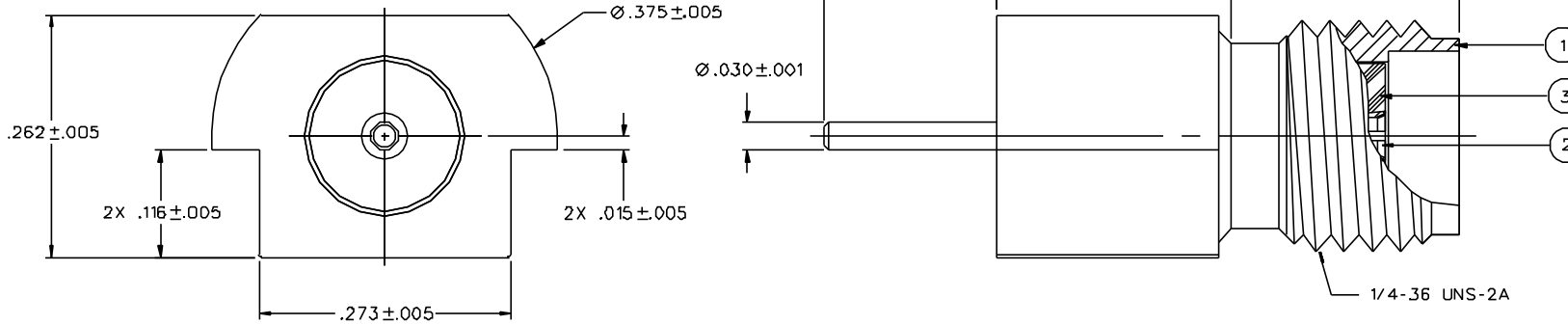
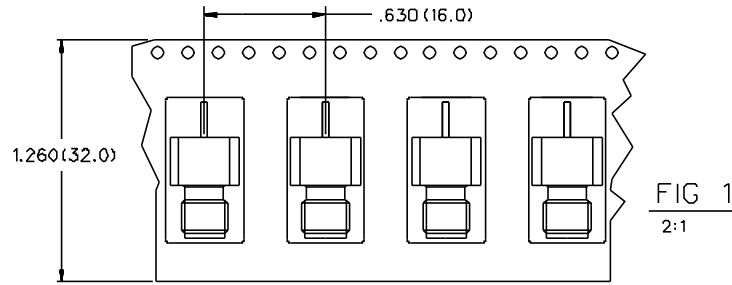


| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INSULATOR | PACKAGING |
|--------------|---|--|---------------------|---------------------------------------|
| 142-0721-BB1 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00005 MAX OVER 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

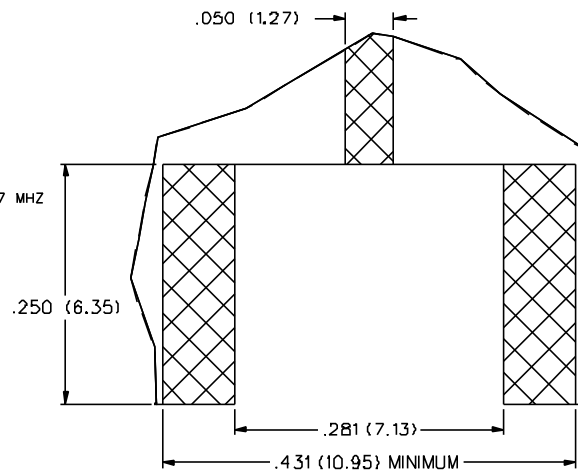
MECHANICAL:

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 45963 |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

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| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY KAS | DATE B-25-99 | JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 01603 1-800-247-8256 |
| DECIMALS .XX | CHECKED BY KAS | DATE 2-15-00 | |
| XXX | APPROVED BY TAK | DATE 2-15-00 | TITLE JACK ASSEMBLY SURFACE MOUNT END LAUNCH SMA |
| MATL | APPROVED BY RJB | DATE 2-15-00 | CODE NO. |
| FINISH | RELEASE DATE | | DRAWING NO. C - 142-0721-881/890 |
| | | | SCALE 10:1 U/M INCH SHEET 2 OF 2 |