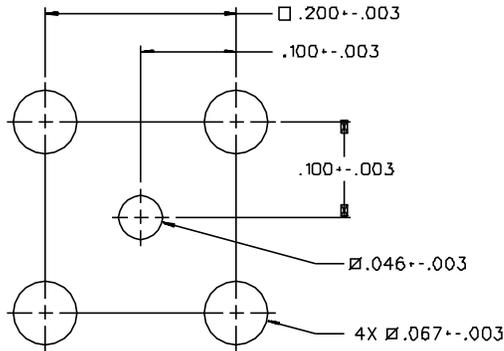
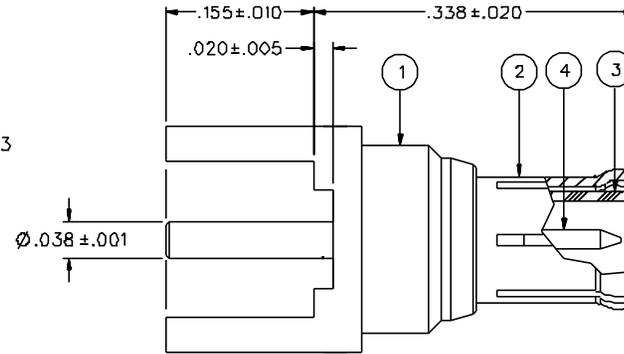
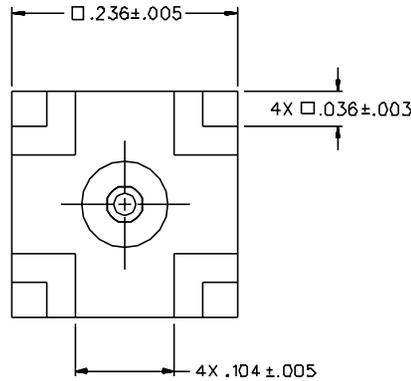


| PART NUMBER | ITEM ① BASE | ITEM ② INTERFACE | ITEM ③ INSULATOR | ITEM ④ CONTACT |
|--------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------|
| 133-3801-201 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON | BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN |
| 133-3801-206 | BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN | TEFLON | BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN |



MOUNTING HOLE LAYOUT



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-6 GHz
 VSWR: NOT APPLICABLE
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 10000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
 OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
 NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
 BRAID TO BODY - NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
 INSERTION LOSS: NOT APPLICABLE
 RF LEAKAGE: NOT APPLICABLE
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
 1.0 LB MIN DISENGAGEMENT
 8.0 LBS MAX DISENGAGEMENT
 CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE
 CONTACT RETENTION TORQUE: NOT APPLICABLE
 COUPLING MECHANISM RETENTION: 20 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 F
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION B
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
 MOISTURE: MIL-STD-202, METHOD 106

| | |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DRAWING NO. | |
| C - 133-3801-201/210 | |
| 0 REVISIONS | |
| ENGINEERING RELEASE | |
| 1 | 7-26-96 R H B L B B B B 8-9-96 ECN 44166 |
| CHANGED: 5.6 LBS MAX ENGAGEMENT WAS 3.4 LBS, 1.0 LB MIN DISENGAGEMENT WAS 5 LBS TYPICAL, 2.3 LBS RETENTION WAS 4 LBS | |
| 1a | 10-5-00 R H B L B B B B 11-21-00 ECN 47338 |
| VERSION UPDATE | |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * | |
| * CHARACTER INDICATES DRAWING CLARIFICATION * | |
| * CAUTION OR PART NUMBER ADDITION ONLY * | |
| 1b | 3-8-01 R H B L B B B B ECN 47578 |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| | | | | |
|--------------------------------------|----|--------------|---------|------------------------------------------------------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | DRAWN BY | DATE | 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832 |
| DECIMALS | mm | SWC | 5-2-96 | |
| .XX | | CHECKED BY | DATE | TITLE PLUG ASSEMBLY STRAIGHT PC MOUNT MCX |
| .XXX | | SWC | 7-26-96 | |
| MATL | | APPROVED BY | DATE | CODE NO. DRAWING NO. C - 133-3801-201/210 |
| | | TAK | 8-5-96 | |
| FINISH | | APPROVED BY | DATE | SCALE 10:1 U/M INCH SHEET 2 OF 2 |
| | | RJB | 8-5-96 | |
| | | RELEASE DATE | 8-9-96 | |