c
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	_____	750
INSULATION RESISTANCE (MIN. MEGOHMS)	_____	5,000
CONTACT RESISTANCE		
• CENTER CONTACT (MAX. MILLIOHMS)	_____	6.0
• 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			 <small>INCORPORATED</small> HAVERHILL, MA. 01835
				DECIMALS	FRACTIONAL	ANGULAR	
AA	07-1571	5/25/07	TS	.X+ .030		X° ± P'	<b>TITLE</b> 2.9mm, MALE, STRAIGHT DIRECT SOLDER TO .141 SEMI-RIGID CABLE
AB	12-1252	3/30/12	TS	.XX ± .010	± 1/64	X° X' ± 15'	
AC	17-2344	11/27/17	DC	.XXX ± .005			
				DRAWN: TS	DATE: 5/24/07		<b>DWG. NO.</b> 9400-4125-6200
				APP.: DC	DATE: 5/24/07		
				CODE IDENT.	SHEET 1 OF 2		
				2J899			

# SPECIFICATION CONTROL DRAWING

## 3. MECHANICAL

CAPTIVATION-CENTER CONTACT	
MAX. AXIAL FORCE	6.0 LBS.
MAX. RADIAL TORQUE	N/A
CENTER CONTACT AXIAL FORCES	
● INSERTION (MAX. OUNCES)	N/A
● WITHDRAWAL (MIN. OUNCES)	N/A
CONNECTOR ENGAGEMENT/DISENGAGEMENT(MAX. IN. LBS.)	2.0
CONNECTOR DURABILITY (MIN. CYCLES)	500
RRECOMMENDED MATING TORQUE	7 - 10 IN. LBS.

## 4. ENVIRONMENTAL

TEMPERATURE CYCLING	MIL-STD-202, METHOD 102, COND. C ( -25°c TO + 100°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, LESS STEP 7b
CORROSION	MIL-STD-202, METHOD 101, COND. B (48 HOURS)
BAROMETRIC PRESSURE (ALTITUDE)	MIL-STD-202, METHOD 105, COND. C ( 70,000 FT. ) ( 190 VRMS )

## 5. MATERIAL

BODY, PRESS SLEEVE & COUPLING NUT	STAINLESS STEEL PER ASTM-A-582, TYPE 303, COND. A
CONTACTS & RETAINING RING	BERYLLIUM COPPER PER ASTM B196/B, 196M-03, COPPER ALLOY No. UNS-C17300, TEMPER TD04.
INSULATOR	PLASTIC COMPOSITE
GASKET	SILICONE RUBBER PER ZZ-R-765.

## 6. FINISH

BODY & COUPLING NUT	PASSIVATE PER AMS-2700, TYPE 2, CLASS 4.
CONTACTS	GOLD PER ASTM B 488, TYPE I, CODE C, CLASS 0.75 (.000030-.000055 THK.) OVER NICKEL PER SAE-AMS-QQ-N-290, CLASS 1 (.000050-.000075 THK.) OVER COPPER PER AMS-2418, (.000010 MIN. THK.).
PRESS SLEEVE	GOLD PER ASTM-B-488, TYPE I, CODE C, CLASS 1.27 (.000050 MIN. THK.) OVER NICKEL PER SAE-AMS-QQ-N-290 CLASS 1 (.000150 MIN. THK.) OVER NICKEL (WOODS OR WATTS) (.000010 MIN. THK.)
INSULATOR, GASKET & RETAINING RING	N/A