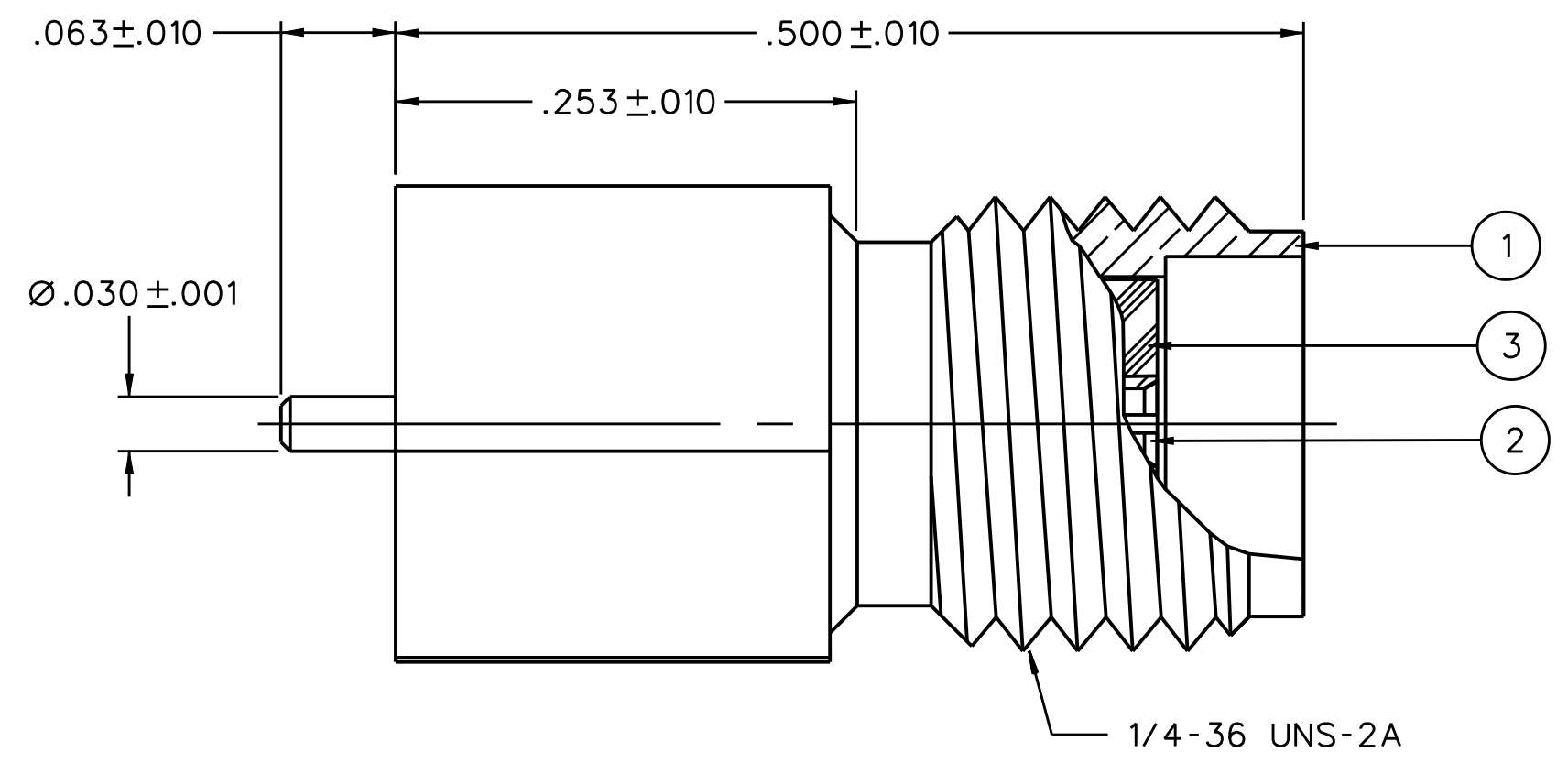
