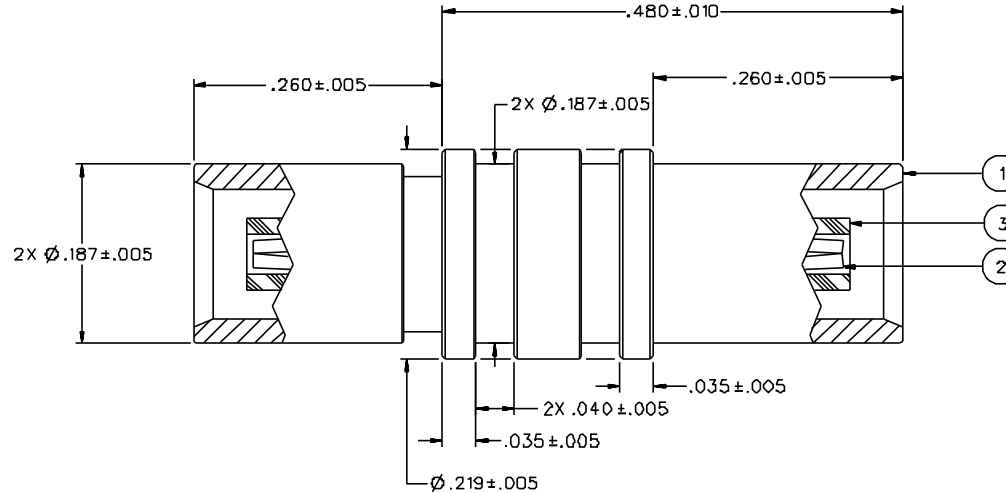


| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INSULATOR |
|--------------|---|--|---------------------|
| 133-3901-801 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON |
| 133-3901-806 | BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON |



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: D-6 GHz
 VSWR: 1.13-.04F MAX (F IN GHz)
 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: .1dB MAX AT 1GHz
 RF LEAKAGE: -55 dB TYPICAL AT 2.5 GHz
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 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
 CONTACT RETENTION TORQUE: NOT APPLICABLE
 COUPLING MECHANISM RETENTION: NOT APPLICABLE
 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 - 133-3901-801/810 | |
| 0 | REVISIONS |
| ENGINEERING RELEASE | |
| 1 | 12-20-95 R H P L R 12-26-95 ECN 43803 |
| CHANGED: WORKING VOLTAGE 335 VRMS WAS 500 DWS 1000 VRMS WAS 1500 CORONA LEVEL 250 VOLTS WAS 375, RF HIGH POT 700 VRMS WAS 1000 | |
| 1a | 5-22-96 R H P L R ECN 44050 |
| CHANGED: RF LEAK -60 dB TYPICAL WAS 70 dB | |
| 1b | 6-17-98 R H P L R ECN 45647 |
| RF LEAKAGE -55 DB WAS -60 DB, CONTACT RETENTION 2.3 LBS MIN WAS 4.0, MAX ENGAGE 5.6 LBS WAS 3.4, DISENGAGE 1.0 / 8.0 LBS WAS 5.0 LBS TYPICAL, DELETED: INTERFACE PER DECC 22220 DETAIL | |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * | |
| * CHARACTER INDICATES DRAWING CLARITY * | |
| * CATION OR PART NUMBER ADDITION ONLY * | |
| 1c | 1-2-01 A R 1 ECN 47552 |

CUSTOMER DRAWING

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

"µSTATION"

COMPANY CONFIDENTIAL

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|--------------------------------------|----|--------------|----------|---|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | DRAWN BY | DATE | Cindt Connectivity Solutions 299 Johnson Ave, Ste. 100 Waseca, MN 56093 1-800-247-8256 |
| DECIMALS | mm | SWC | 8-10-95 | |
| .XX | | CHECKED BY | DATE | TITLE JACK TO JACK ADAPTOR ASSEMBLY, MCX |
| .XXX REF | | SWC | 12-21-95 | |
| MATL | | APPROVED BY | DATE | CODE NO. |
| | | TAK | 12-21-95 | |
| FINISH | | APPROVED BY | DATE | DRAWING NO. |
| | | | | C - 133-3901-801/810 |
| | | RELEASE DATE | 12-26-95 | SCALE 10:1 |
| | | | | U/W INCH SHEET 2 OF 2 |