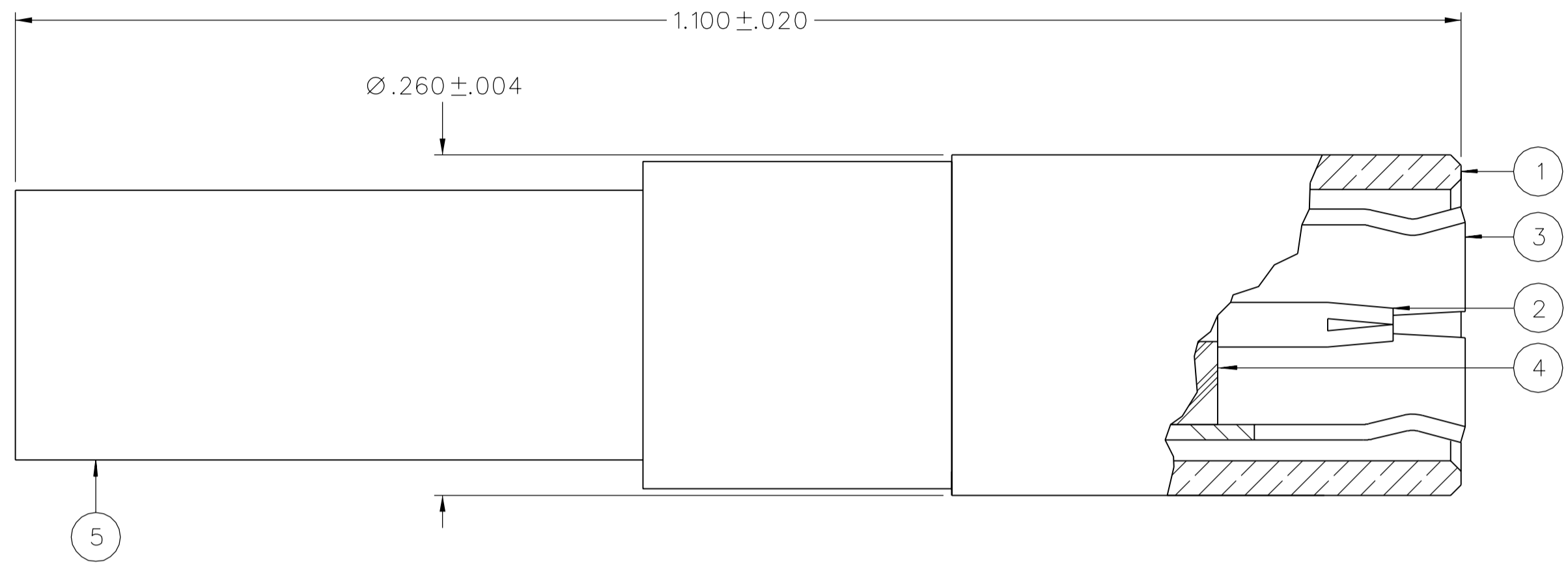


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE
131-8445-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 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
131-8445-006	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 - 131-8445-001/010

0	REVISIONS
ENGINEERING RELEASE	
1	11-29-00 R _H R _J ECN 47431
.156±.020 WAS .156±.015, ADD: .235±.020, .437±.020, REMOVED: .281±.015, .219±.015	
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *	
1a	3-30-08 P _A C _S R _J M _J J _C N 4-15-08 ECN 51391



NOTES:

1. SPECIFICATIONS:

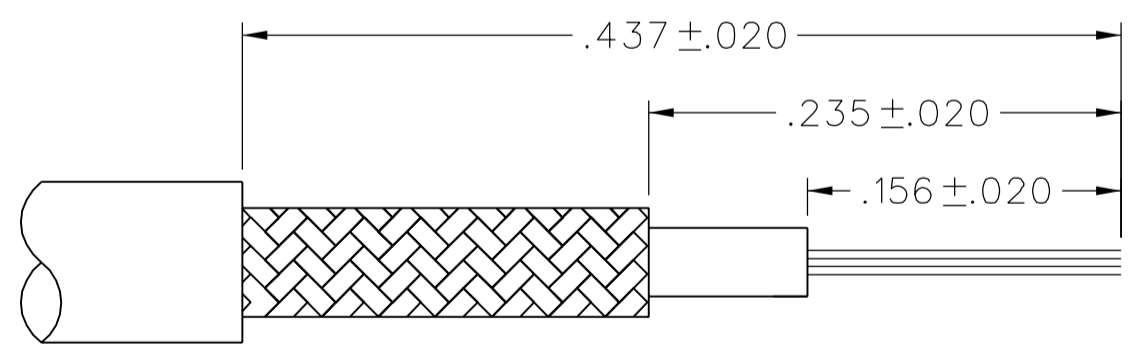
IMPEDANCE: 75 OHMS
 FREQUENCY RANGE: 0-2 GHZ
 VSWR: 1.25+.04 F (F IN GHZ)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 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: BELDEN 735A, BT3002, TZC75024

CABLE HEX CRIMP SIZE: .178
 CABLE RETENTION: 20 LBS MIN OR CABLE BREAKING STRENGTH
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:



CABLE STRIP DIMENSIONS

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-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

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY KAS	DATE 5-3-00
DECIMALS _____ mm _____	CHECKED BY TAK	DATE 11-30-00
.XX _____	APPROVED BY RJB	DATE 12-1-00
.XXX _____	RELEASE DATE 12-1-00	
MATL _____	U/M INCH	SCALE 10:1
FINISH _____		

cinch Connectivity Solutions
 P.O. Box 1732
 Waseca, MN 56093
 1-800-247-8256

TITLE
 PLUG ASSEMBLY,
 STRAIGHT CABLED,
 MINI-75 OHM SMB, BELDEN 735A