PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	PACKAGING
142-0751-871	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00001-.00002 OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BULK PACK 25 PCS
142-0751-872	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00001-.00002 OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TAPE AND REEL 475 PCS. PER FIG 1

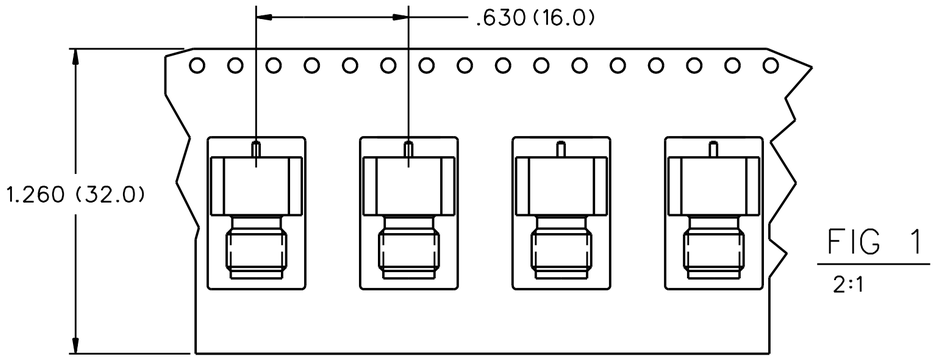
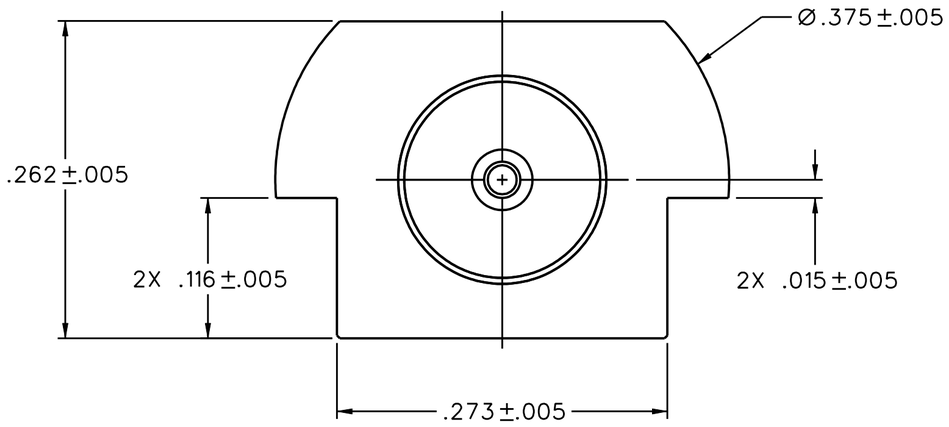
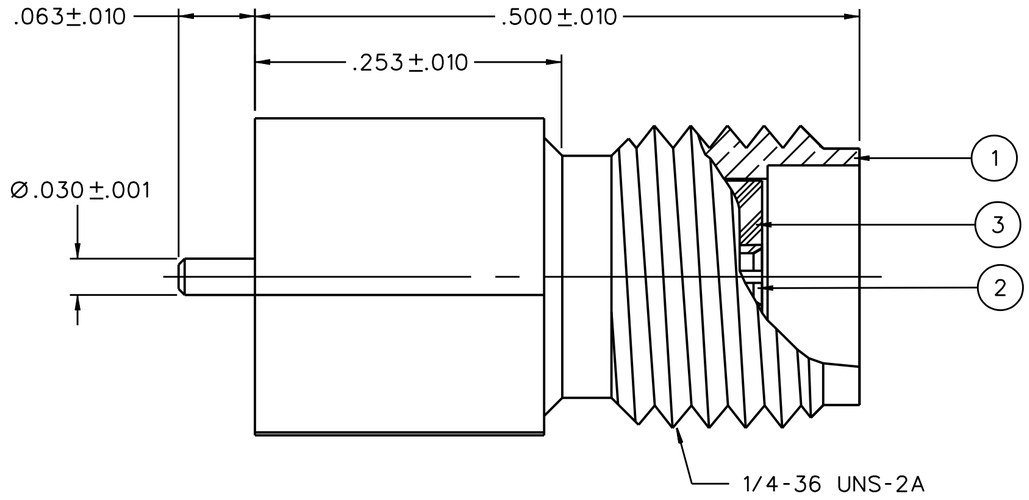


FIG 1
2:1





NOTE: TO INSURE THAT NO DAMAGE TO THE CONNECTOR-TO-BOARD SOLDER JOINT OCCURS, IT IS RECOMMENDED THAT A WRENCH BE USED TO SECURE THE CONNECTOR BODY AND THAT A MAXIMUM OF 8 INCH-POUNDS OF TORQUE BE APPLIED TO THE MATING CONNECTOR COUPLING NUT.

