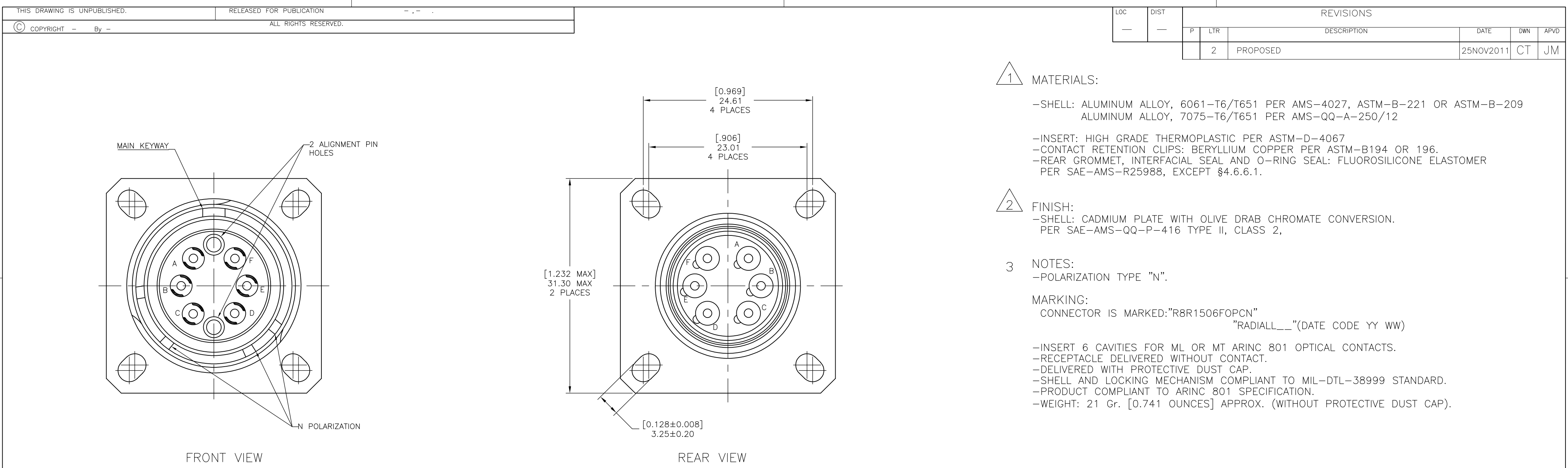
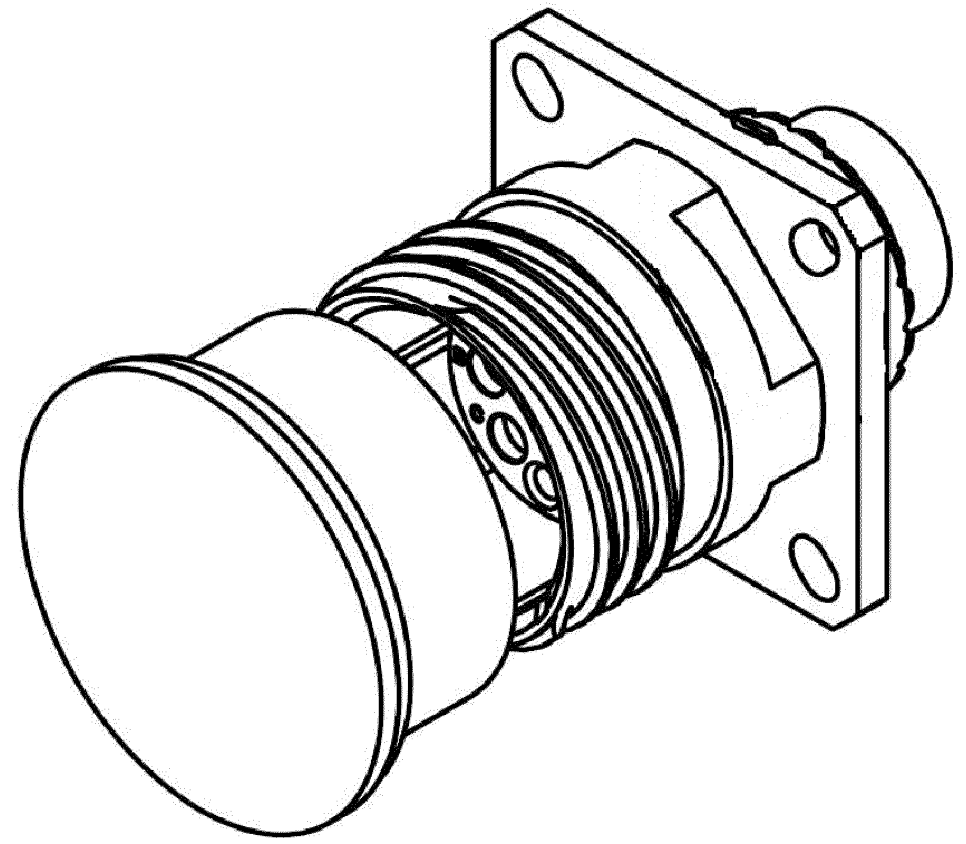
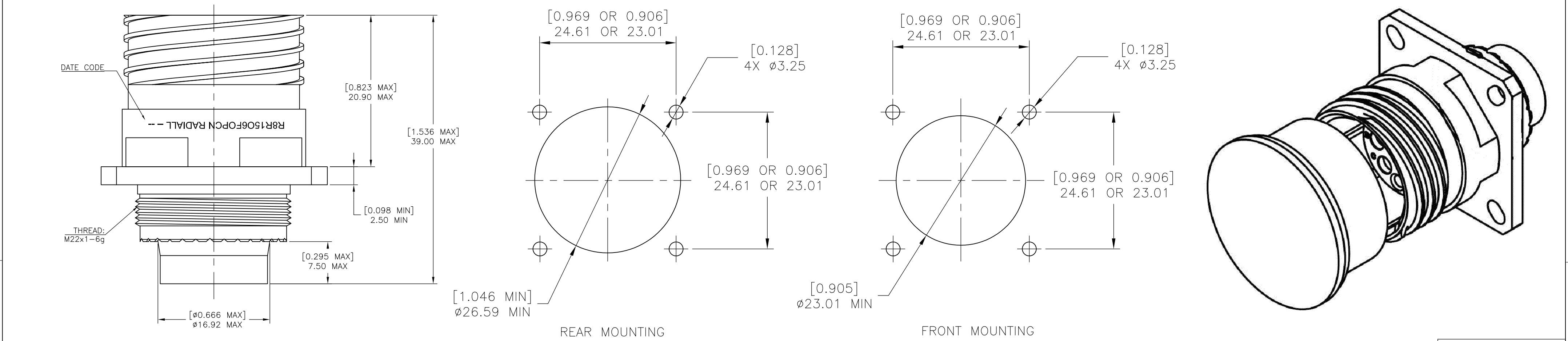




