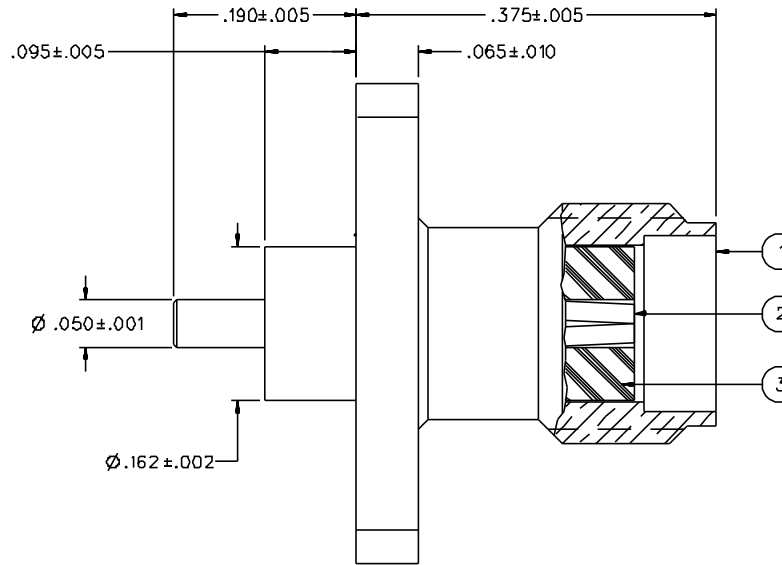
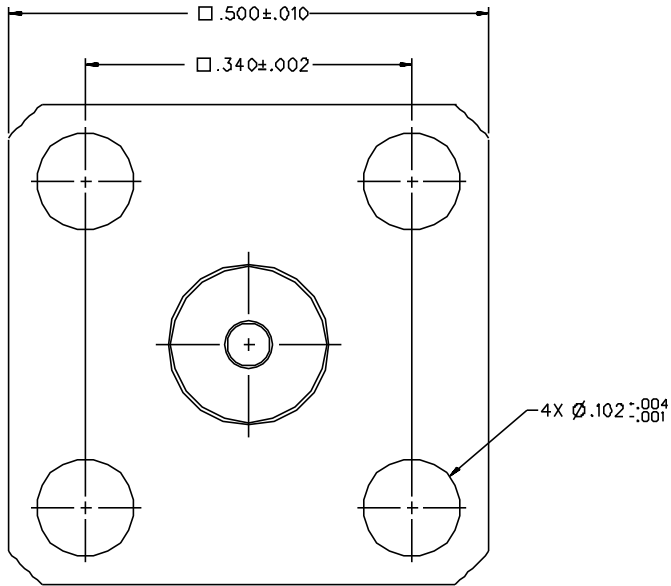


| PART NUMBER | ITEM ① BODY | ITEM ② CONTACT | ITEM ③ INSULATOR |
|--------------|---|--|---------------------|
| 142-1701-041 | BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | TEFLON |
| 142-1701-046 | 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: 0-18 GHz
 VSWR: 1.35-.01F (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-C-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: ML-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

| | | | |
|--|---------|-----------|----------------------|
| DRAWING NO. C - 142-1701-041/050 | | | |
| 0 REVISIONS | | | |
| ENGINEERING RELEASE | | | |
| I | 5-24-93 | R H B J B | 5-27-93 ECO 41865 |
| CHANGED: 0-18 GHZ WAS 0-6 GHZ | | | |
| Ia | 4-8-94 | R T R B | 4-20-94 ECN 42416 |
| CHANGED: UPDATED GRAPHICS | | | |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * | | | |
| * CHARACTER INDICATED DRAWING CLARIFY * | | | |
| * DATE OR PART NUMBER ADDITION ONLY * | | | |
| Ib | 8-22-96 | R H B J B | ECN 44142 |

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 TAK | DATE 5-11-93 | JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worces, MN 56093 1-800-247-8256 | |
| DECIMALS .XX | mm | CHECKED BY | DATE | TITLE JACK ASSEMBLY FLANGE MOUNT, SMA | |
| .XXX | | APPROVED BY TAK/RJB | DATE 5-24-93 | CODE NO. | DRAWING NO. C - 142-1701-041/050 |
| MATL | | APPROVED BY | DATE | SCALE 10:1 | U/W INCH SHEET 2 OF 2 |
| FINISH | | RELEASE DATE | 5-27-93 | | |