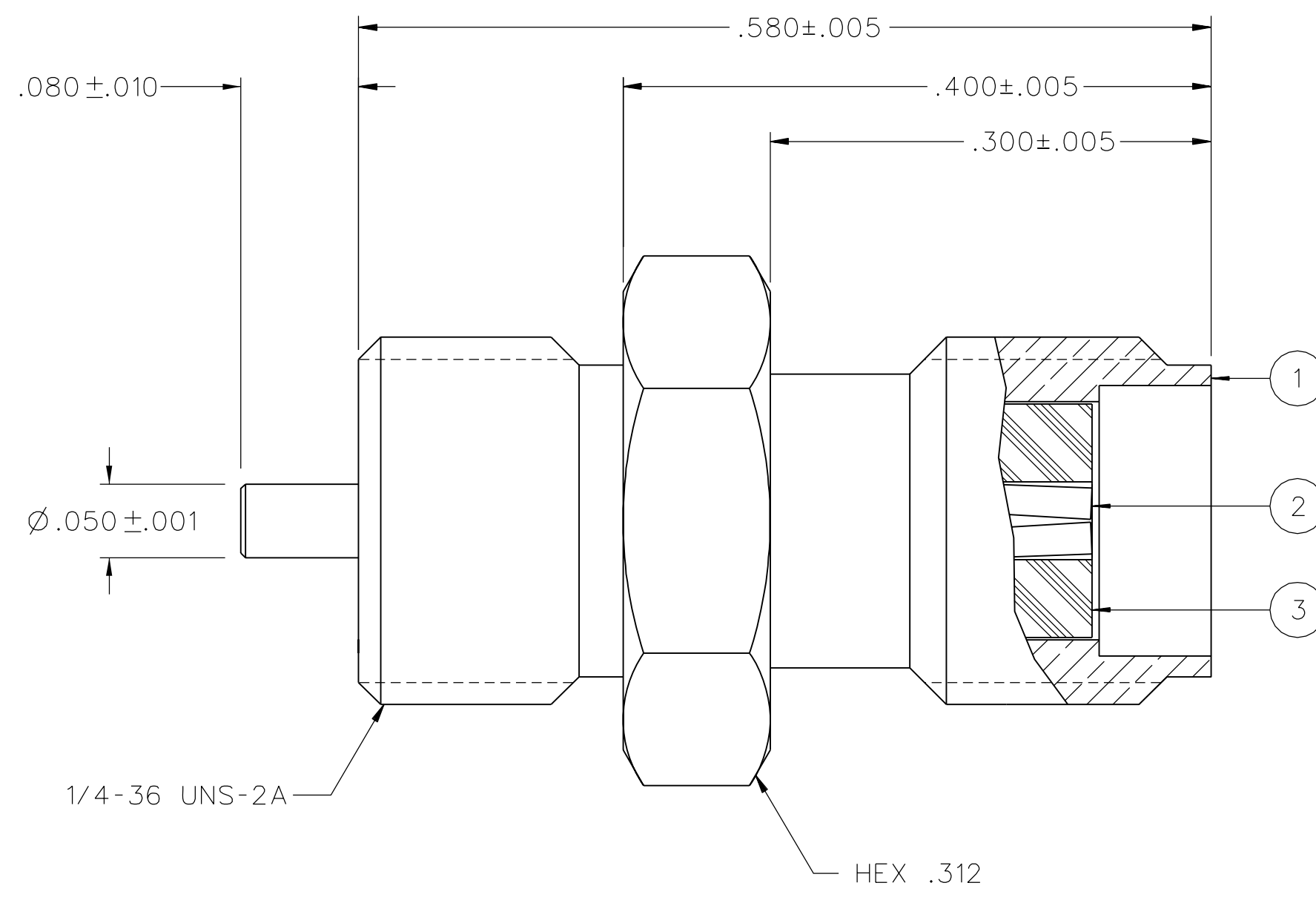


| | | | |
|-----------------------------|---|---|-------------------------------|
| PART NUMBER 142-0711-471 | ITEM ① BODY BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | ITEM ② CONTACT BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | ITEM ③ INSULATOR TEFLON |
|-----------------------------|---|---|-------------------------------|

| | |
|-------------------------------------|--|
| DRAWING NO. C - 142-0711-471/480 | |
| 0 | REVISIONS |
| ENGINEERING RELEASE | |
| 1 | 9-21-07 P J R M J C A D S B J U N ECN 51232 |



NOTES:

1. SPECIFICATIONS:
- IMPEDANCE: 50 OHMS
 - FREQUENCY RANGE: 0-18 GHz
 - VSWR: 1.15+.02F (F IN GHz)
 - 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
 - BODY TO CABLE - 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, EXCEPT 200°C HIGH TEMP
- 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

CUSTOMER DRAWING

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

"μSTATION"

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| | | | | |
|--------------------------------------|-------|-------------------------|-----------------|--|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | DRAWN BY RJB | DATE 6-26-07 | Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256 |
| DECIMALS | mm | CHECKED BY RJB | DATE 9-24-07 | |
| .XX | _____ | APPROVED BY TJS | DATE 9-24-07 | TITLE JACK ASSEMBLY, FRONT MOUNT BULKHEAD, SMA |
| .XXX | _____ | RELEASE DATE 9-24-07 | SCALE 10:1 | |
| MATL | _____ | U/M | INCH | SHEET 2 OF 2 |
| FINISH | _____ | | | DRAWING NO. C - 142-0711-471/480 |

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