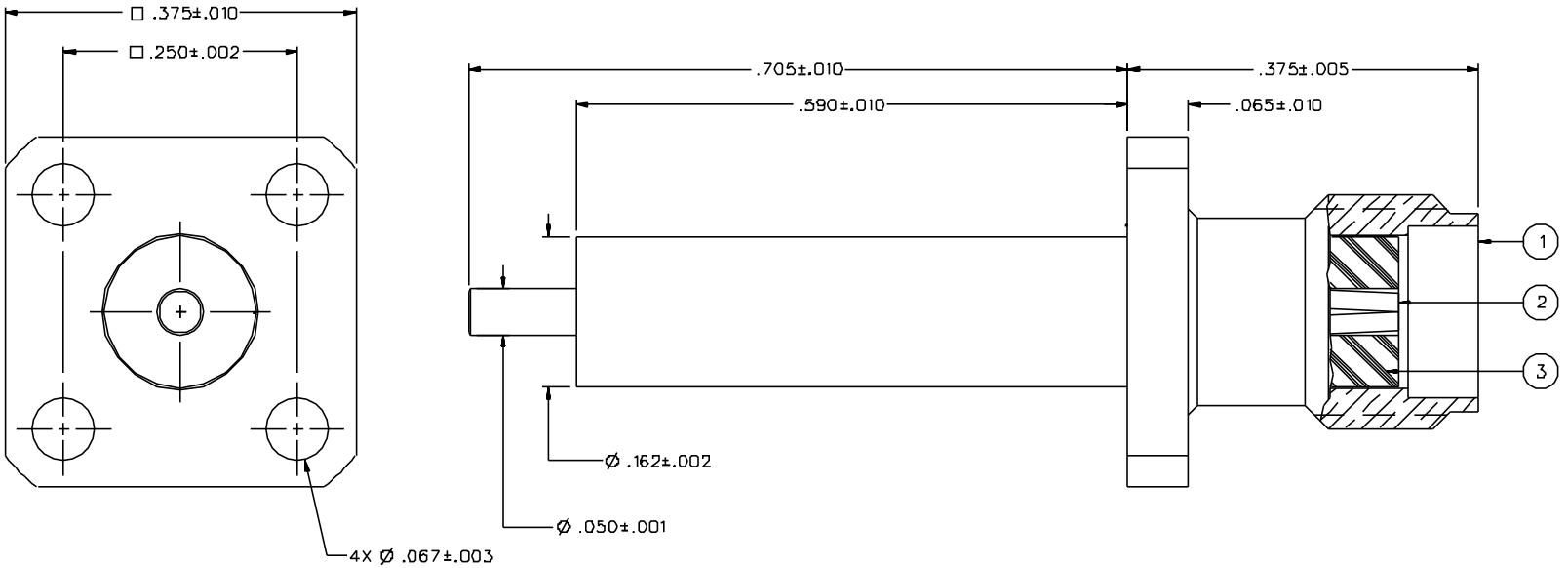
| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INSULATOR |
|---|---|---|---|
| 142-1701-011 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON |
| 142-1701-016 | 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 |




NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: 1.15+.02F (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .06√F (F IN GHz) AT 6 GHz
RF LEAKAGE: -90 DB MIN AT 2 TO 3 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION : NOT APPLICABLE
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
4 IN-OZ MIN RADIAL TORQUE
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
EXCEPT 200 DEG C HIGH TEMP
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO. C - 142-1701-011/020

| REVISIONS | | | |
|---|---|---|---|
| ENGINEERING RELEASE | | | |
| 1 | 7-19-93 | R HK TAK RJB PAS | 7-22-93 ECO 41944 |
| .705+-.010 WAS .700+-.010, 0-18 GHz WAS 0-6 GHz | | | |
| 1a | 4-11-94 | R HK TAK RJB SGS | 4-20-94 ECN 42413 |
| SQ .250+-.002 WAS SQ .250 +-.005, UPDATED GRAPHICS | | | |
| 1b | 8-5-96 | R HK TAK RJB SGS | ECN 44139 |
| UPDATE VERSION | | | |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- CATION OR PART NUMBER ADDITION ONLY. | | | |
| 1C | 6-14-01 | TAK RJB | ECN 47923 |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

| | | | |
|---|---|---|---|
| TOLERANCE UNLESS OTHERWISE SPECIFIED<br>DECIMALS .XX ±.01 .XXX ±.005<br>mm ±0.25<br>MATL<br>FINISH | DRAWN BY TAK | DATE 5-13-93 | JOHNSON a cinch connectivity solutions brand<br>Cinch Connectivity Solutions<br>299 Johnson Ave, Ste. 100<br>Waseca, MN 56093<br>1-800-247-8256 |
| | CHECKED BY | DATE | TITLE JACK ASSEMBLY, .375 FLANGE MOUNT, EXTENDED DIELECTRIC, SMA |
| | APPROVED BY TAK | DATE 7-19-93 | |
| | APPROVED BY RJB | DATE 7-20-93 | CODE NO. DRAWING NO. C - 142-1701-011/020 |
| | RELEASE DATE 7-22-93 | | SCALE 10:1 U/M INCH SHEET 2 OF 2 |

# Unikeyic Electronics

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## Cinch:

12-141 30-9506-88 415-0043-MM250 ATT-0263-04-SMA-02 131-3701-306 145-0701-821 21-14-M5.0 30-9516 415-0203-024 C0909A18-11PN-106 CN0967C10A20P6-040 DEUH-9P M49142/03-0005 DD2466134 108-0913-001 142-0403-011 415-0028-048 M24308/4-5F 111-0102-001 147-0701-832 CJ70-7 CN1021A14G03P8-040 40-9715HM 40-98443N-C 415-0536-012 8-141 135-3402-001 145-0693-002 147-0701-241 415-0030-MM150