PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	PACKAGING
142-0721-881	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
142-0721-882	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

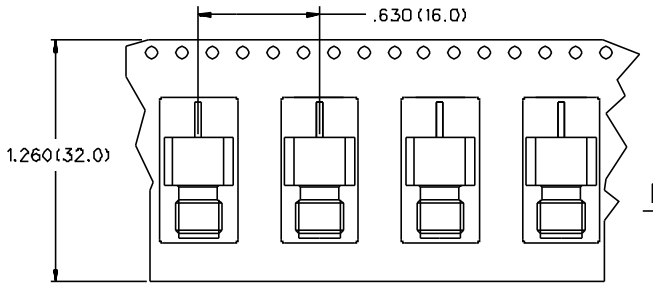
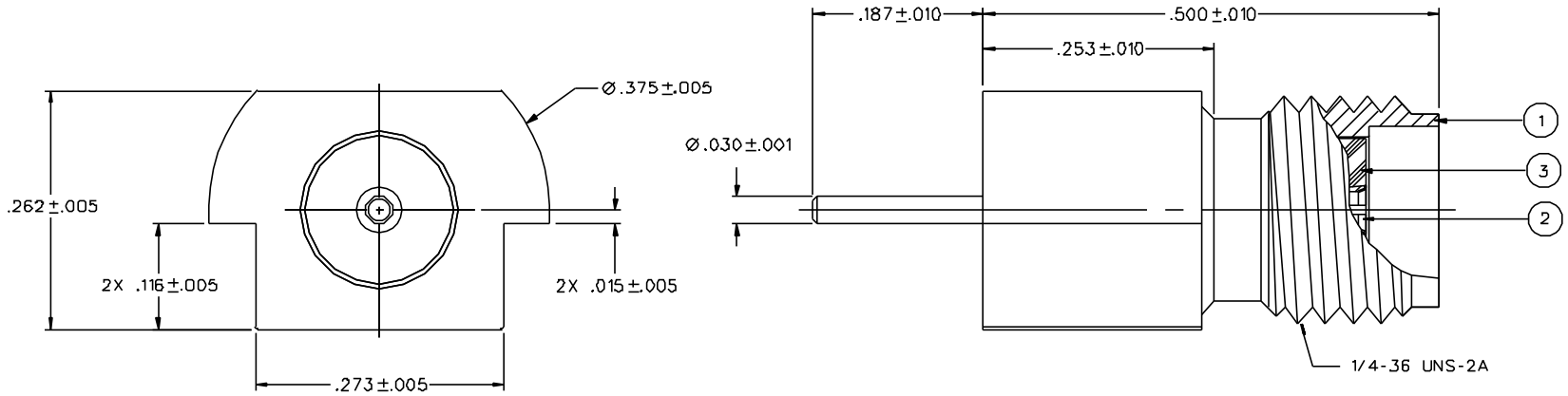


FIG 1
2:1



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

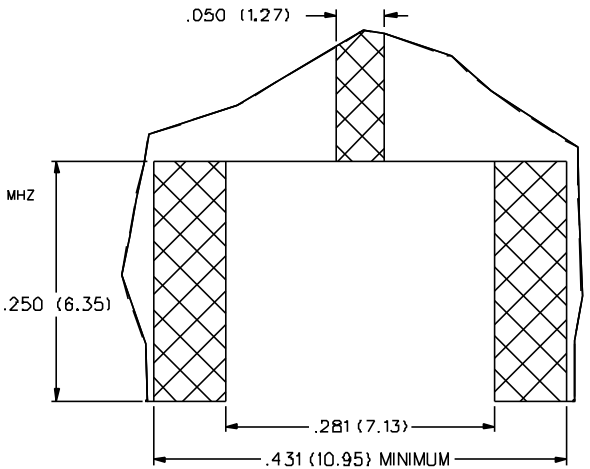
MECHANICAL:

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-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	RH	KI	RH

ECN 45963

CUSTOMER DRAWING

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

"μSTATION"

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TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY KAS	DATE 8-25-99	JOHNSON — Cinch Connectivity Solutions, 299 Johnson Ave, Ste. 100, Waseca, MN 56093, 1-800-247-8256
DECIMALS .XX ——— mm .XXX ——— ———	CHECKED BY KAS	DATE 2-15-00	TITLE: JACK ASSEMBLY SURFACE MOUNT END LAUNCH SMA
MATL	APPROVED BY TAK	DATE 2-15-00	CODE NO.
FINISH	APPROVED BY RJB	DATE 2-15-00	DRAWING NO. C - 142-0721-881/890
	RELEASE DATE		SCALE 10:1 · U/M INCH · SHEET 2 OF 2

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