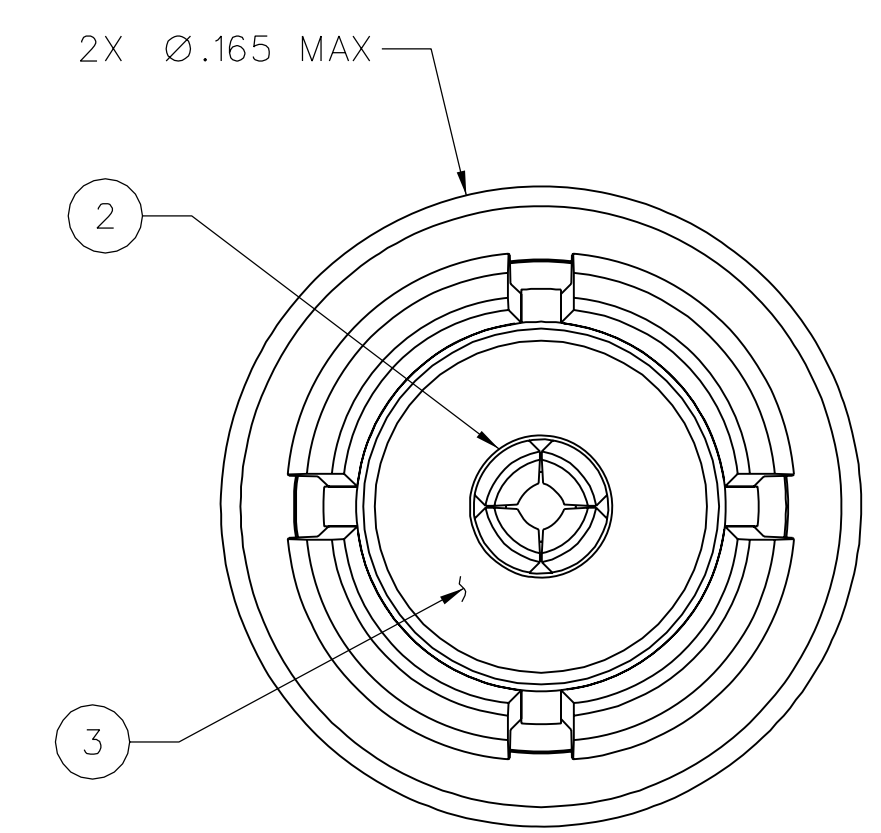
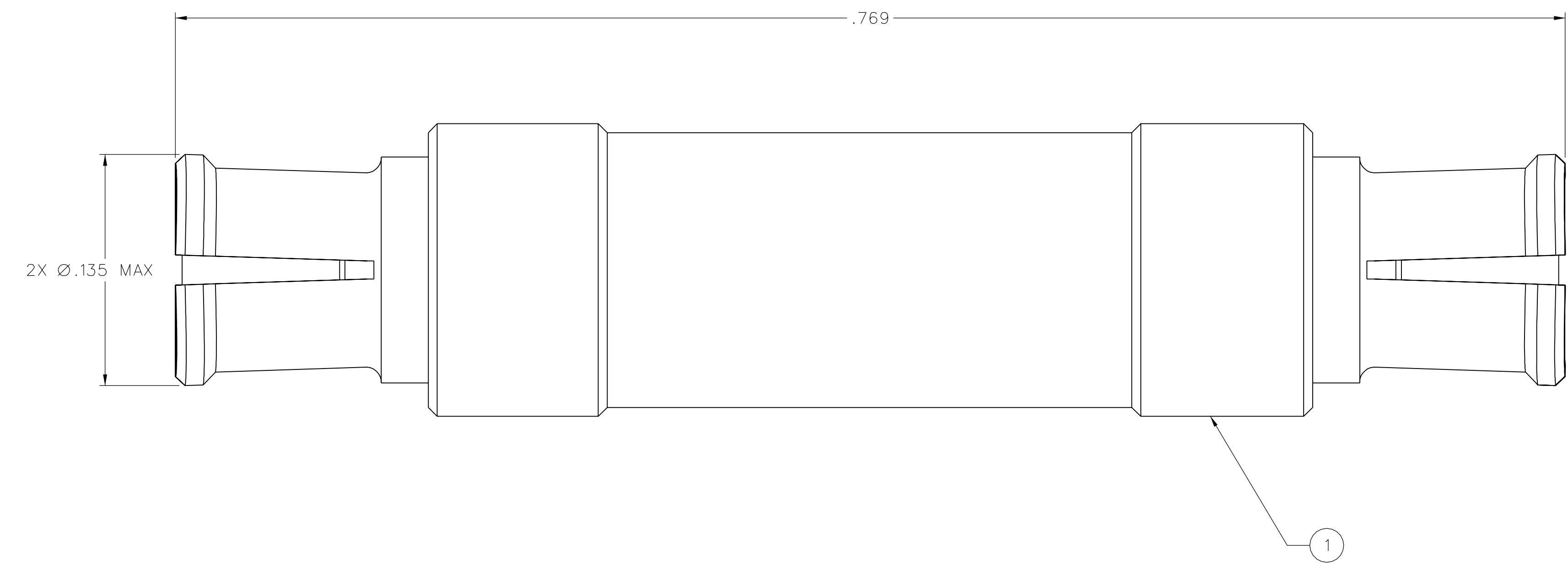
