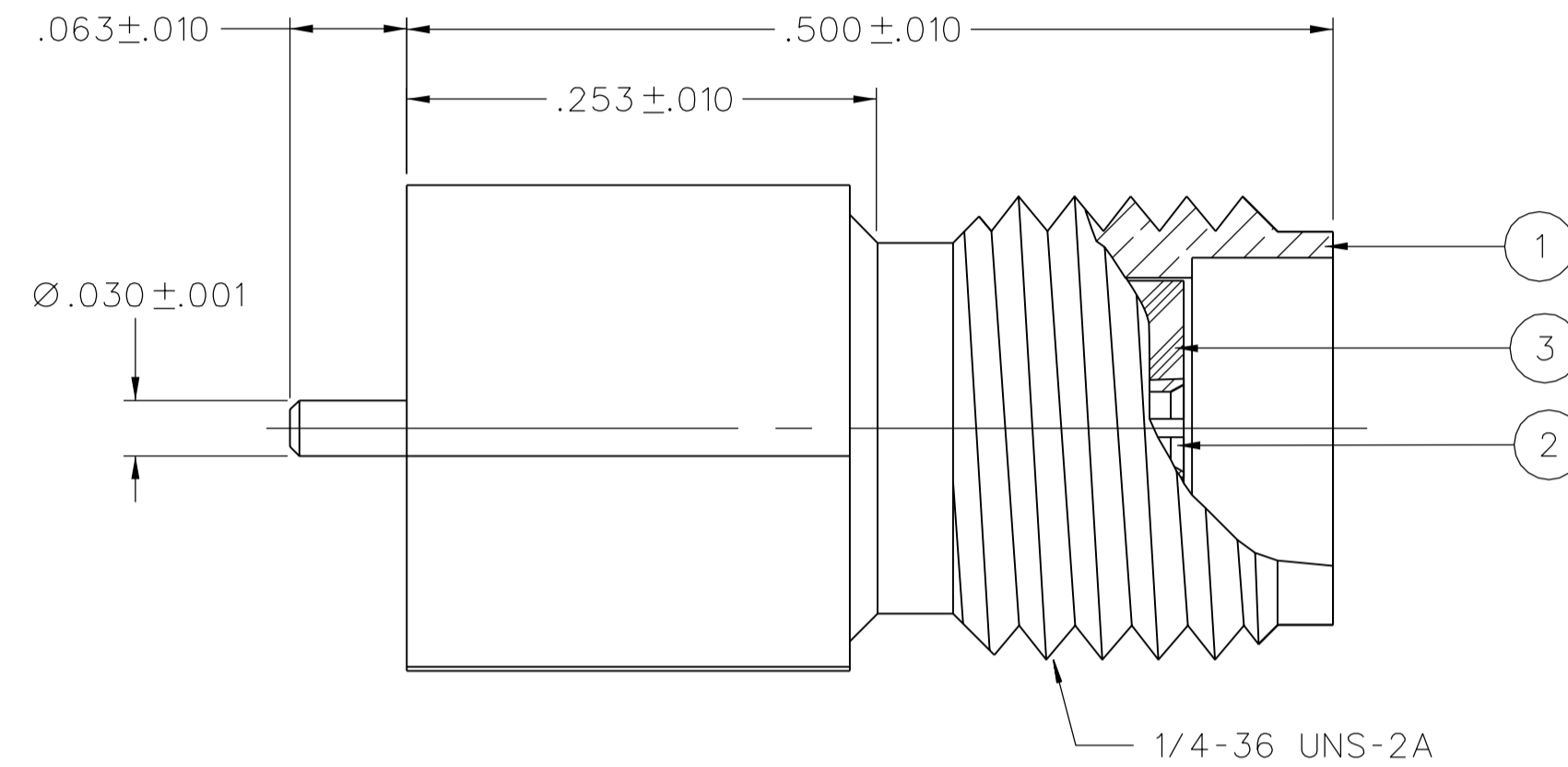
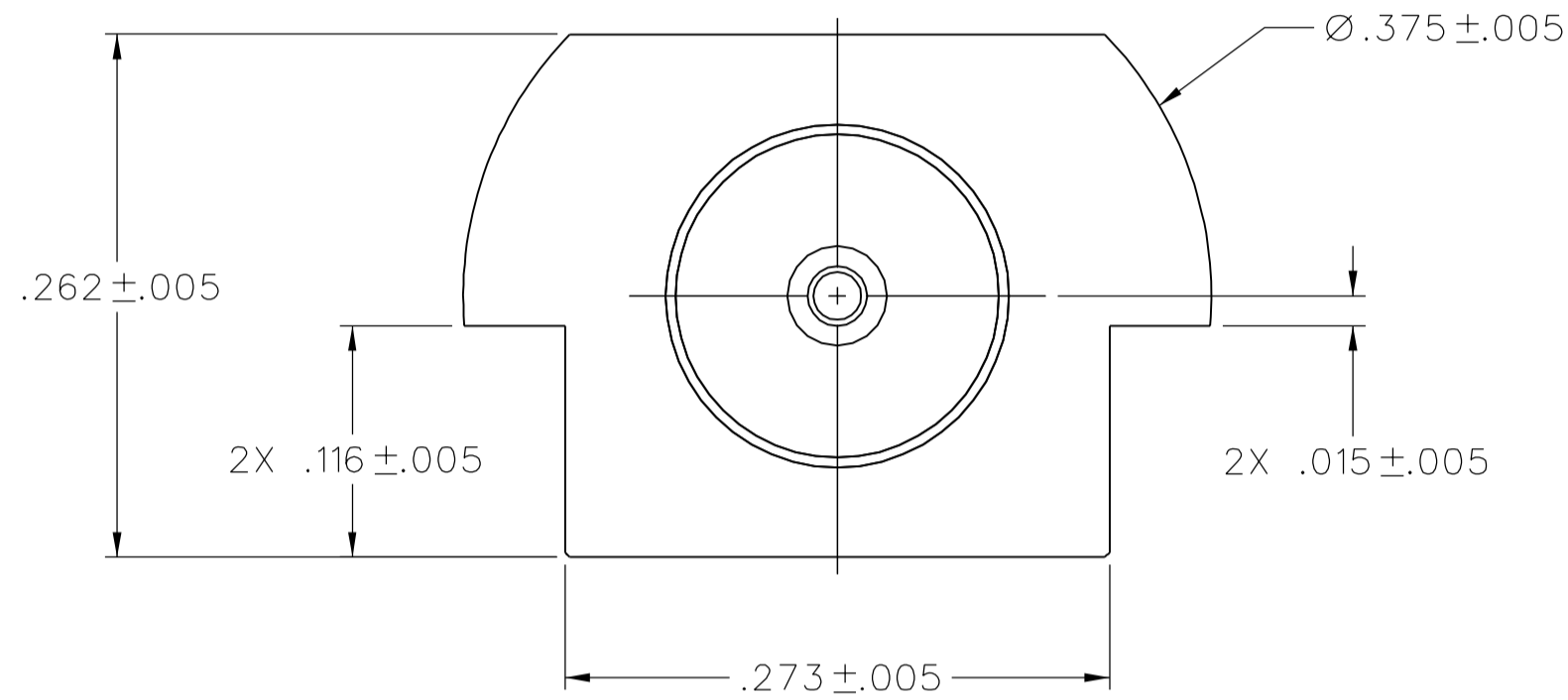
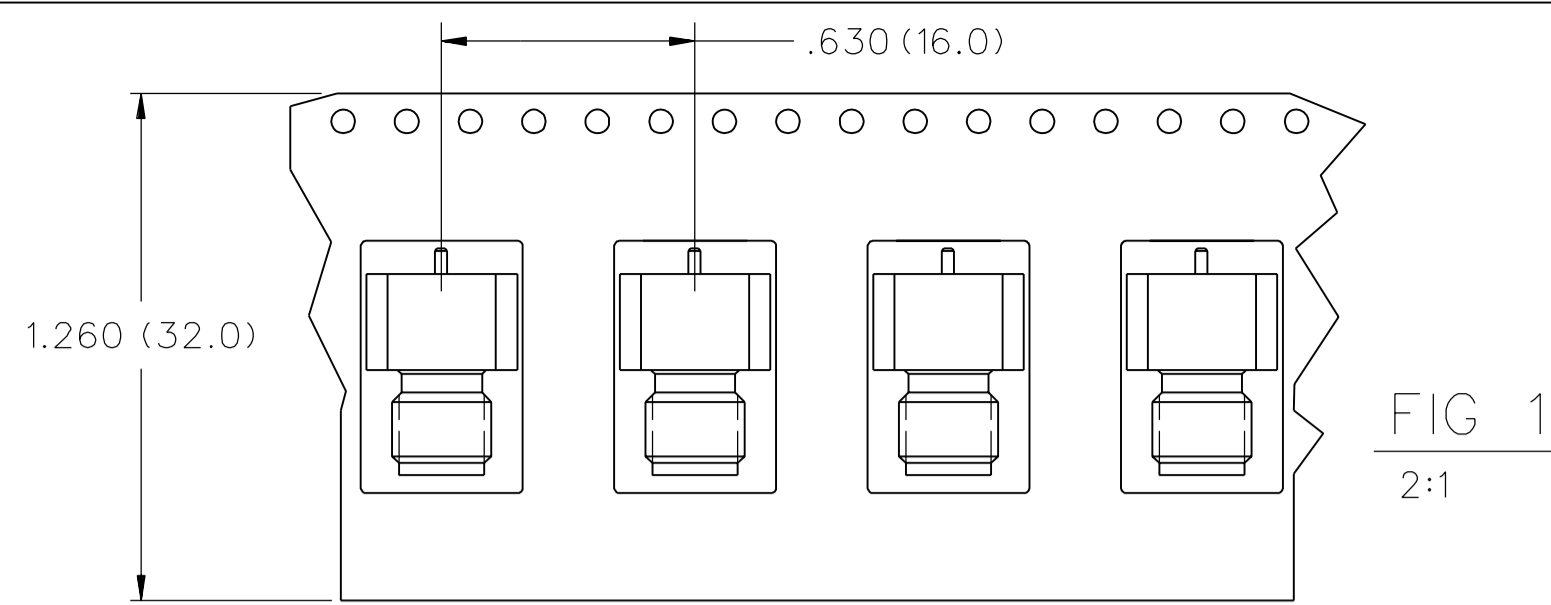


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	PACKAGING
142-0751-871	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00001-.00002 OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BULK PACK 25 PCS
