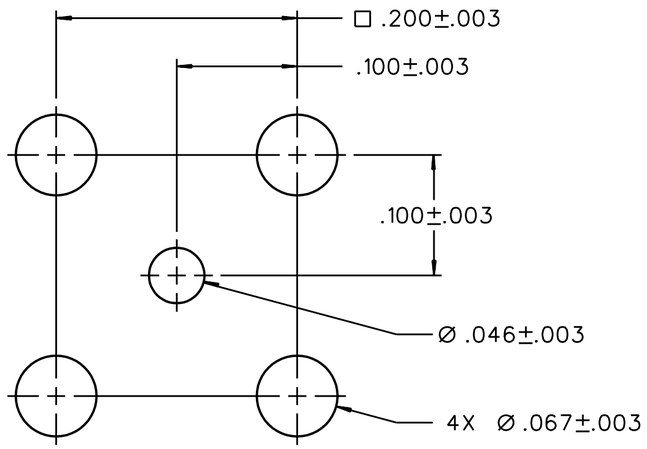
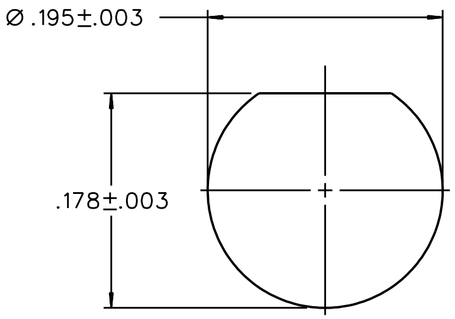
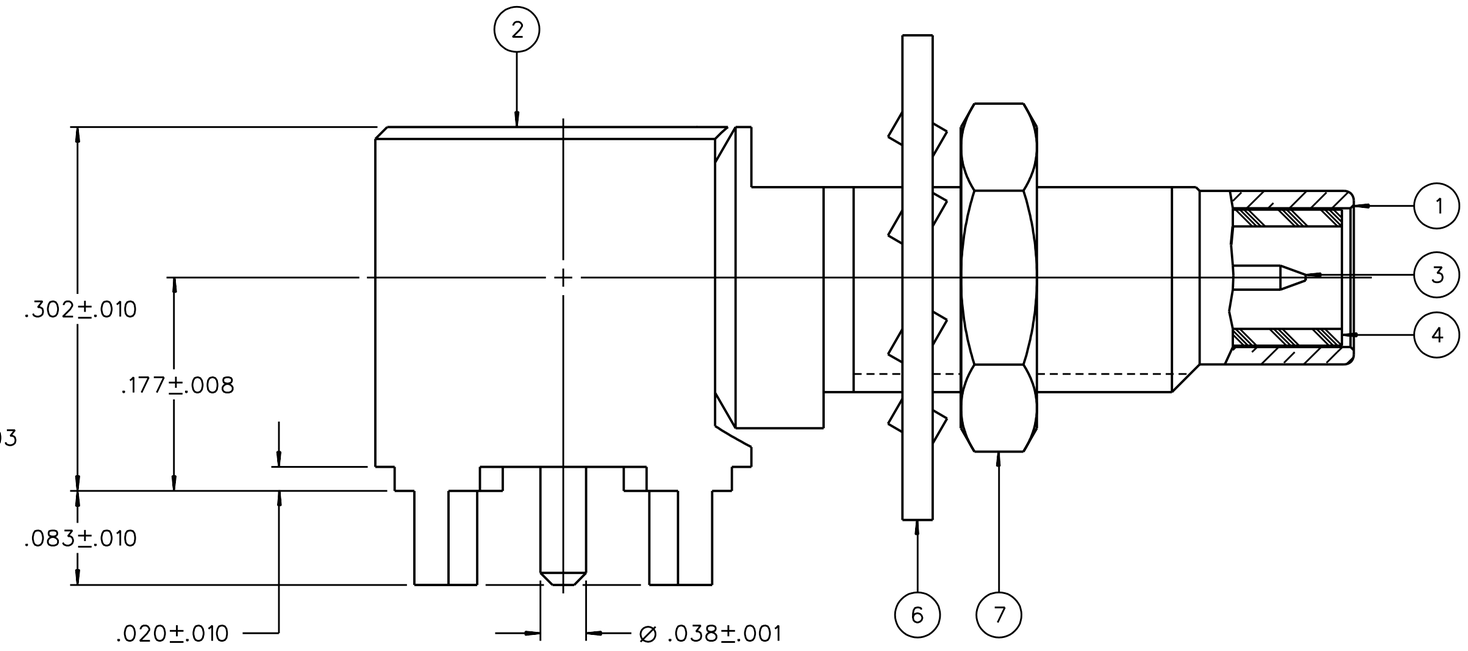
| PART NUMBER | ITEM ① BODY | ITEM ② BASE | ITEM ③ CONTACT (ONE PIECE) | ITEM ④ BODY INSULATOR | ITEM ⑤ BASE INSULATOR | ITEM ⑥ WASHER | ITEM ⑦ NUT |
|---|---|---|---|---|---|---|---|
| 131-6701-501 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON | TEFLON | PHOSPHOR BRONZE<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN |
| 131-6701-502 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON | TEFLON | | |