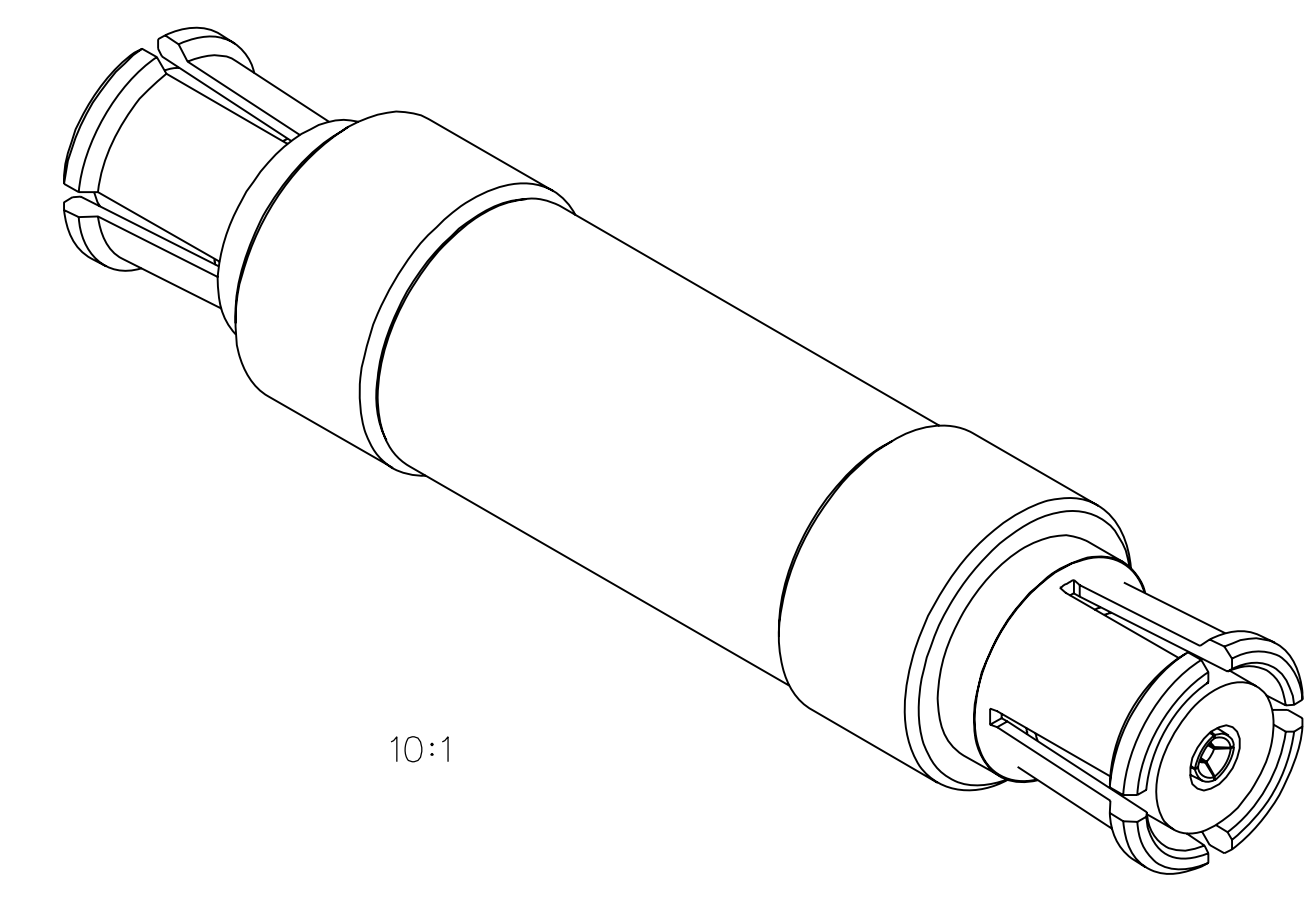


