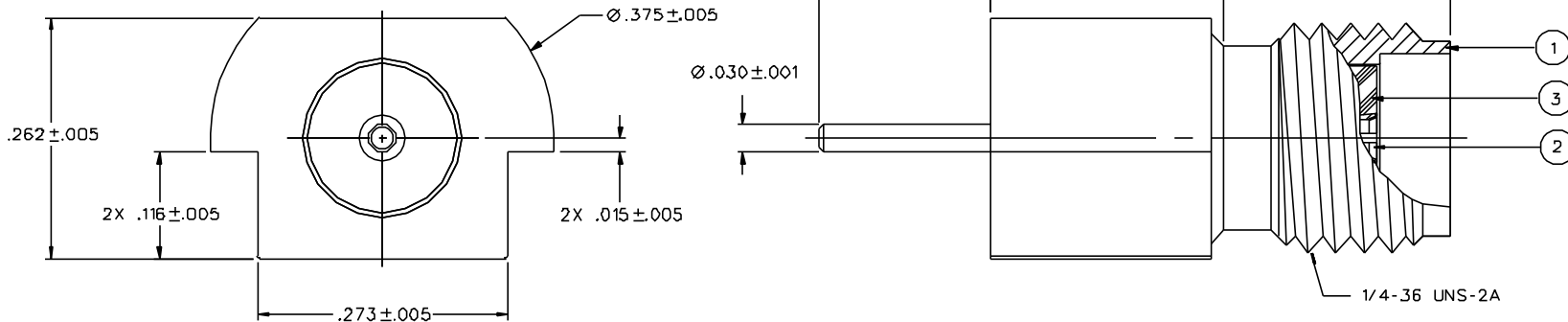
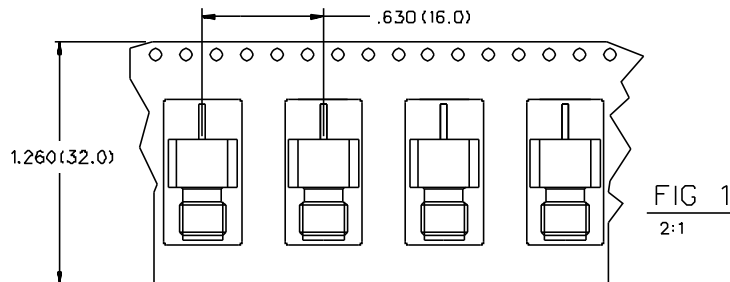


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	PACKAGING
142-0721-BB1	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MAX OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BULK PACK 25 PCS
142-0721-BB2	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MAX 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

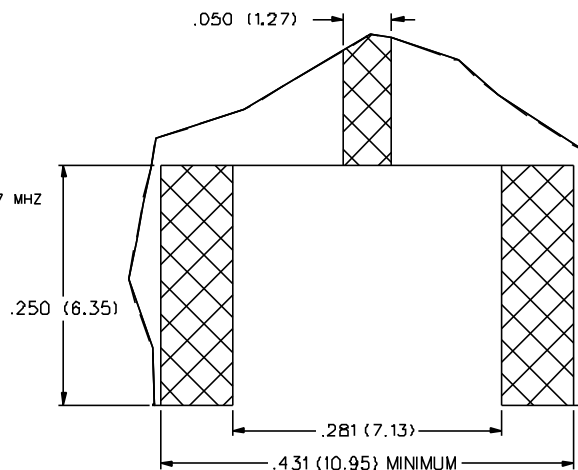
MECHANICAL:

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-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 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.

DRAWING NO.	
C - 142-0721-881/890	
0	REVISIONS
ENGINEERING RELEASE	
1	2-15-00 R H K T R G ECN 46963

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY KAS	DATE B-25-99		299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	CHECKED BY KAS	DATE 2-15-00		TITLE JACK ASSEMBLY SURFACE MOUNT END LAUNCH SMA	CODE NO.
.XXX	APPROVED BY TAK	DATE 2-15-00		SCALE 10:1	U/M INCH SHEET 2 OF 2
MATL	APPROVED BY RJB	DATE 2-15-00			
FINISH	RELEASE DATE				