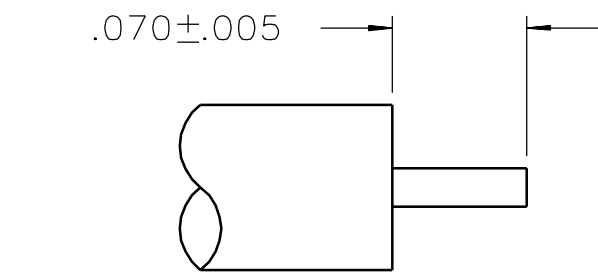


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ SEAL RING	ITEM ⑤ LOCK WASHER	ITEM ⑥ NUT
141-0593-401	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	SILICONE RUBBER	STAINLESS 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
141-0593-402	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

NOTES:

1. SPECIFICATIONS:
- IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: 1.07+.008 F MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 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: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .03√F (F IN GHz) AT 10 GHz
RF LEAKAGE: -90 DB MIN AT 2 TO 3 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 5 TO 7.5 MHz

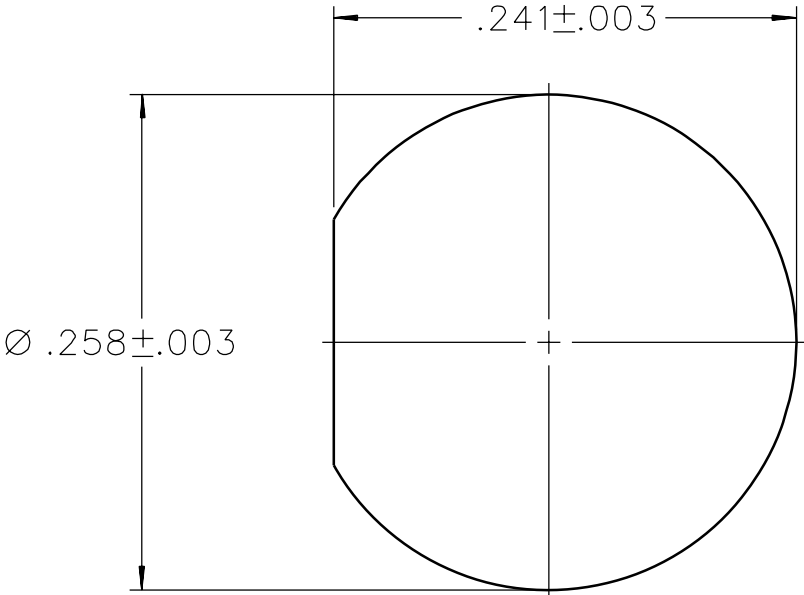
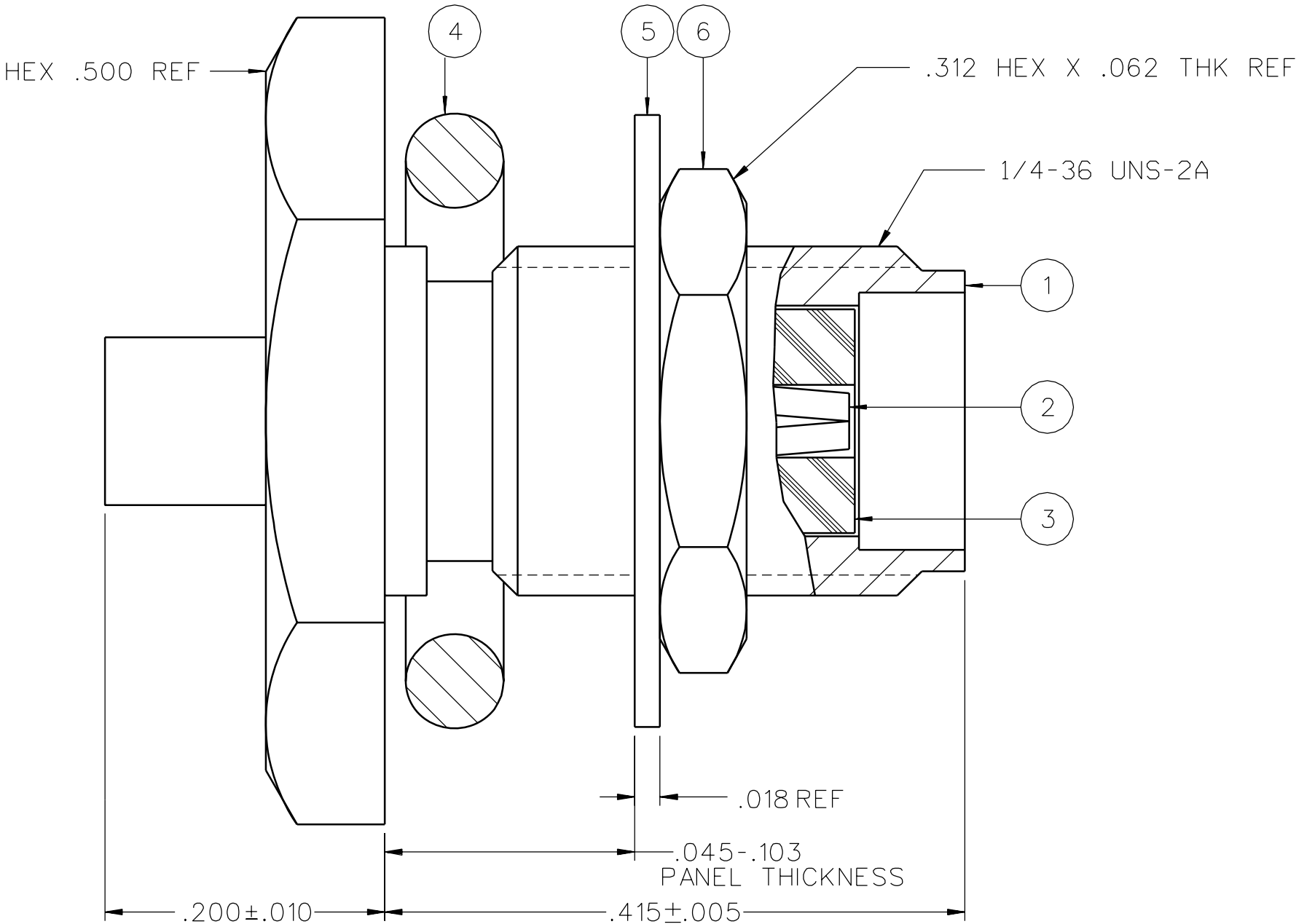
MECHANICAL:

