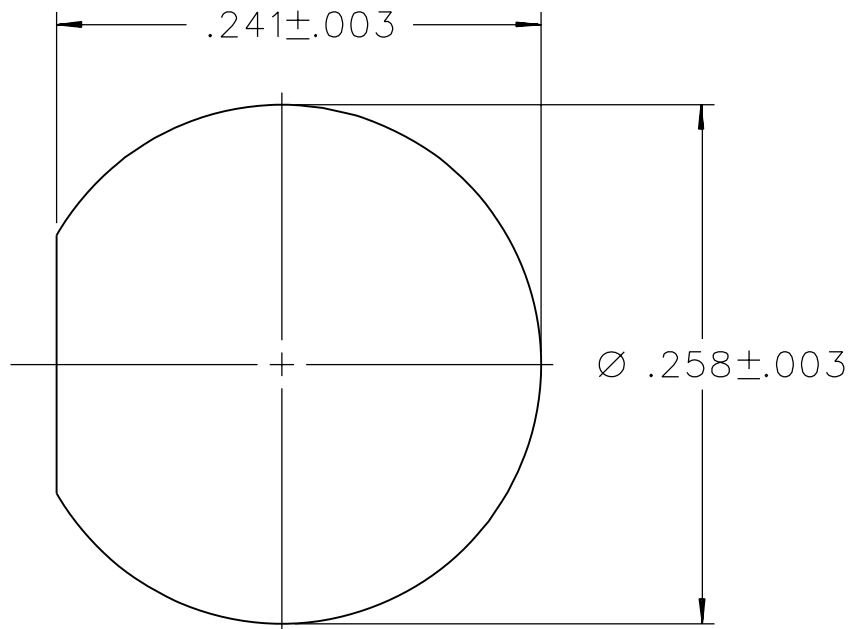
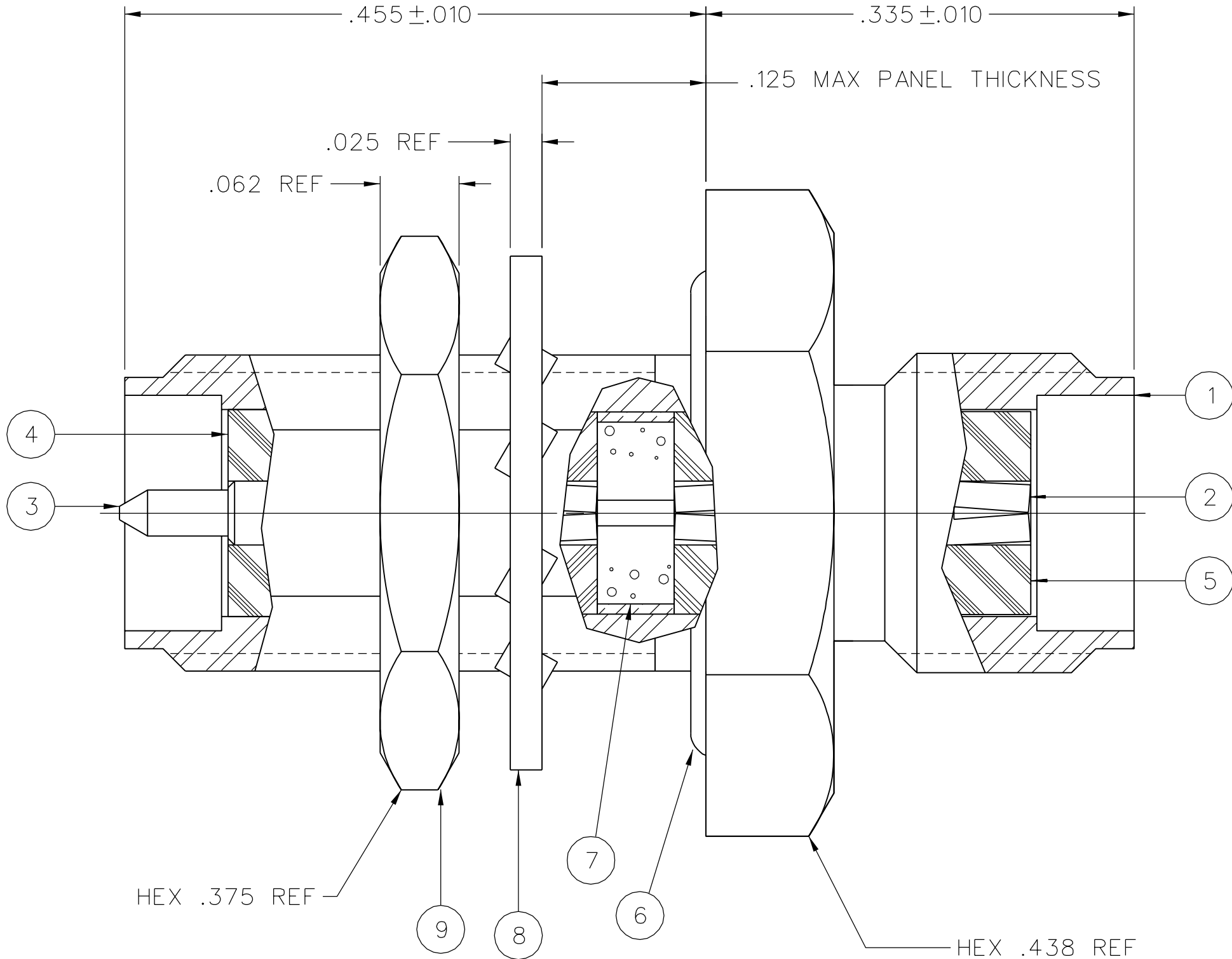


PART NUMBER	ITEM ① BODY	ITEM ②③ CONTACTS	ITEM ④⑤ INSULATORS	ITEM ⑥ O-RING	ITEM ⑦ SEAL PIN FEEDTHRU	ITEM ⑧ LOCKWASHER	ITEM ⑨ NUT
141-4901-411	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	SILICONE	PIN & OUTER RING-KOVAR GOLD PL .00005 MIN OVER NICKEL PL .000005 MIN INSULATOR-GLASS	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER

DRAWING NO. C - 141-4901-411/420	
0	REVISIONS
ENGINEERING RELEASE	
1	1-22-08 P A T R J B M J U I T J S J C N 1-24-08 ECN 51352



MOUNTING HOLE



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHZ
VSWR: 1.05+.01(F) MAX, (F IN GHZ)
WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 6.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
 BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .06 ✓ F AT 6 GHZ (F IN GHZ)
RF LEAKAGE: -90 dB MIN AT 2.5 GHZ
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS MIN AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
CABLE ACCEPTABILITY: NOT APPLICABLE
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: NOT APPLICABLE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-A-55339)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
HERMETICITY: NO LEAKAGE AT 20 PSI AIR PRESSURE

THIS DRAWING TO BE INTERPRETED
PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY RJB		DATE 1-21-08		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS		mm		CHECKED BY RJB		DATE 1-24-08	
.XX				APPROVED BY TJS		TITLE ADAPTER ASSEMBLY, SMA JACK TO R/P SMA BULKHEAD JACK, HERMETIC SEALED	
.XXX							
MATL				RELEASE DATE 1-24-08		SHEET	
FINISH				U/M INCH		DRAWING NO.	
				SCALE 10:1		2 OF 2 C - 141-4901-411/420	