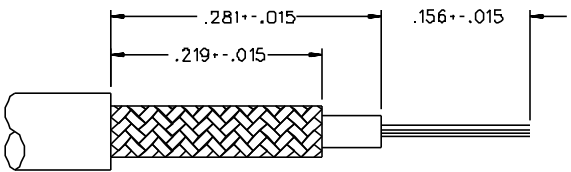
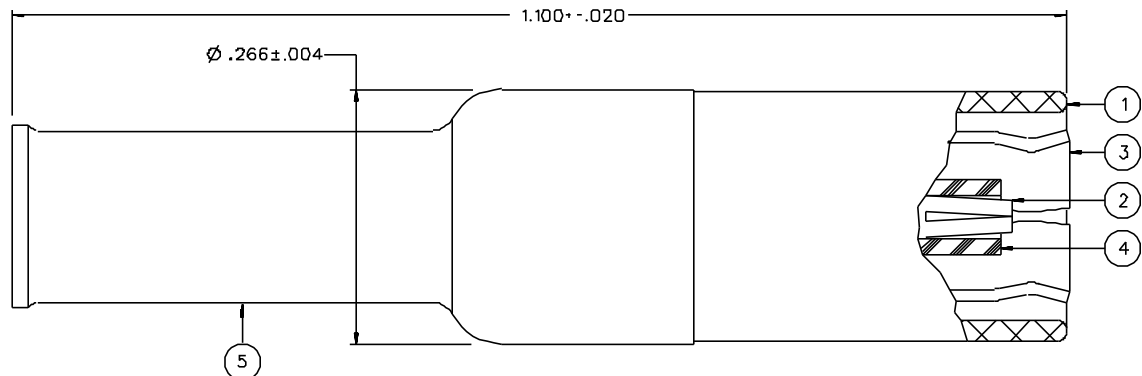


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE
131-1404-001	ZINC GOLD PL .00001 MIN OVER NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 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
131-1404-006	ZINC NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
131-1404-016	ZINC NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



CABLE STRIP DIMENSIONS

NOTES:

- SPECIFICATIONS:
  - IMPEDANCE: 50 OHMS
  - FREQUENCY RANGE: 0-4 GHZ
  - VSWR: 1.25-.04 F (F IN GHZ) (50 OHM CABLE ONLY)
  - WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
  - DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
  - INSULATION RESISTANCE: 1000 MEGOHM MIN
  - CONTACT RESISTANCE:
    - CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
    - OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX, NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
    - BRAID TO BODY - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE, NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
  - CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
  - INSERTION LOSS: .30 DB MAX AT 1.5 GHZ (50 OHM CABLE ONLY)
  - RF LEAKAGE: -.55 DB MIN AT 2.5 GHZ (50 OHM CABLE ONLY)
  - RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS MIN AT 4 AND 7 MHZ
- MECHANICAL:
  - ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX, ENGAGEMENT/2 LBS MIN DISENGAGEMENT
  - MATING TORQUE: NOT APPLICABLE
  - COUPLING PROOF TORQUE: NOT APPLICABLE
  - COUPLING NUT RETENTION: NOT APPLICABLE
  - CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
  - CABLE ACCEPTABILITY: RG 316/U DOUBLED SHIELDED, RG 179 DOUBLE SHIELDED, RG 188/U DOUBLED SHIELDED, RG 187 DOUBLE SHIELDED
  - CABLE HEX CRIMP SIZE: .151
  - CONTACT CRIMP TOOL: JCI PART NUMBER 141-0000-911
  - CABLE RETENTION: 20 LBS MIN OR CABLE BREAKING STRENGTH
  - DURABILITY: 500 CYCLES MIN
- ENVIRONMENTAL:
  - (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
  - THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
  - OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
  - CORROSION: MIL-STD-202, METHOD 101, CONDITION B
  - SHOCK: MIL-STD-202, METHOD 213, CONDITION B
  - VIBRATION: ML-STD-202, METHOD 204, CONDITION B


DRAWING NO. C - 131-1404-001/020			
0 REVISIONS			
ENGINEERING RELEASE			
1	2-2-92	R H L W	2-11-92 ECO 40886
ADDED: (50 OHM CABLE ONLY) TO VSWR, INSERTION LOSS AND RF LEAK SPECS. "GOLD PLATED INITIAL" TO NICKEL PLATED INITIAL. " TO BRAID TO BODY RG 179 DS AND RG 187 DS TO CABLE ACCEPTABILITY. CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ			
2	3-30-93	R H L W	4-14-93 ECO 41741
VERSION UPDATE			
3	4-28-95	R H L W	5-15-95 ECN 43342
CHANGED: ITEM 2 CONTACT WAS BRASS ADDED: CRIMP TOOL NOTE			
4	9-20-97	R H L W	ECN 44961
VERSION UPDATE			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLARIFICATION *			
* CATION OR PART NUMBER ADDITION ONLY *			
4a	2-12-98	R H L W	ECN 45215

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSIZ 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RJB	DATE 1-22-92	 <small>           Cinch Connectivity Solutions            299 Johnson Ave. Ste. 100            Waseca, MN 56093            1-800-247-8256         </small>	
DECIMALS .XX	CHECKED BY	DATE	TITLE PLUG ASSEMBLY STRAIGHT CABLED SMB, 50 OHM, RG 316 DS	
XXX	APPROVED BY RJB	DATE 2-3-92	CODE NO.	DRAWING NO. C - 131-1404-001/020
MATL	APPROVED BY	DATE	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	2-11-92		