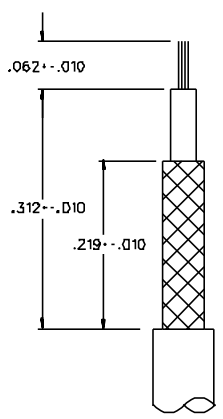
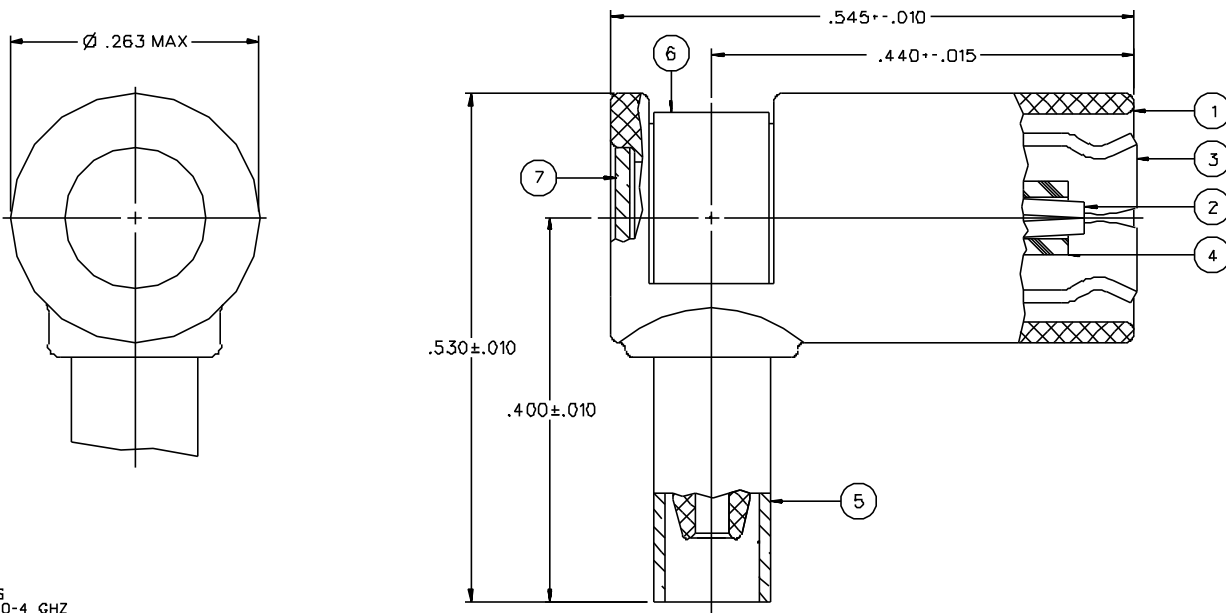


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ SLEEVE	ITEM ⑥ COVER RING	ITEM ⑦ END CAP
131-1402-1D1	ZINC GOLD PL .00001 MIN OVER NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM 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	PHOSPHOR BRONZE 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
131-1402-1D6	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	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
131-1402-116	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	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

DRAWING NO. C - 131-1402-101/120			
0 REVISIONS			
ENGINEERING RELEASE			
5	8-3-90	J A B	8-7-90 ECN 24802
CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLARIFY *			
* CATION OR PART NUMBER ADDITION ONLY *			
5a	4-22-94	R H K	5-10-94 ECN 42367
VERSION UPDATE			
6	5-18-95	R H K	ECN 43336



CABLE STRIP DIMENSIONS

NOTES:

- SPECIFICATIONS:
  - IMPEDANCE: 50 OHMS
  - FREQUENCY RANGE: 0-4 GHZ
  - VSWR: 1.45-.06 F (F IN GHZ)
  - WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
  - DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
  - INSULATION RESISTANCE: 1000 MEGOHM MIN
  - CONTACT RESISTANCE:
    - CENTER CONTACT - INITIAL 12 MILLIOHM MAX, AFTER ENVIRONMENTAL 16 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: 185 VOLTS MIN AT 70,000 FEET
  - INSERTION LOSS: .60 dB MAX AT 1.5 GHZ
  - RF LEAKAGE: -.55 dB MIN AT 2.5 GHZ
  - RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 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 17B/U, RG 196/U
  - CABLE HEX CRIMP SIZE: .105
  - CABLE RETENSION: 10 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: MIL-STD-202, METHOD 204, CONDITION B

CUSTOMER DRAWING

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

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 8-3-90	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	CHECKED BY	DATE	TITLE PLUG ASSEMBLY RA CABLED SMB, 50 OHM, RG 17B	
.XXX	APPROVED BY RJB	DATE 8-6-90	CODE NO.	DRAWING NO. C - 131-1402-101/120
W/TL	APPROVED BY	DATE	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	DATE	B-7-90	