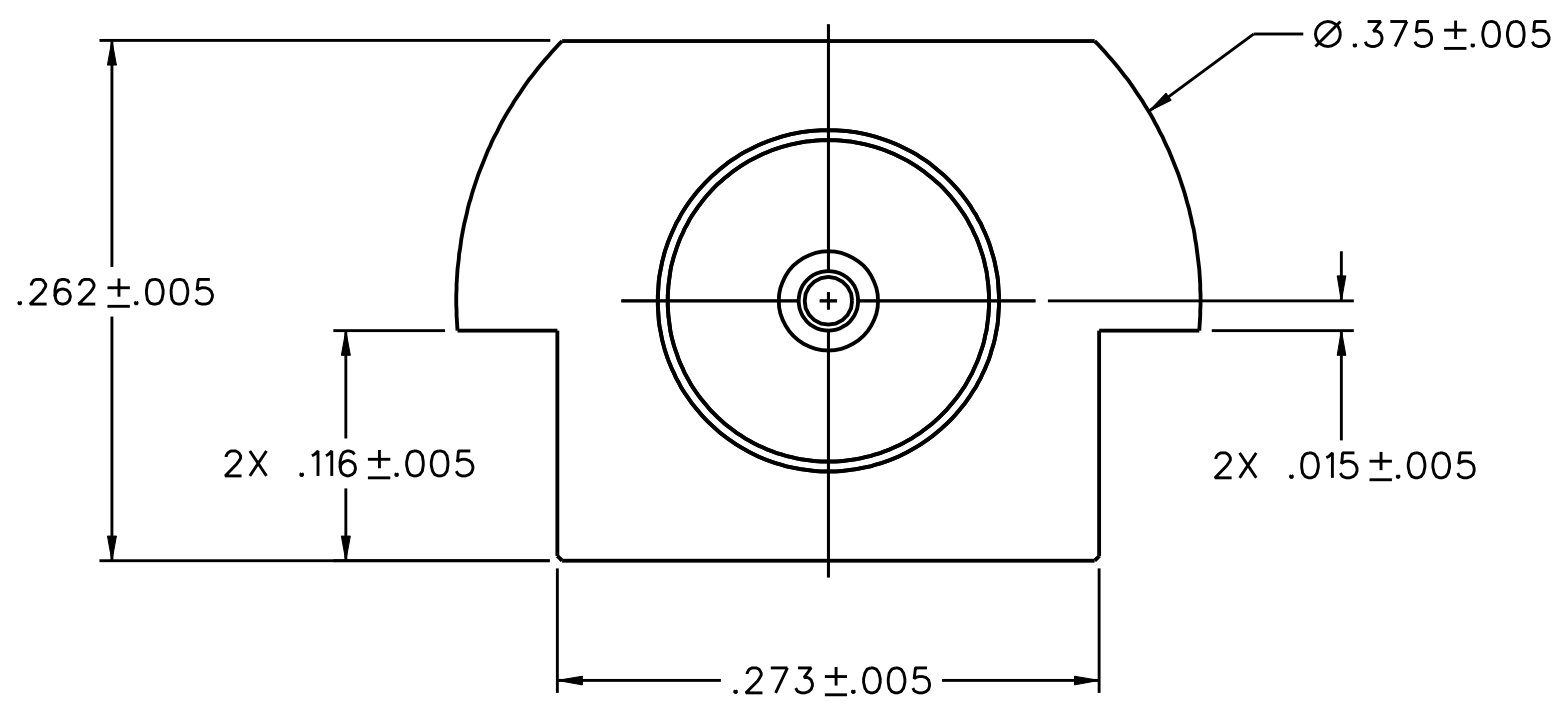
