

NOTES:

1. MATERIALS:

SHELL: TITANIUM GRADE 4 (UNALLOYED) PER ASTM B265 OR ASTM B348
 CONTACT: BERYLLIUM COPPER ALLOY C17200 PER ASTM B194
 INSULATOR: POLYPHENYLENE SULFIDE
 COUPLING RING: TITANIUM GRADE 4 (UNALLOYED) PER ASTM B265 OR ASTM B348
 GASKET: FLUOROSILICONE RUBBER
 LANYARD: STAINLESS STEEL ALLOY 302
 LANYARD PROTECTIVE COVER: POLYOLEFIN

2. FINISH:

SHELL: OXIDE, COLOR MATTE GRAY
 CONTACTS: NICKEL STRIKE FOLLOWED BY GOLD PLATE PER ASTM B488, TYPE III, GRADE C, .000050 MIN THK
 COUPLING RING: OXIDE, COLOR DARK GRAY
 LANYARD: BLACK CHROME PER MIL-C-14538

3. INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500±10% VDC AT 25°C IN ACCORDANCE WITH MIL-STD-1344, METHOD 3003.

4. DIELECTRIC WITHSTANDING VOLTAGE: NO EVIDENCE OF BREAKDOWN OR FLASHOVER AT 600VAC (60Hz) IN ACCORDANCE WITH MIL-STD-1344, METHOD 3001. DURATION OF APPLICATION SHALL BE 1 SECOND MINIMUM.

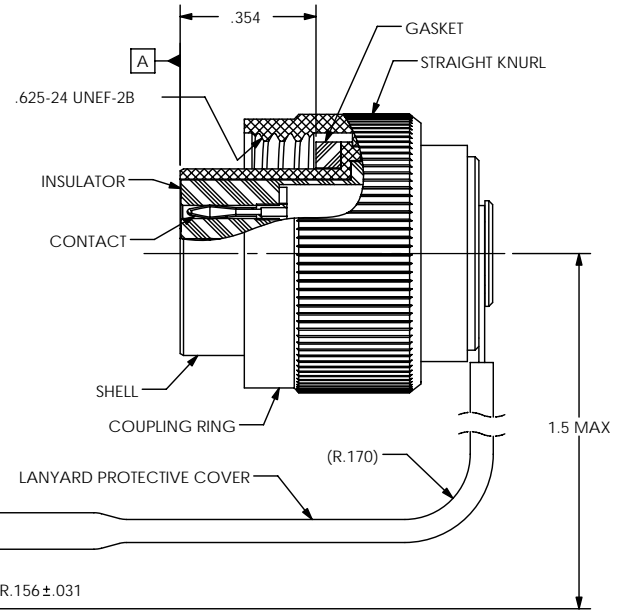
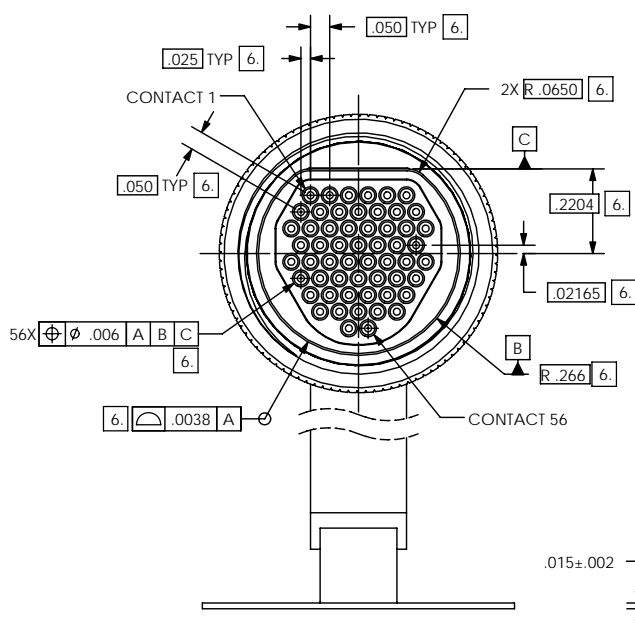
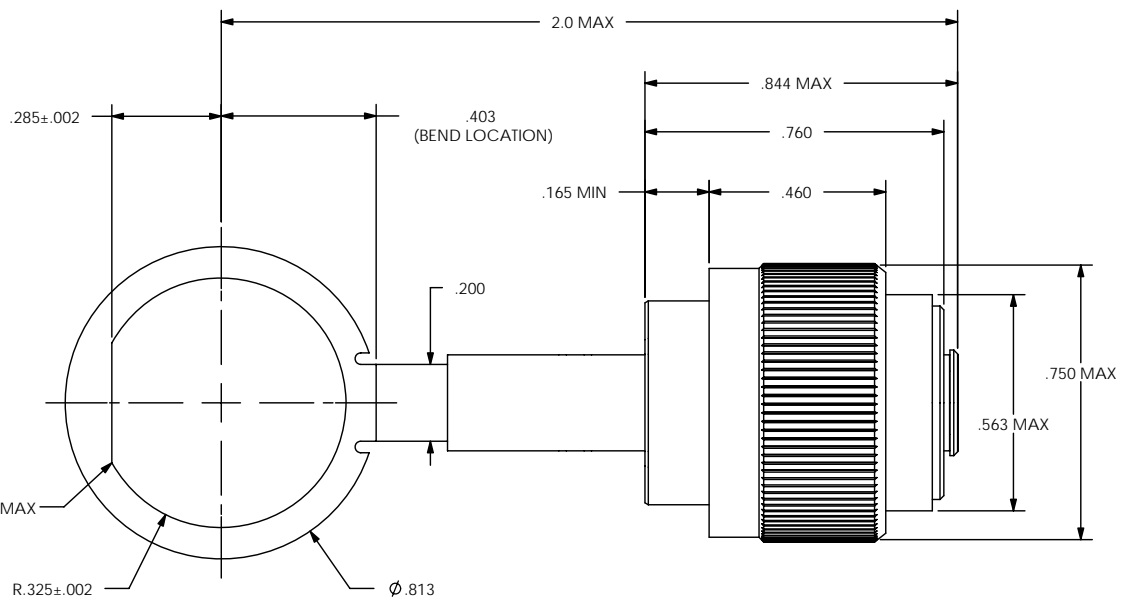
5. CONTACTS 1, 2, 23, 24 SHALL BE SHORTED TO EACH OTHER. ALL OTHER CONTACT CAVITIES SHALL BE POPULATED WITH NONTERMINATED CONTACTS.