142-0751-872	BRASS GOLD PL .00001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

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:

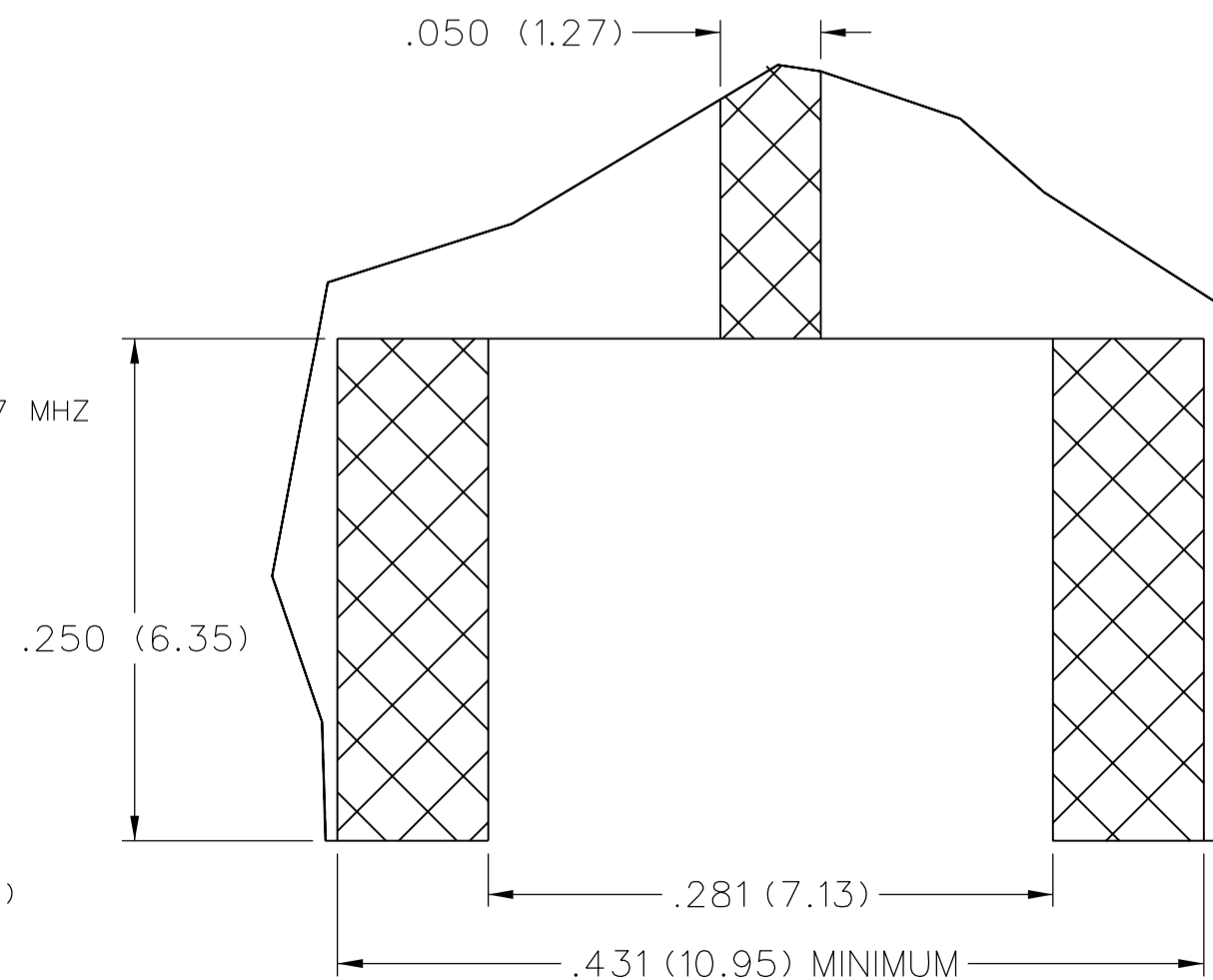
ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX  
 MATING TORQUE: 7-10 INCH POUNDS MAX  
 COUPLING PROOF TORQUE: 15 INCH POUNDS MAX  
 COUPLING NUT RETENTION: NOT APPLICABLE  
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE  
 CABLE ACCEPTABILITY: NOT APPLICABLE  
 CABLE HEX CRIMP SIZE: NOT APPLICABLE  
 CABLE 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 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 RJB	DATE 5-12-04
DECIMALS	CHECKED BY	DATE
.XX		
.XXX	APPROVED BY RJB	DATE 5-25-04
MATL	RELEASE DATE	5-25-04
FINISH	U/M	INCH
	SCALE	10:1



TITLE  
JACK ASSEMBLY  
SURFACE MOUNT END LAUNCH  
SMA

SHEET 2 OF 2	DRAWING NO. C - 142-0751-871/880
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