- 1 MATERIALS:
- SHELL: ALUMINUM ALLOY, 6061-T6/T651 PER AMS-4027, ASTM-B-221 OR ASTM-B-209 ALUMINUM ALLOY, 7075-T6/T651 PER AMS-QQ-A-250/12
  - INSERT: HIGH GRADE THERMOPLASTIC PER ASTM-D-4067
  - CONTACT RETENTION CLIPS: BERYLLIUM COPPER PER ASTM-B194 OR 196.
  - REAR GROMMET, INTERFACIAL SEAL AND O-RING SEAL: FLUOROSILICONE ELASTOMER PER SAE-AMS-R25988, EXCEPT §4.6.6.1.
- 2 FINISH:
- SHELL: CADMIUM PLATE WITH OLIVE DRAB CHROMATE CONVERSION. PER SAE-AMS-QQ-P-416 TYPE II, CLASS 2,
- 3 NOTES:
- POLARIZATION TYPE "N".
- MARKING:
- CONNECTOR IS MARKED:"R8R1506FOPCN"  
"RADIALL\_"(DATE CODE YY WW)
- INSERT 6 CAVITIES FOR ML OR MT ARINC 801 OPTICAL CONTACTS.
  - RECEPTACLE DELIVERED WITHOUT CONTACT.
  - DELIVERED WITH PROTECTIVE DUST CAP.
  - SHELL AND LOCKING MECHANISM COMPLIANT TO MIL-DTL-38999 STANDARD.
  - PRODUCT COMPLIANT TO ARINC 801 SPECIFICATION.
  - WEIGHT: 21 Gr. [0.741 OUNCES] APPROX. (WITHOUT PROTECTIVE DUST CAP).

PANEL CUT-OUT



THIS PRINT IS  
**PRELIMINARY**  
UNQUALIFIED PRODUCT  
CONTACT PRODUCT ENGINEERING  
BEFORE USING THIS PRINT

|                                        |                                           |                                   |                                               |                       |
|----------------------------------------|-------------------------------------------|-----------------------------------|-----------------------------------------------|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                           | DWN<br>C.C. THOMAS<br>12AUG2011   | 1811966-1                                     |                       |
| DIMENSIONS:<br>mm [INCHES]             | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | CHK<br>JAMES MOSIER<br>12AUG2011  | PART<br>NUMBER                                |                       |
|                                        | 0 PLC ± -                                 | APVD<br>JAMES MOSIER<br>12AUG2011 | NAME                                          |                       |
|                                        | 1 PLC ± -                                 | PRODUCT SPEC                      | CONNECTOR, CIRCULAR, PANEL MOUNT RECEPTACLE,  |                       |
| MATERIAL<br>- 1                        | 2 PLC ± -                                 | APPLICATION SPEC                  | M38999 SERIES III STYLE, SIZE 15, 6 POSN, FOR |                       |
|                                        | 3 PLC ± -                                 | —                                 | ARINC 801 OPTICAL TERMINI, N-POLARIZATION     |                       |
| FINISH<br>- 2                          | 4 PLC ± -                                 | WEIGHT<br>—                       | SIZE<br>A2                                    | RESTRICTED TO<br>—    |
|                                        | ANGLES ± -                                | CUSTOMER DRAWING                  | CAGE CODE<br>00779                            | DRAWING NO<br>1811966 |
| SCALE<br>NTS                           |                                           |                                   | SHEET<br>1 OF 1                               | REV<br>2              |