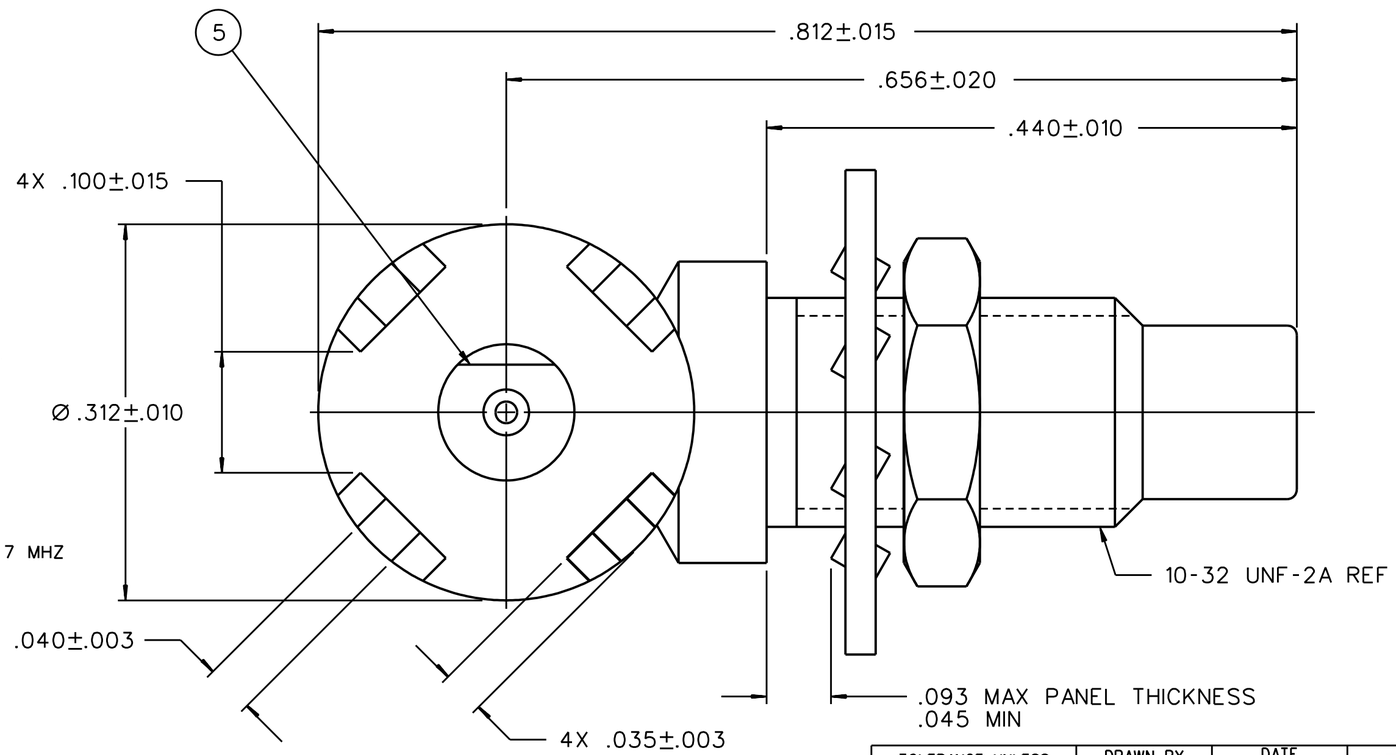



MOUNTING HOLE LAYOUT




MOUNTING HOLE




NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-10 GHz
VSWR: NOT APPLICABLE
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: NOT APPLICABLE
INSERTION LOSS: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

MECHANICAL:

MATING INTERFACE: PER MIL-STD-348, SMC SERIES
ENGAGE/DISENGAGE TORQUE: 16 INCH-OUNCES MAX
MATING TORQUE: 30-50 INCH-OUNCES
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENSION: NOT APPLICABLE
CONTACT RETENSION: 4 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-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 C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D

DRAWING NO.
C - 131-6701-501/510

| REVISIONS | | | | | | |
|---|---|---|---|---|---|---|
| 0 | ADDED: SHEET 2 OF 2 | | | | | |
| 2 | 4-2-91 | MGR | RJB | HEB | | 4-12-91 ECO 40319 |
| | CHANGED: RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ | | | | | |
| 3 | 9-2-92 | RH | TAK | LCS | RJB | PAH 9-22-92 ECO 41184 |
| | ADDED: P/N 131-6701-502 | | | | | |
| 3a | 11-20-96 | RH | RJB | BA | | ECN 44408 |
| | VERSION UPDATE | | | | | |
| 3b | 3-26-98 | RH | RJB | | | ECN 44921 |
| | UPDATED GRAPHICS<br>ADDED: MATING INTERFACE NOTE<br>**********<br>* REVISION NUMBER FOLLOWED BY AN ALPHA *<br>* CHARACTER INDICATES DRAWING CLARIFI- *<br>* CATION OR PART NUMBER ADDITION ONLY. *<br>********** | | | | | |
| 3c | 9-12-02 | RH | TAK | RJB | | ECN 47774 |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| | | | |
|---|---|---|---|
| TOLERANCE UNLESS OTHERWISE SPECIFIED<br>DECIMALS / mm<br>.XX<br>.XXX<br>MATL<br>FINISH | DRAWN BY M.G. ROOT (EJ) | DATE 4-2-91 (2-5-90) | cinch CONNECTIVITY SOLUTIONS a bel group<br>P.O. Box 1732<br>Waseca, MN 56093<br>1-800-247-8256 |
| | CHECKED BY | DATE | TITLE<br>JACK ASSEMBLY<br>RA PC MOUNT BULKHEAD<br>SMC |
| | APPROVED BY | DATE | |
| | RELEASE DATE 9-22-92 | | SHEET 2 OF 2 |
| | U/M INCH | SCALE 10:1 | DRAWING NO. C - 131-6701-501/510 |

Please read our datasheet & drawing disclaimer here.