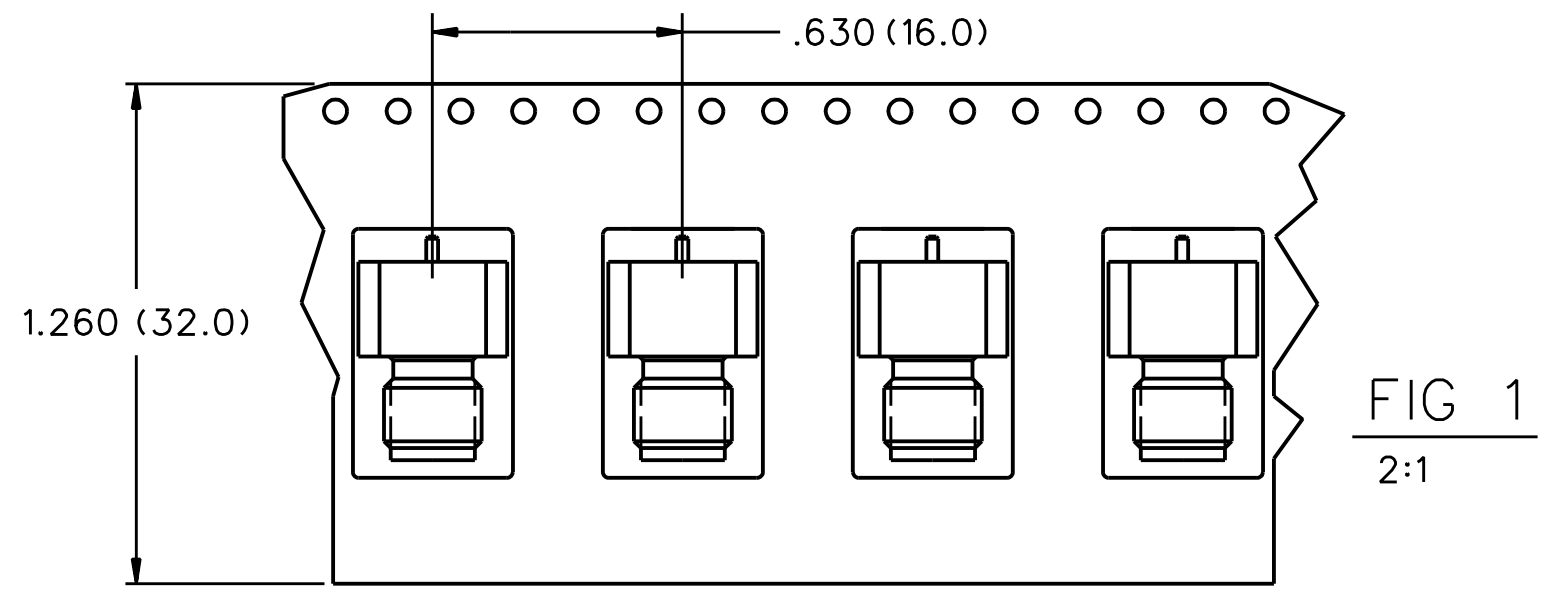