6. MATEABILITY IN ACCORDANCE WITH MIL-PRF-83513 WHEN MATED WITH SRICMP301-1

7. ORDERING INSTRUCTIONS:

SPECIFY THE FOLLOWING PART NUMBER: SRICMP303 - 1

| REVISIONS | | | |
|-----------|------------|----------|--------------|
| REV | CHANGE NO. | DATE | CFG APPROVAL |
| - | INIT RLSE | 02-23-06 | J. PETRI |



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| DIMENSIONING IAW ASME Y14.5M-1994 DIMENSIONS APPLY AFTER PROCESSES DIMENSIONS IAW US CUSTOMARY UNITS X ± 1, XX ± 01, XXX ± 005, ± 5° .010 MAX OUTSIDE R, .005 MAX INSIDE R 125 RMS SURFACE FINISH | | CAD GENERATED DRAWING DO NOT MANUALLY UPDATE ALL SHEETS SAME REVISION | | SRI HERMETICS | |
| THIRD ANGLE PROJECTION | | DRAWN J. PETRI 02-03-06 | | TITLE CONNECTOR, MICRO-D, 56-PIN CIRCULAR (NONHERMETIC SHORTING PLUG) | |
| NEXT ASSY USED ON | | REVIEW E. TAYLOR 02-20-06 | | SIZE DOCUMENT SRICMP303 | |
| APPLICATION | | REVIEW | | SCALE 2:1 | |
| PART NUMBER: SRICMP303-1 | | DO NOT SCALE DRAWING | | CAGE CODE 3PJY7 SHEET 1 OF 1 | |