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|-----------------------------|--|---|----------------------------------|
| PART NUMBER 127-0901-811 | ITEM ① BODY BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | ITEM ② CONTACT BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN | ITEM ③ 2X INSULATOR TEFLON |
|-----------------------------|--|---|----------------------------------|

| | |
|-------------------------------------|-------------------|
| DRAWING NO. D - 127-0901-811/820 | |
| 0 REVISIONS | |
| ENGINEERING RELEASE | |
| 1 | 5-25-07 A R K U N |
| | M T B C |
| | 5-29-07 |
| | ECN 51023 |




NOTES:

1. SPECIFICATIONS:
- IMPEDENCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: 0-18 GHz
 VSWR: 1.10 MAX (0-4 GHz)
 1.15 MAX (4-12 GHz)
 1.20 MAX (12-18 GHz)
- WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHM MIN
- CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 6.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
- INSERTION LOSS: 0.10/√F (GHz) dB MAX, TESTED AT 10 GHz
 CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
 RF LEAKAGE: -65 dB TYPICAL, TESTED AT 2.5 GHz
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 325 VRMS MIN AT 4 AND 7 MHz
- MECHANICAL:
- INTERFACE DESIGN: IN ACCORDANCE WITH MIL-STD-348A, SERIES SMP
 ENGAGEMENT FORCE: 15.0 LBS MAX (FULL DETENT)
 10.0 LBS MAX (LIMITED DETENT)
 2.0 LBS MAX (SMOOTH BORE)
- DISENGAGEMENT FORCE: 5.0 LBS MIN (FULL DETENT)
 2.0 LBS MIN (LIMITED DETENT)
 0.5 LBS MIN (SMOOTH BORE)
- CONTACT RETENTION: 1.5 LBS MIN AXIAL FORCE
 DURABILITY: 100 CYCLES MIN (FULL DETENT)
 500 CYCLES MIN (LIMITED DETENT)
 1000 CYCLES MIN (SMOOTH BORE)
- ENVIRONMENTAL:
- (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF DSCC DWG NO. 94007)
 OPERATING TEMPERATURE: -65°C TO 165°C
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 165°C HIGH TEMP
 MECHANICAL SHOCK: MIL-STD-202, METHOD 213, CONDITION I
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B OMITTED

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994

"μSTATION"
 COMPANY CONFIDENTIAL

| | | | | | |
|--------------------------------------|-------------------------|-----------------|--|---|--|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY PAT | DATE 1-22-07 |  Cinch <small>CONNECTIVITY SOLUTIONS</small> <small>CONNECTION GROUP</small> | Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256 | |
| DECIMALS _____ mm | CHECKED BY JRK | DATE 5-25-07 | | TITLE SMP FEMALE/FEMALE ADAPTER, .769 LONG | |
| .XXX ±.005 _____ | APPROVED BY PDW | DATE 5-25-07 | SHEET 2 OF 2 | | |
| MATL _____ | RELEASE DATE 5-29-07 | SCALE 20:1 | DRAWING NO. D - 127-0901-811/820 | | |
| FINISH _____ | U/M INCH | | | | |