DRAWING NO.		C - 142-0751-871/880	
0		REVISIONS	
ENGINEERING RELEASE			
1	5-12-04	RJB	5-25-04 ECN 49301
GOLD PL .00001-.00002 WAS GOLD PL .00005 MAX, ADD: NOTE PLATING THICKNESS MEASURED ON BODY TOP			
2	6-6-08	PAT	6-12-08 ECN 51534

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

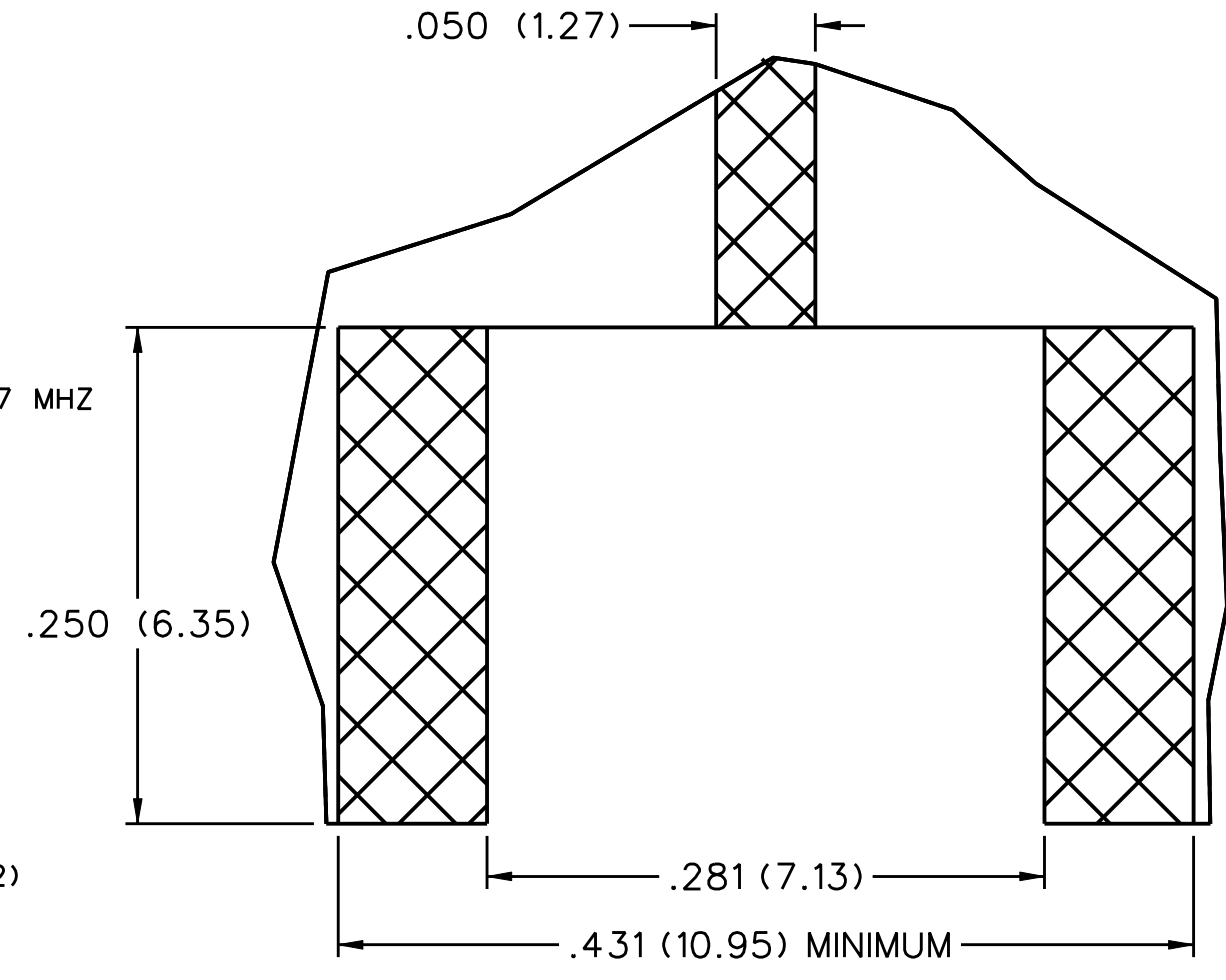


NOTE: TO INSURE THAT NO DAMAGE TO THE CONNECTOR-TO-BOARD SOLDER JOINT OCCURS, IT IS RECOMMENDED THAT A WRENCH BE USED TO SECURE THE CONNECTOR BODY AND THAT A MAXIMUM OF 8 INCH-POUNDS OF TORQUE BE APPLIED TO THE MATING CONNECTOR COUPLING NUT.

NOTES:

- 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 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


RECOMMENDED LAND PATTERN *



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

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

CUSTOMER DRAWING
THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994
"μSTATION"
COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RJB	DATE 5-12-04	 cinch CONNECTIVITY SOLUTIONS a bel group	P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS mm	CHECKED BY	DATE		TITLE JACK ASSEMBLY SURFACE MOUNT END LAUNCH SMA
.XX _____			APPROVED BY RJB	DATE 5-25-04
.XXX _____			RELEASE DATE	5-25-04
MATL _____			U/M INCH	SCALE 10:1
FINISH _____			SHEET 2 OF 2	DRAWING NO. C - 142-0751-871/880