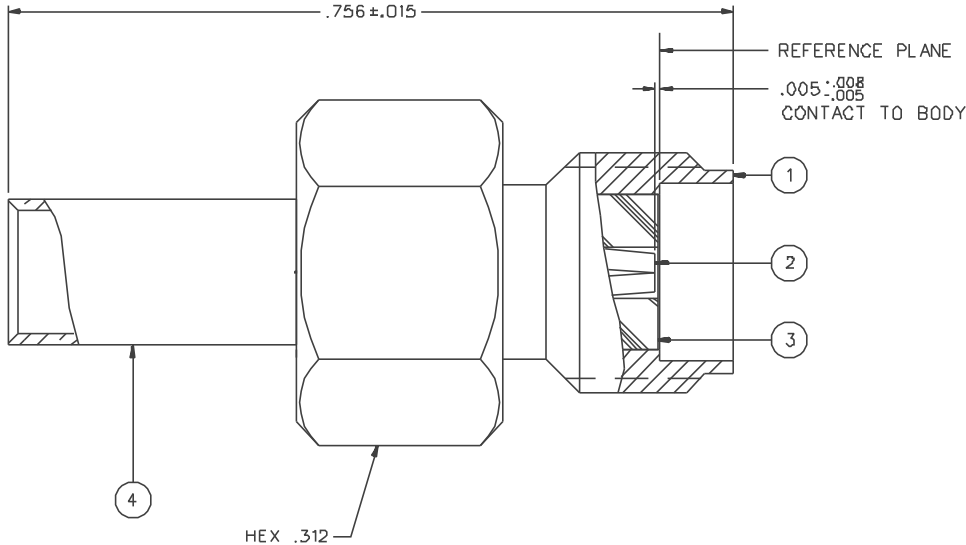


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ CRIMP SLEEVE
142-0333-011	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-0333-016	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



NOTES:

1. SPECIFICATIONS:

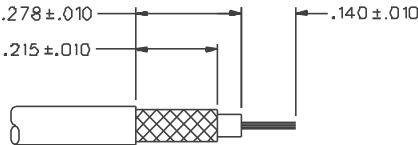
IMPEDANCE: 50 OHMS (MAIN BODY ONLY, USES 75 OHM CABLE)
 FREQUENCY RANGE: 0-12.4 GHz
 VSWR: NOT APPLICABLE
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 3.0 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: NOT APPLICABLE
 COUPLING NUT RETENTION: NOT APPLICABLE
 CONTACT RETENTION: 6 LBS MIN
 CABLE ACCEPTABILITY: RG 179/U, RG 1B7/U
 CABLE HEX CRIMP SIZE: .128
 CONTACT CRIMP TOOL: P/N 144-DDDD-910 WITH POSITIONER 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



CABLE STRIP DIMENSIONS

4:1

DRAWING NO.									
C - 142-0333-011/020									
0	REVISIONS								
ENGINEERING RELEASE									
1	4-8-93	R	H	K	R	N	B	P	5-27-93 ECN 41680
VERSION UPDATE									
1a	2-5-95	R	H	K	R	N	B	P	5-1-95 ECN 43202
VERSION UPDATE									
1b	5-25-00	R	H	K	R	N	B	P	8-2-00 ECN 47108
ADDED: CONTACT CRIMP TOOL P/N'S									
* REVISION NUMBER FOLLOWED BY AN ALPHA *									
* CHARACTER INDICATES DRAWING CLARIF. *									
* CATION OR PART NUMBER ADDITION ONLY. *									
1c	11-7-00	R	H	K	R	N	B	P	ECN 47312

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	 Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MN 56093 1-800-247-8256	
DECIMALS	mm	JRK	1-14-93		
.XX		CHECKED BY	DATE	TITLE	
.XXX REF		JRK	4-16-93		
MATL		APPROVED BY	DATE	JACK ASSEMBLY STRAIGHT CABLED SMA, RG 179	
		JRK	4-16-93		
FINISH		APPROVED BY	DATE	CODE NO.	
		TAK/RJB	4-21-93		
		RELEASE DATE	5-27-93	DRAWING NO.	
				C - 142-0333-011/020	
				SCALE 10:1	U/N INCH SHEET 2 OF 2