| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INTERFACE | ITEM ④ INSULATOR | ITEM ⑤ INSULATOR | ITEM ⑥ CRIMP SLEEVE | ITEM ⑦ END CAP |
|---|---|---|---|---|---|---|---|
| 133-3433-101 | 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 | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON | TEFLON | COPPER<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 |
| 133-3433-106 | BRASS<br>NICKEL PL .0001 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 | BERYLLIUM COPPER<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN | TEFLON | TEFLON | COPPER<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN |

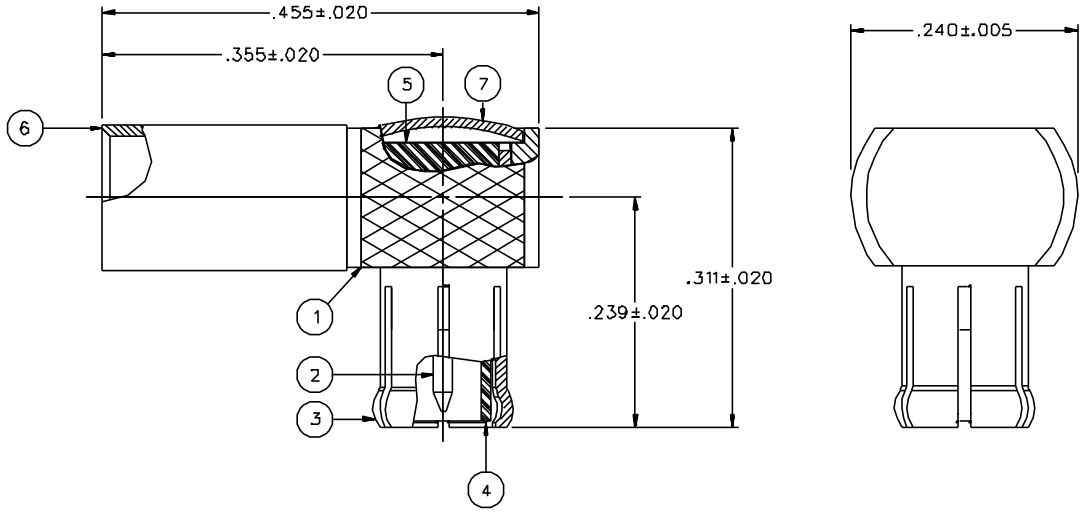
DRAWING NO.
C - 133-3433-101/110

| 0 | REVISIONS | | |
|---|---|---|---|
| ENGINEERING RELEASE | | | |
| 1 | 11-6-96 | RH | 1-10-97<br>ECN 44487 |

CHANGED: 5.6 LBS MAX ENGAGE WAS 3.4 LBS. 1.0/8.0 LBS DISENGAGE WAS 2.25/4.5 LBS. 2.3 LBS RETENTION WAS 4 LBS

• REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. •

| 1a | 10-2-00 | RH | ECN 47355 |
|---|---|---|---|




NOTES:

1. SPECIFICATIONS:

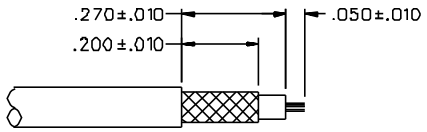
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: NOT APPLICABLE
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 10000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 15 MILLIOHM 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
BODY TO CABLE - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: NOT APPLICABLE
RF LEAKAGE: NOT APPLIACBLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0/8.0 LBS MIN/MAX DISENGAGEMENT
CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 179/U, RG 187/U
CABLE HEX CRIMP SIZE: .128
CABLE RETENTION: 20 LBS MIN AXIAL FORCE
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-213, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106




CABLE STRIP DIMENSIONS

4:1

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| TOLERANCE UNLESS OTHERWISE SPECIFIED | | DRAWN BY | DATE | Johnson Components | 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832 |
|---|---|---|---|---|---|
| DECIMALS | mm | T.A.KARI | 10-25-96 | | |
| .XX | | CHECKED BY | DATE | TITLE | PLUG ASSEMBLY RIGHT ANGLE CABLED, RG 179 MCX |
| .XXX | | APPROVED BY TAK | DATE 12-16-96 | | |
| MATL | | APPROVED BY RJB | DATE 12-17-96 | CODE NO. | DRAWING NO. C - 133-3433-101/110 |
| FINISH | | RELEASE DATE | 1-10-97 | SCALE 10:1 | U/M INCH SHEET 2 OF 2 |