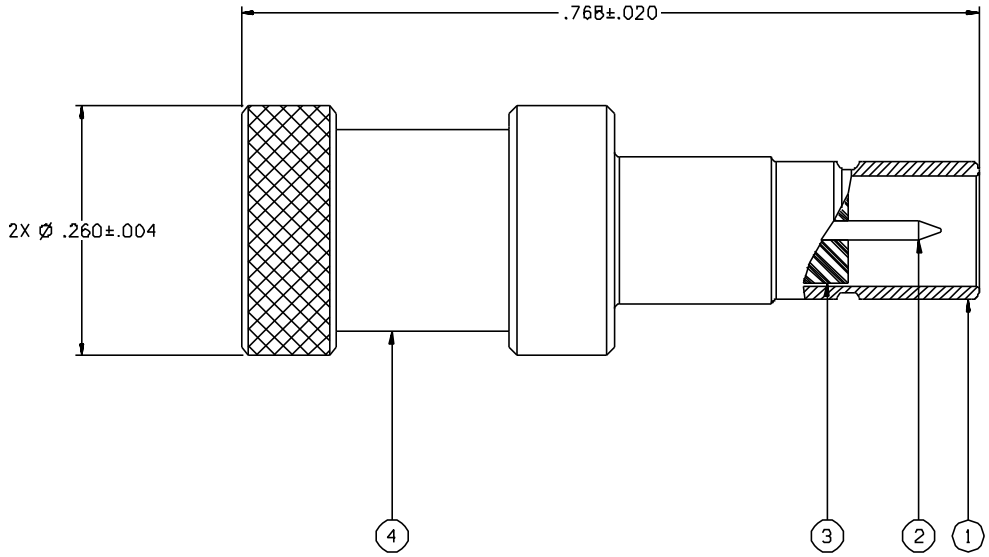
| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INSULATOR | ITEM ④ REAR BODY |
|---|---|---|---|---|
| 131-8701-821 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN |
| 131-8701-826 | BRASS<br>NICKEL PL .0001 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 | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN |




NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 75 OHMS
FREQUENCY RANGE: 0-2 GHZ
ELECTRICAL LENGTH: +- 1.5 DEGREES PHASE SHIFT RELATIVE TO NOMINAL
+- 5.2 DEGREES PHASE SHIFT RELATIVE TO SHORT

CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INTIAL 1 MILLIOHM MAX,
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX.

MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX. AFTER DURABILITY 14 LBS MAX
ENGAGEMENT/2 LBS MIN DISENGAGEMENT
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

OPERATING TEMPERATURE: +20° C TO +26° C
STORAGE TEMPERATURE: -65° C TO 165° C

DRAWING NO.
C - 131-8701-821/830

| 0 | REVISIONS |
|---|---|
| ENGINEERING RELEASE | |
| 1 | 6-27-91 R H K N 7-9-91 ECO 40357 |
| CHANGED: .768+-.020 WAS .777+-.020 | |
| 2 | 4-21-92 R H T N ECO 41023 |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| | | | |
|---|---|---|---|
| TOLERANCE UNLESS OTHERWISE SPECIFIED<br>DECIMALS .XX ——— mm<br>.XXX ———<br>MATL<br>FINISH | DRAWN BY TAK | DATE 2-28-91 | Johnson Components 299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832 |
| | CHECKED BY | DATE | TITLE JACK ASSEMBLY, OPEN MINI 75 OHM SMB |
| | APPROVED BY TAK | DATE 6-28-91 | |
| | APPROVED BY RJB | DATE 7-1-91 | CODE NO. DRAWING NO. C - 131-8701-821/830 |
| | RELEASE DATE 7-9-91 | | SCALE 10:1 U/M INCH SHEET 2 OF 2 |