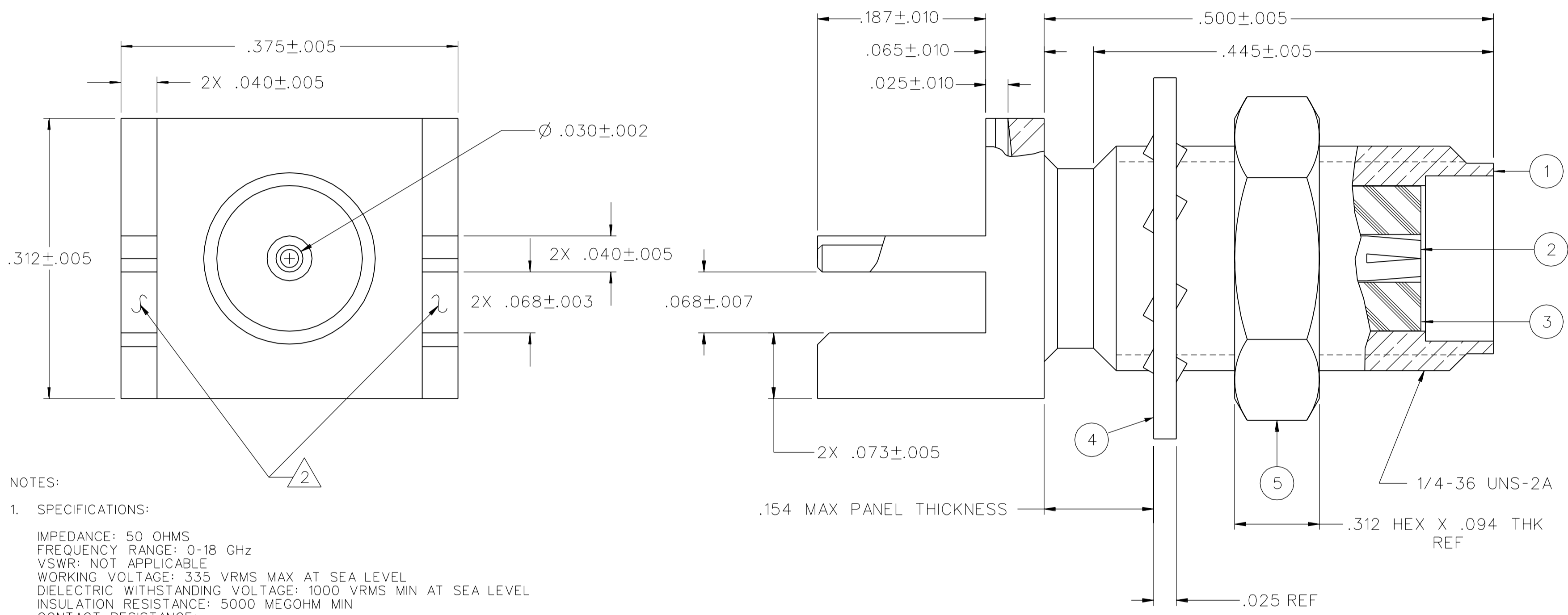


PART NUMBER 142-0721-801	ITEM ① BODY BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ② CONTACT BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ③ INSULATOR TEFLON	ITEM ④ LOCKWASHER PHOSPHOR BRONZE GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ⑤ NUT BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
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DRAWING NO.
C - 142-0721-801/810

0	REVISIONS	
ENGINEERING RELEASE		
1	8-28-96	RH JK TAK JBA 9-19-96 ECN 44258
CHANGED: .500±.005 WAS .435±.005 .445±.005 WAS .380±.005		
2	8-18-97	RH JK TAK JBA ECN 44782
PHOSPHOR BRONZE WAS BRASS ADDED: .025 REF, LOCK ADDED: .312 HEX X .094 THK REF ADDED: .154 MAX PANEL THICKNESS		
3	6-4-01	RH JK TAK JBA ECN 48047



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 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
 - OUTER CONDUCTOR - INITIAL 2.0 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 MIN AT 4 AND 7 MHz

- MECHANICAL:
- ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 - MATING TORQUE: 7-10 INCH POUNDS
 - COUPLING PROOF TORQUE: NOT APPLICABLE
 - COUPLING NUT RETENTION: NOT APPLICABLE
 - CONTACT RETENTION: 6 LBS MIN AXIAL FORCE, 4 IN-OZ MIN RADIAL TORQUE
 - 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
 - MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

② SURFACES TO BE IN LINE WITH EACH OTHER WITHIN .004.

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RSH	DATE 8-28-96	Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS _____ mm _____	CHECKED BY JRK	DATE 8-29-96	
.XX _____	APPROVED BY TAK	DATE 9-12-96	TITLE JACK ASSEMBLY END LAUNCH SMA
.XXX _____	RELEASE DATE 9-19-96	SHEET 2 OF 2	DRAWING NO. C - 142-0721-801/810
MATL _____	U/M INCH	SCALE 10:1	
FINISH _____			