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 405 DIA .086 SEMIRIGID
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: 30 LBS MIN AXIAL FORCE
 16 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



MOUNTING HOLE

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		mm		CHECKED BY		DATE	
.XX				APPROVED BY RJB/GLD		TITLE JACK ASSEMBLY SRTAIGHT CABLED BULKHEAD SMA, RG-405	
.XXX							
MATL				RELEASE DATE		1-23-90	
FINISH				U/M		INCH	
				SCALE		10:1	
				SHEET		DRAWING NO.	
				2 OF 2		C - 141-0593-401/410	

DRAWING NO.						
C - 141-0593-401/410						
0	REVISIONS					
ENGINEERING RELEASE						
01	01-22-90	EJ	GLD	RJB	AW	01-23-90 ECO 24290
ADDED: 115 C HIGH TEMP TO THERMAL SHOCK SPEC.						
02	02-26-90	EJ	GLD	RJB		3-8-90 ECO 24395
CHANGED: SILICONE RUBBER WAS BUNAN, HEX .500 WAS HEX .500±.010, .415±.005 WAS .415±.010, DIA. .241±.003 WAS DIA. .241+.000-.005, DIA. .258±.003 WAS DIA. .258 +.000-.005, AND10GHZ WAS 9-12.4 GHZ.DELETED: .615±.010, AND .539±.010. ADDED: .200±.010, .045 -.103 PANEL THICKNESS, .018 REF .312 HEX X .062THK. REF., 1/4-36 UNS-2A.						
03	02-25-91	DLB	RJB			ECO 24961
DELETED: "COPPER PL .00005 MIN."						
04	08-21-91	DLB	RJB			ECO 40504
GRAPHICS & VERSION UPDATE						
5	12-20-05	PAT	SLD	BDW		5-12-06 ECN 50098

CUSTOMER DRAWING

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

"μSTATION"

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