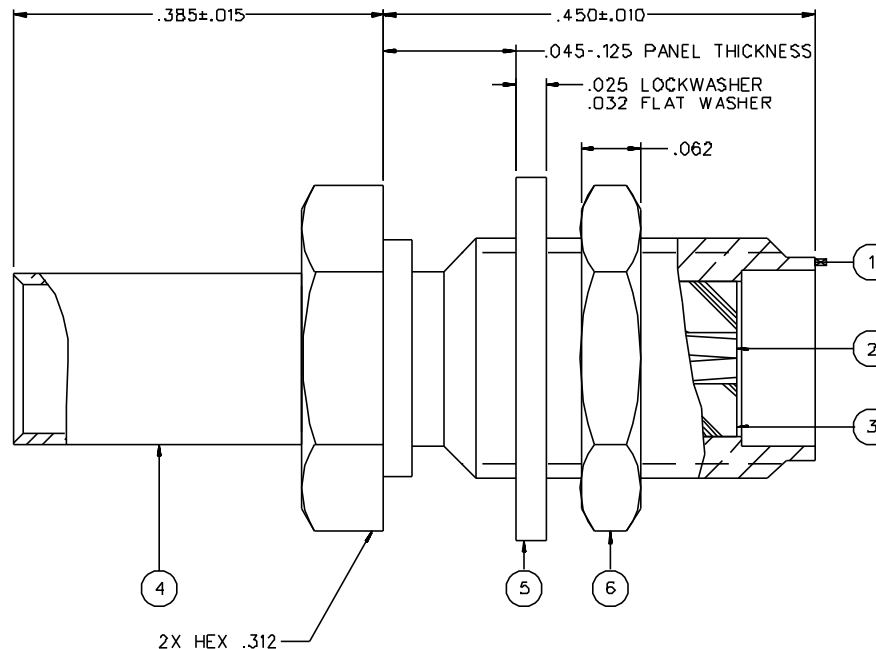


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ CRIMP SLEEVE	ITEM ⑤ WASHER	ITEM ⑥ NUT
142-0304-411	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS (FLAT WASHER) GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-0304-416	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	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	BRASS (FLAT WASHER) NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
142-0304-417	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	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	BRONZE (INTERNAL TOOTH LOCKWASHER) NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

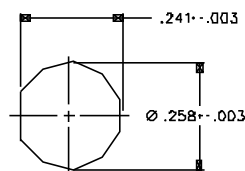
IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-12.4 GHz
 VSWR: 1.15-.02 F MAX (F IN GHz)
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 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 (NICKEL PLATED)
 CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .06 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 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: NOT APPLICABLE
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 6 LBS MIN
 CABLE ACCEPTABILITY: RG 316/U DOUBLE SHIELDED
 RG 188/U DOUBLE SHIELDED
 CABLE HEX CRIMP SIZE: .151
 CONTACT CRIMP TOOL: MIL M22520/1-01
 CABLE RETENTION: 20 LBS MIN AXIAL FORCE
 DURABILITY: 500 CYCLES MIN

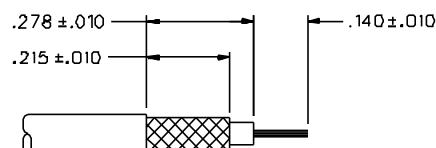
ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B,
 EXCEPT B5 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

DRAWING NO.									
C - 142-0304-411/420									
0	REVISIONS								
ENGINEERING RELEASE									
1	8-7-92	R	H	A	B	C	8-11-92	ECN 41157	
VERSION UPDATE									
1a	4-18-95	R	H	A	B	C	4-26-95	ECN 43196	
ADDED: P/N 142-0304-417									
***** REVISION NUMBER FOLLOWED BY AN ALPHA *****									
***** CHARACTER INDICATES DRAWING CLARIFICATION *****									
***** CATION OR PART NUMBER ADDITION ONLY *****									
1b	5-13-97	R	H	A	B	C	ECN 44727		

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY TAK	DATE 5-14-92	 Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waukegan, IL 60087 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY RJB	DATE 8-7-92		
.XXX REF		APPROVED BY RJB	DATE 8-7-92	TITLE JACK ASSEMBLY, STRAIGHT CABLED BULKHEAD	
MATL		APPROVED BY	DATE	CODE NO.	DRAWING NO.
FINISH		RELEASE DATE	8-11-92	SCALE 10:1	U/N INCH SHEET 2 OF 2