NOTES:

1. SPECIFICATIONS:

   IMPEDANCE: 50 OHMS
   FREQUENCY RANGE: 0-18 GHz
   VSWR: NOT APPLICABLE
   WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
   DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
   INSULATION RESISTANCE: 5000 MEGOHM MIN
   CONTACT RESISTANCE:
      CENTER CONTACT - INITIAL 3 MILLIOHM MAX, AFTER ENVIRONMENTAL 4 MILLIOHM MAX
      OUTER CONDUCTOR - INITIAL 2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
      BRAID TO BODY - NOT APPLICABLE
   CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
   INSERTION LOSS: NOT APPLICABLE
   RF LEAKAGE: NOT APPLICABLE
   RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHZ

   MECHANICAL:

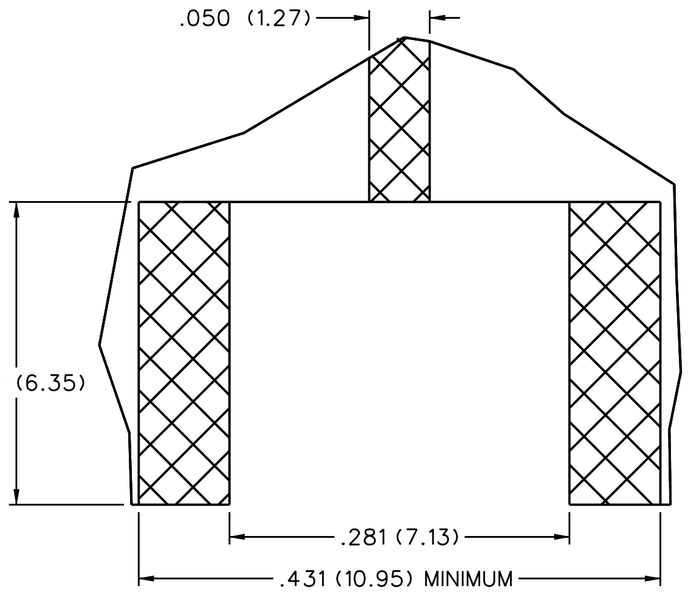
   ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
   MATING TORQUE: 7-10 INCH POUNDS MAX
   COUPLING PROOF TORQUE: 15 INCH POUNDS MAX
   COUPLING NUT RETENTION: NOT APPLICABLE
   CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
   CABLE ACCEPTABILITY: NOT APPLICABLE
   CABLE HEX CRIMP SIZE: NOT APPLICABLE
   CABLE RETENTION: NOT APPLICABLE
   DURABILITY: 500 CYCLES MIN

   ENVIRONMENTAL:

   (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 I
   VIBRATION: MIL-STD-202, METHOD 204, CONDITION D

2. PLATING THICKNESS MEASURED ON BODY TOP SURFACE AND CONTACT .030 DIAMETER.

RECOMMENDED LAND PATTERN*



* NOTE: THIS PATTERN IS FOR REFERENCE ONLY. PATTERN MAY VARY DEPENDING ON ASSEMBLY PROCESS OR SPECIFIC ELECTRICAL OR MECHANICAL REQUIREMENTS.

DRAWING NO.
C – 142-0751-871/880

0	REVISIONS
ENGINEERING RELEASE	
1	5-12-04 RJB — 5-25-04 ECN 49301
GOLD PL .00001-.00002 WAS GOLD PL .00005 MAX, ADD: NOTE PLATING THICKNESS MEASURED ON BODY TOP	
2	6-6-08 PAT RJB MJU BLF JCN — 6-12-08 ECN 51534

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	RJB	5-12-04
.XX		CHECKED BY	DATE
.XXX			
MATL		APPROVED BY RJB	DATE 5-25-04
FINISH		RELEASE DATE	5-25-04
		U/M INCH	SCALE 10:1

cinch CONNECTIVITY SOLUTIONS a bel group
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
JACK ASSEMBLY
SURFACE MOUNT END LAUNCH
SMA

SHEET 2 OF 2

DRAWING NO.
C – 142-0751-871/880

Please read our datasheet & drawing disclaimer here.