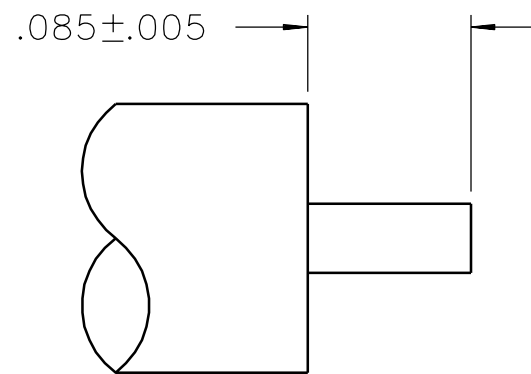
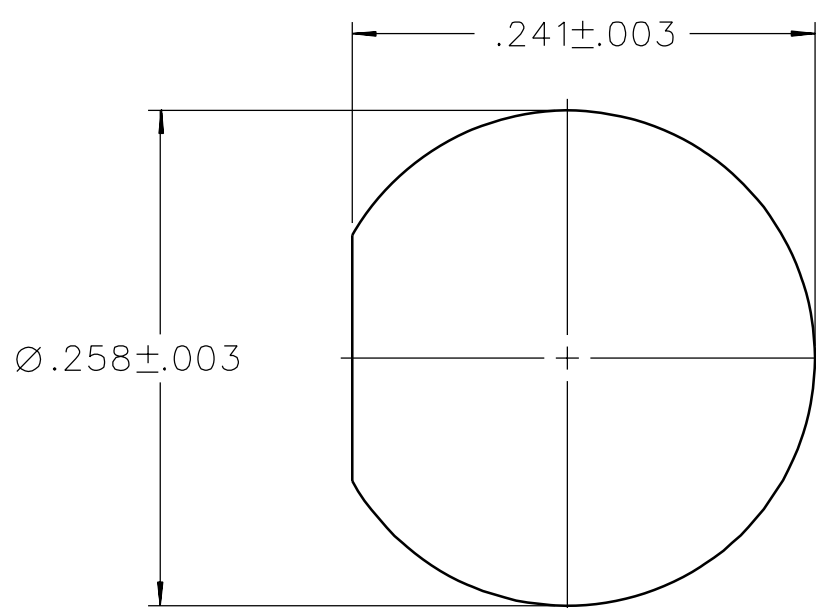
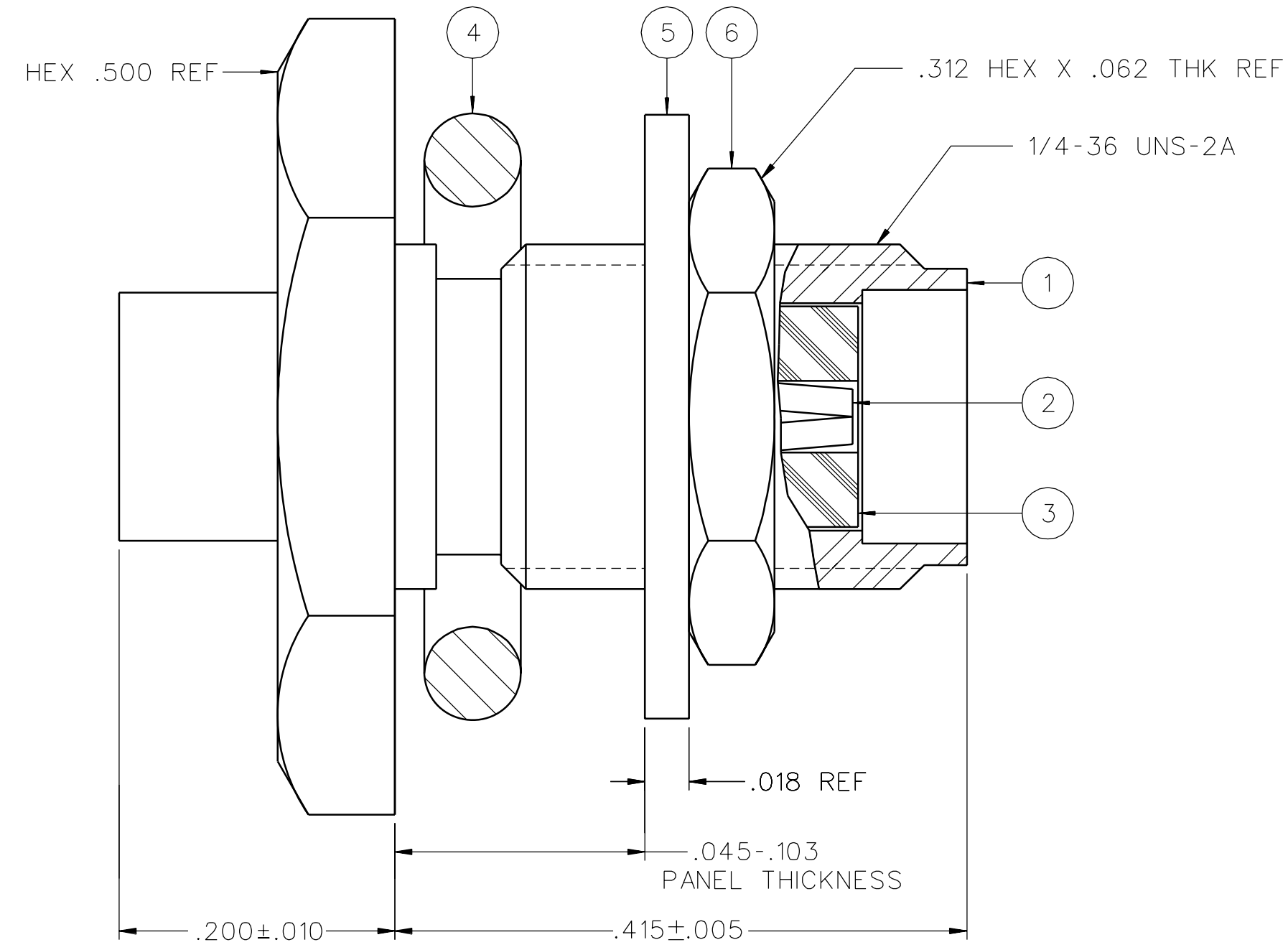


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ SEAL RING	ITEM ⑤ LOCK WASHER	ITEM ⑥ NUT
141-0594-401	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	SILICONE RUBBER	STAINLESS 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: .03√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	EJ	GLJAW	01-23-90 ECO 24291
ADDED: 115° C HIGH TEMP TO THERMAL SHOCK SPEC.				
02	02-26-90	EJ	GLJB	3-8-90 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	DR	JB	2-26-91 ECO 24963
DELETED: "COPPER PL. .00005 MIN."				
04	08-16-91	DR	JB	ECO 40502
GRAPHICS & VERSION UPDATE				
5	12-19-05	PA	SDPW	5-12-06 ECN 50097
VERSION UPDATE ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. * *****				
5a	8-2-06	PA	SDPW	8-15-06 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	 Cinch CONNECTIVITY SOLUTIONS a bel group	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS _____ mm	CHECKED BY	DATE		TITLE JACK ASSEMBLY STRAIGHT CABLED BULKHEAD SMA, RG-402
.XX _____	APPROVED BY RJB/GLD	DATE 1-22-90	SHEET 2 OF 2	DRAWING NO. C - 141-0594-401/410
.XXX _____	RELEASE DATE 1-23-90	SCALE 10:1		
MATL _____	U/M INCH			
FINISH _____				