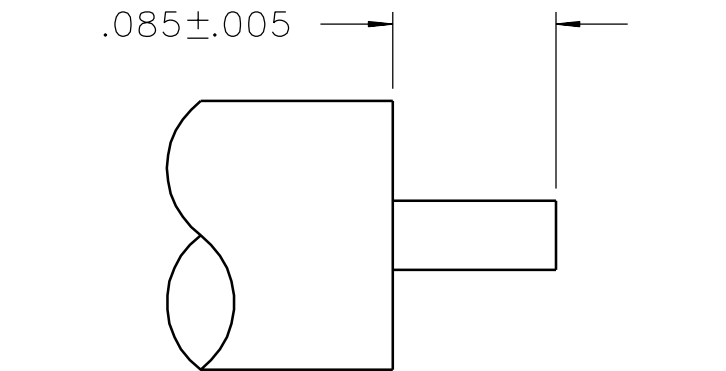
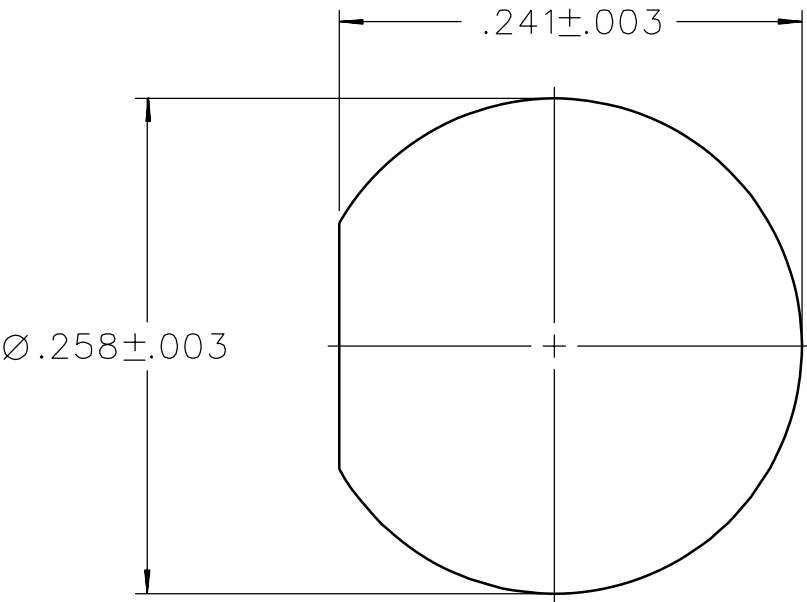
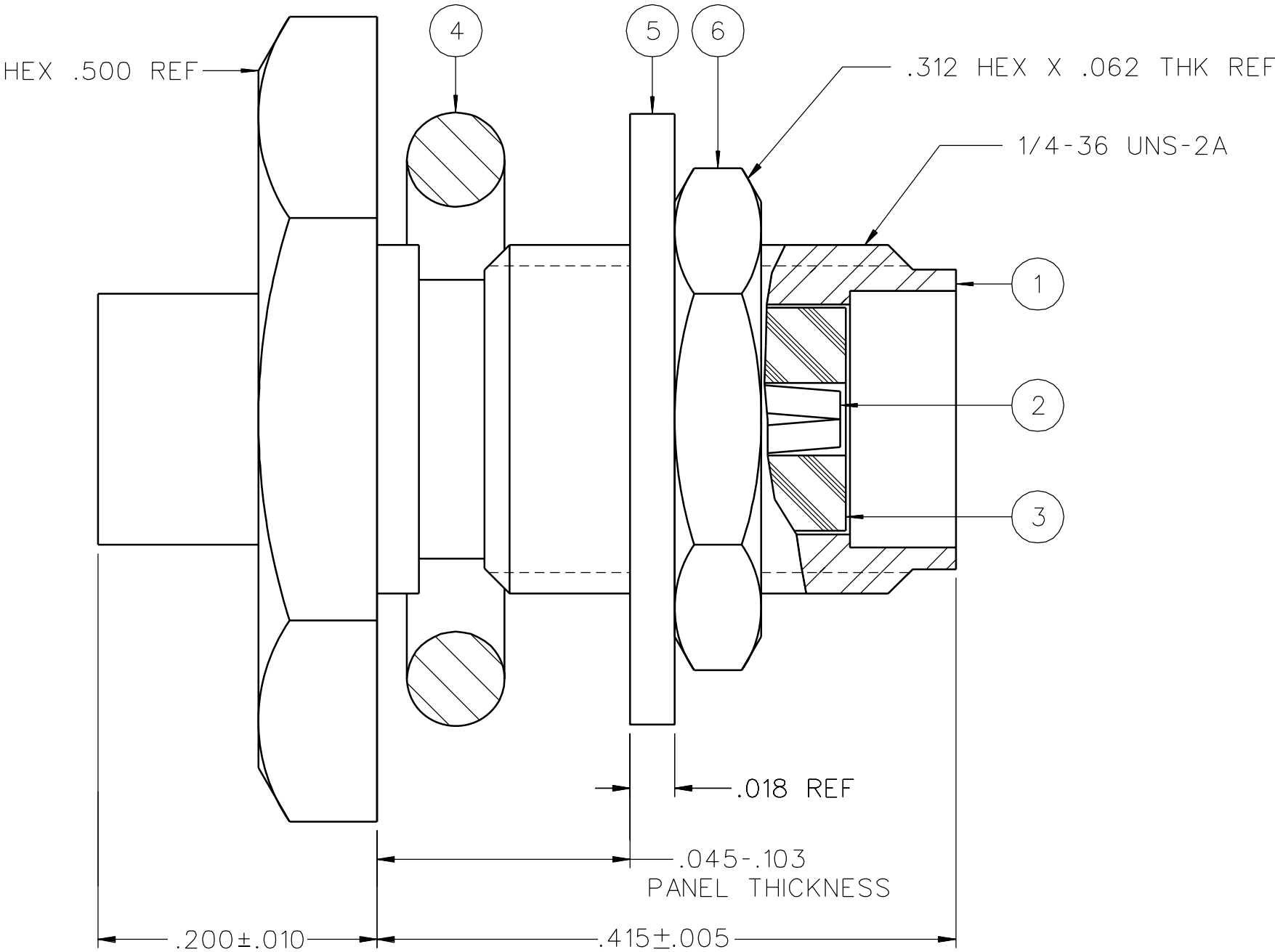


