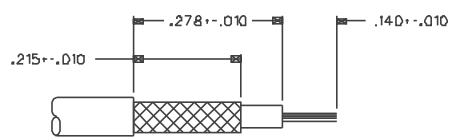
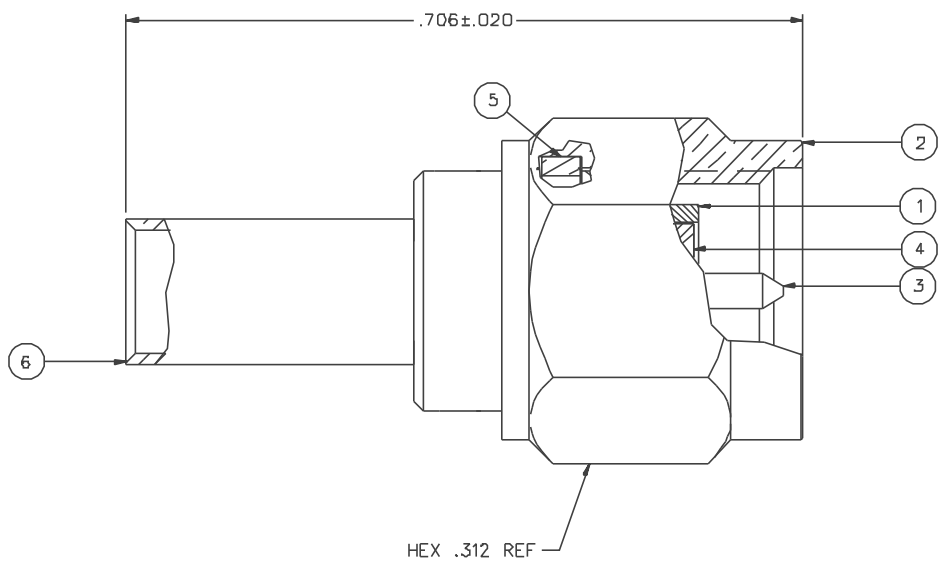


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING	ITEM ⑥ CRIMP SLEEVE
142-0433-011	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-0433-016	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

DRAWING NO. C - 142-0433-011/020	
0	REVISIONS
ENGINEERING RELEASE	
1	4-21-93 R H K B J A 5-26-93 ECN 41679
VERSION UPDATE	
1a	4-20-95 R H K B J A 6-1-95 ECN 43208
VERSION UPDATE	
1b	6-7-00 R A N R 8-2-00 ECN 47094
ADDED: CONTACT CRIMP TOOL P/N'S	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATES DRAWING CLARIF. *	
* CATION OR PART NUMBER ADDITION ONLY. *	
1c	11-9-00 R H K B J A ECN 47322



CABLE STRIP DIMENSIONS

NOTES:

- SPECIFICATIONS:
 - IMPEDANCE: 50 OHMS (MAIN BODY ONLY, USES 75 OHM CABLE)
 - FREQUENCY RANGE: 0-12.4 GHz
 - VSWR: NOT APPLICABLE
 - 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: NOT APPLICABLE
 - RF LEAKAGE: NOT APPLICABLE
 - 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: 15 INCH-POUNDS MIN
 - COUPLING NUT RETENTION: 60 LBS MIN
 - CONTACT RETENTION: 6 LBS MIN
 - CABLE ACCEPTABILITY: RG 179/U, RG 1B7/U
 - CABLE HEX CRIMP SIZE: .12B
 - CONTACT CRIMP TOOL: P/N 144-00DD-91D WITH POSTIONER 141-0000-907
 - 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: ML-STD-202, METHOD 204, CONDITION D
 - MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY JRK	DATE 1-14-93	 Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waukegan, IL 60093 1-800-247-8256	
DECIMALS .XX	CHECKED BY JRK	DATE 4-21-93	TITLE PLUG ASSEMBLY STRAIGHT CABLED SMA, RG 179	
MATL	APPROVED BY JRK	DATE 4-21-93	CODE NO.	DRAWING NO. C - 142-0433-011/020
FINISH	APPROVED BY TAK/RJB	DATE 4-21-93	SCALE 10:1	U/M INCH SHEET 2 OF 2
	RELEASE DATE	5-26-93		