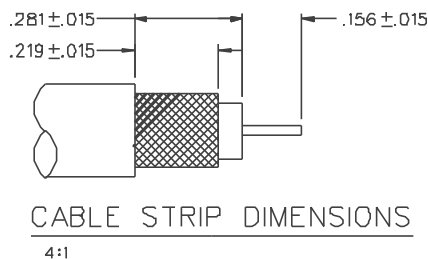
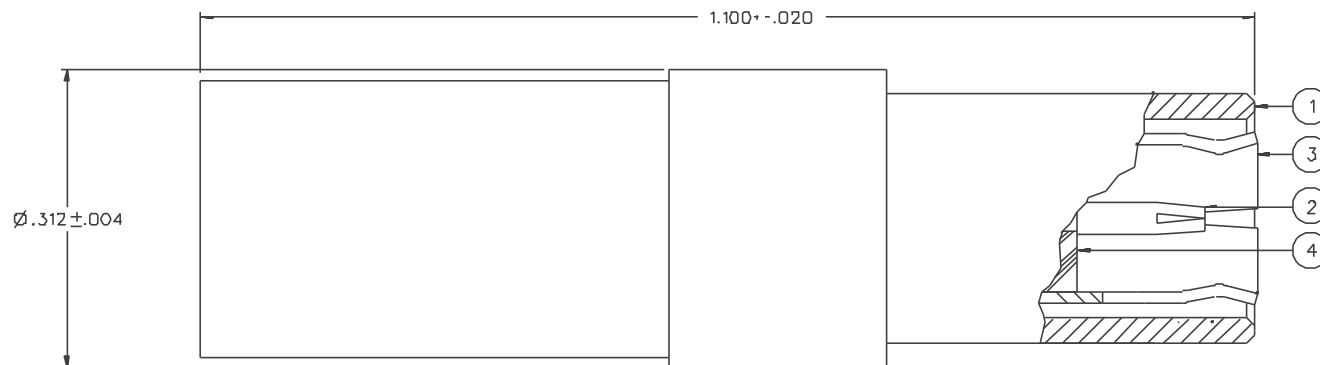


| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INTERFACE | ITEM ④ INSULATOR | ITEM ⑤ CRIMP SLEEVE |
|--------------|---|--|--|---------------------|--|
| 131-B409-001 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | 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-B409-006 | BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 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 |

| | |
|-------------------------------------|-------------|
| DRAWING NO. C - 131-8409-001/010 | |
| 0 | REVISIONS |
| ENGINEERING RELEASE | |
| 1 | 7-23-97 R H |
| | ECN 44831 |



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 75 OHMS
 FREQUENCY RANGE: 0-2 GHZ
 VSWR: 1.25±.04 F (F IN GHZ)
 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 - INITIAL 1 MILLIOHM MAX (GOLD PLATED); 2.5 MILLIOHM MAX (NICKEL PLATED) AFTER ENVIRONMENTAL NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .30 DB MAX AT 1.5 GHZ
 RF LEAKAGE: -55 DB MIN AT 2 GHZ
 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 59/U

CABLE HEX CRIMP SIZE: .255
 CABLE RETENTION: 40 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

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| | | | | |
|--------------------------------------|--------------------|-----------------|---|-------------------------------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY RJB | DATE 6-6-97 |  <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, MINI-75 OHM SMB, RG 59 | |
| MATL | APPROVED BY RJB | DATE 7-24-97 | | |
| FINISH | APPROVED BY | DATE | CODE NO. | DRAWING NO. C - 131-8409-001/010 |
| | RELEASE DATE | | SCALE 10:1 | U/M INCH SHEET 2 OF 2 |