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ SEAL RING	ITEM ⑤ LOCK WASHER	ITEM ⑥ NUT
141-0594-401	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	SILICONE RUBBER	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
141-0594-402	STAINLESS STEEL GOLD PL .00005 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 RUBBER	STAINLESS STEEL PASSIVATED	STAINLESS STEEL PASSIVATED



CABLE STRIP DIMENSION



MOUNTING HOLE

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: 1.05+.008 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 3.0 MILLIOHM MAX, AFTER
 ENVIRONMENTAL 4.0 MILLIOHM MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX
 AFTER ENVIRONMENTAL NOT APPLICABLE
 BODY TO CABLE - 0.5 MILLIOHM MAX
CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .03v/F (F IN GHz) AT 10 GHz
RF LEAKAGE: -90 DB MIN AT 2 TO 3 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS MIN AT
 5 TO 7.5 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 IN-LBS MAX
MATING TORQUE: 7-10 IN-LBS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 402 DIA .141 SEMIRIGID
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: 60 LBS MIN AXIAL FORCE
 55 IN-OUNCE MIN TORQUE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B,
 EXCEPT 115° C HIGH TEMP
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

DRAWING NO.									
C - 141-0594-401/410									
0	REVISIONS								
ENGINEERING RELEASE									
01	01-22-90	E	G	R	A			01-23-90	
		J	D	B	W			ECO 24291	
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC.									
02	02-26-90	E	G	R				3-8-90	
		J	D	B				ECO 24396	
CHANGED: SILICONE RUBBER WAS BUNAN. .415±.005 WAS .415±.010, HEX .500 REF WAS HEX .500±.010, DIA .241±.003 WAS DIA .241+.000-.005, DIA .258±.003 WAS DIA .258+.000-.005, AND 10 GHZ WAS 9-12.4GHZ. ADDED: .200±.010, .045-.103 PANEL THICKNESS, .018 REF, .312 HEX X .062 THK REF, AND 1/4-36 UNS-2A. DELETED: .615±.010, AND .539±.010									
03	02-23-91	D	R	J				2-26-91	
		B	B					ECO 24963	
DELETED: "COPPER PL. .00005 MIN."									
04	08-16-91	D	R	J					
		B	B					ECO 40502	
GRAPHICS & VERSION UPDATE									
5	12-19-05	P	S	P				5-12-06	
		A	D	W				ECN 50097	
VERSION UPDATE									

* REVISION NUMBER FOLLOWED BY AN ALPHA *									
* CHARACTER INDICATES DRAWING CLARIFI- *									
* CATION OR PART NUMBER ADDITION ONLY. *									

5a	8-2-06	P	S	P				8-15-06	
		A	D	W				ECN 50577	

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY <i>EJ</i>	DATE 9-5-89	 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY	DATE		
XXX		APPROVED BY RJB/GLD	DATE 1-22-90	TITLE JACK ASSEMBLY STRAIGHT CABLED BULKHEAD SMA, RG-402	
MATL		RELEASE DATE	1-23-90	SHEET 2 OF 2	DRAWING NO. C - 141-0594-401/410
FINISH		U/M	INCH	SCALE	10:1