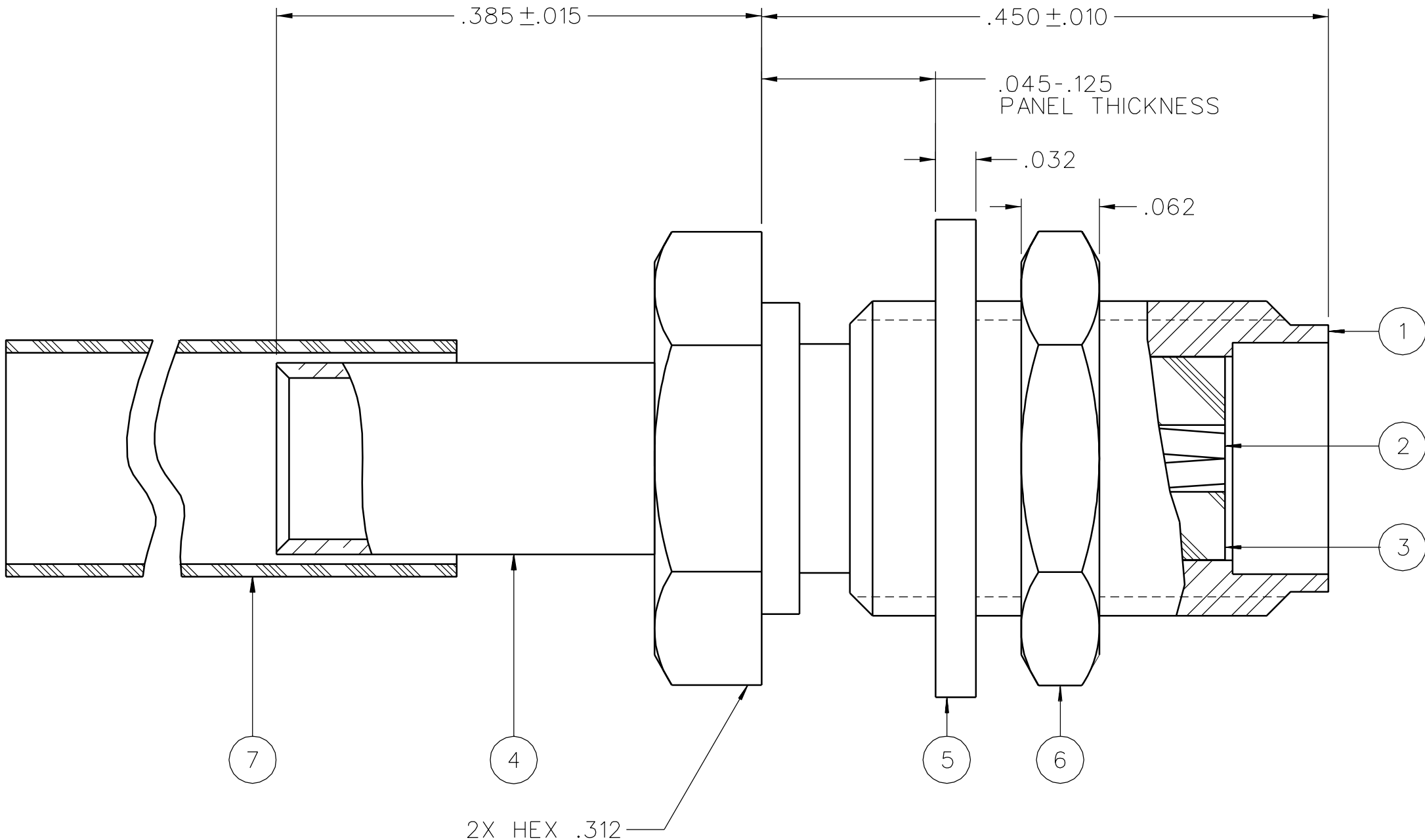


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ CRIMP SLEEVE	ITEM ⑤ LOCK WASHER	ITEM ⑥ NUT	ITEM ⑦ HEAT SHRINK
141-0303-411	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER 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	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	POLYOLEFIN COLOR: BLACK
141-0303-412	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	STAINLESS STEEL PASSIVATED	STAINLESS STEEL PASSIVATED	POLYOLEFIN COLOR: BLACK



NOTES:

1. SPECIFICATIONS:

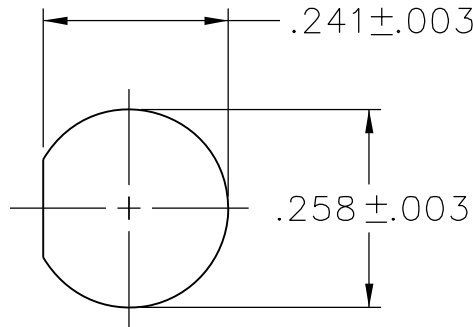
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-12.4 GHz
VSWR: 1.15+.02 F MAX (F IN GHz)
WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
BODY TO CABLE - 0.5 MILLIOHM MAX (GOLD PLATED) 5.0 MILLIOHM MAX (PASSIVATED)
CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .06/F dB MAX (F IN GHz) AT 6 GHz
RF LEAKAGE: -60 DB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 VRMS MIN AT 4 AND 7 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: 6 LBS MIN
CABLE ACCEPTABILITY: RG 188/U, RG 316/U, RG 161/U, RG 174/U
CABLE HEX CRIMP SIZE: .128
CONTACT CRIMP TOOL: MIL M22520/1-01
CABLE RETENTION: 20 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

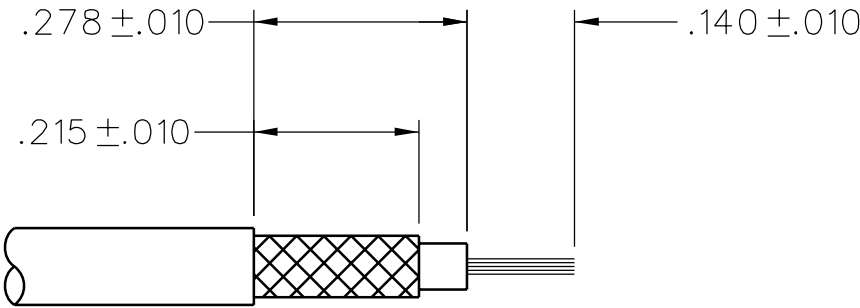
ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 85°C HIGH TEMP
OPERATING TEMPERATURE: -65°C TO 165°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

4:1



CABLE STRIP DIMENSIONS

4:1

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY TAK	DATE 7-1-92	 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY	DATE		
.XXX ±.003		APPROVED BY RJB/TAK	DATE 8-17-92	TITLE JACK ASSEMBLY, STRAIGHT CABLED BULKHEAD SMA, RG 316	
MATL		RELEASE DATE	8-18-92	SHEET 2 OF 2	DRAWING NO. C - 141-0303-411/420
FINISH		U/M INCH	SCALE 10:1		

DRAWING NO.						
C - 141-0303-411/420						
0	REVISIONS					
ENGINEERING RELEASE						
1	8-10-92	R H	T A K	R J B	P A H	8-18-92 ECO 41154
ADDED: ITEM 7 HEAT SHRINK						
2	10-5-92	R H	T A K	R J B	P A H	10-29-92 ECO 41306
VERSION UPDATE						

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

2a	1-31-95	R H	S W C	T A K	R J B	ECN 43182
GRAPHICS & VERSION UPDATE						
3	12-16-05	P A T	S B D	P D W		5-12-06 ECN 50086

CUSTOMER DRAWING

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

"μSTATION"

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