

| LOC | DIST | REVISIONS |     |                       |       |     |      |
|-----|------|-----------|-----|-----------------------|-------|-----|------|
|     |      | P         | LTR | DESCRIPTION           | DATE  | DWN | APVD |
| DF  | DO   | N         |     | REV PER ECO-05-002792 | 05-05 | AA  | DM   |

1.

THIS RCPT. IS DESIGNED TO CONFORM TO THE LATEST ISSUE OF MIL-C-24308.
2.

MAX WIRE INSUL TO BE USED WITH THIS RCPT IS .068 DIA.
3.

STAINLESS STEEL RETENTION CLIPS ARE INCLUDED IN INSERTS.
4.

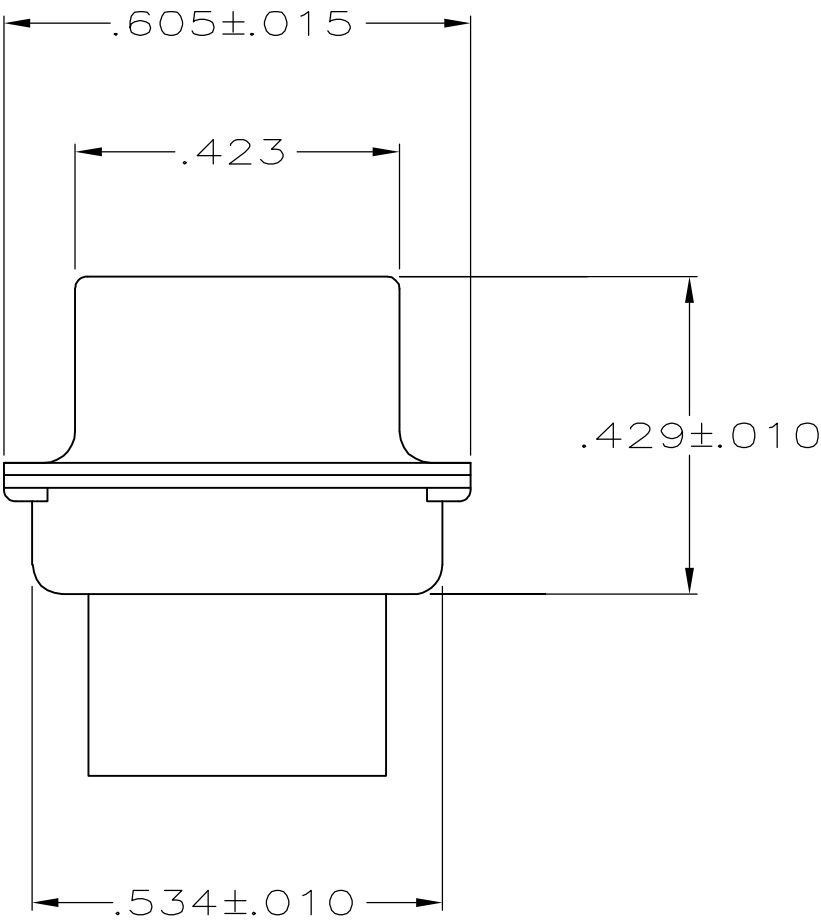
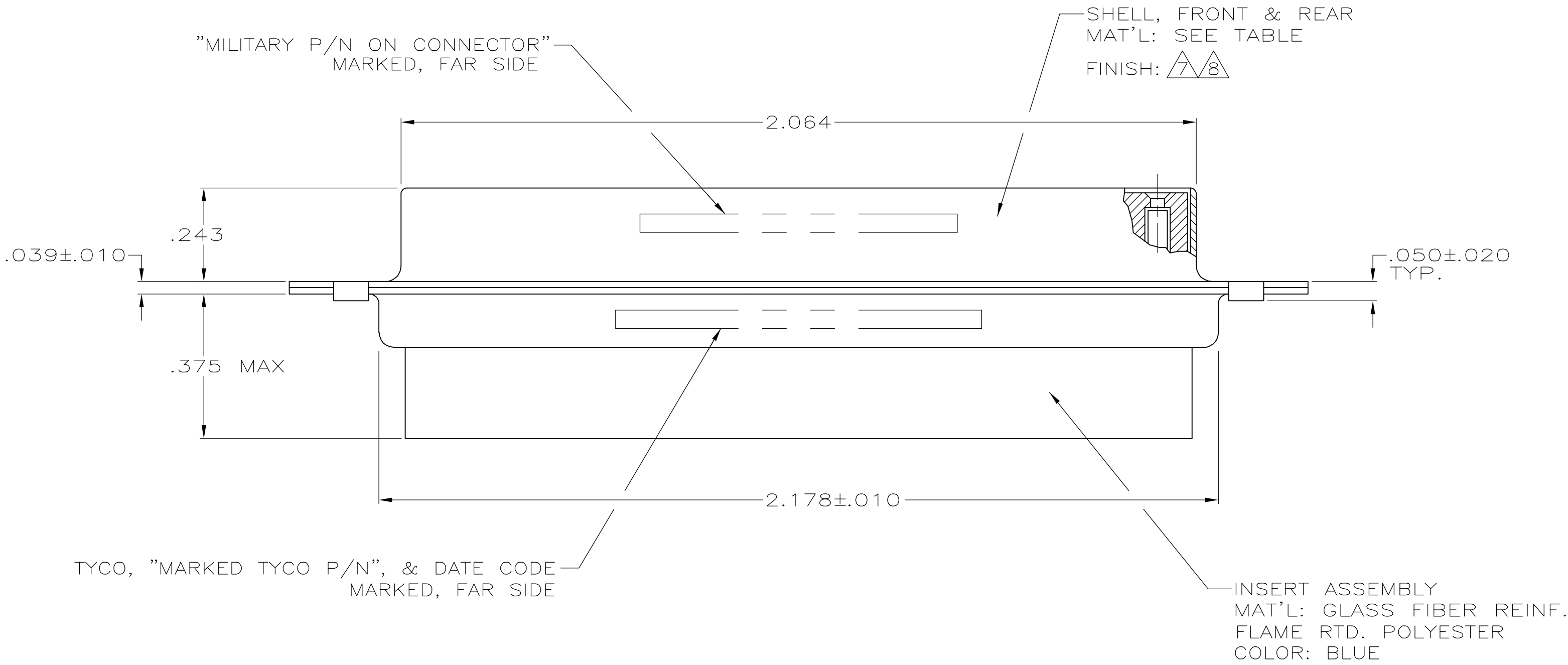
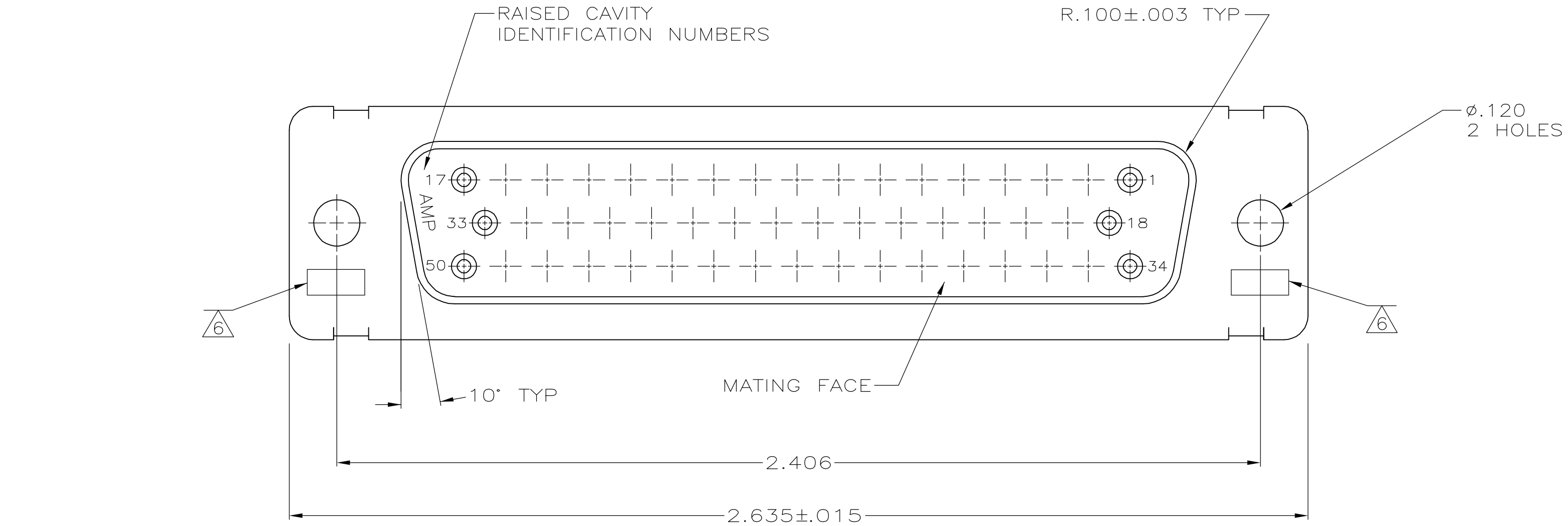
THIS RCPT. WILL ACCEPT SIZE 20 SOCKET CONTACT M39029/63-368 OR ANY TYCO HD-20 SOCKET CONTACT. CONTACTS ORDERED SEPARATELY.
- 5

TYCO PART NO. MARKED ON CONNECTOR REPRESENTS KIT NUMBER WITH CONTACTS.
- 6

UL/CSA DESIGNATION STAMPED IN THIS AREA, OPTIONAL.
- 7

FINISH: CADMIUM PER QQ-P-416.
- 8

FINISH: BRIGHT TIN PER ASTM-B-545 .000400-.000550 THK OVER COPPER PER AMS2418 .000050 MIN THK.



|                         |                           |                       |          |              |             |                      |          |
|-------------------------|---------------------------|-----------------------|----------|--------------|-------------|----------------------|----------|
| SUPSD BY 206805-2       | -                         | -                     | 205169-4 | -            | 8           | STEEL PER ASTM-A-109 | 205169-4 |
|                         | -                         | -                     | -        | -            | -           | BRASS                | 205169-2 |
| M24308/2-285F           | M24308/2-5F               | 205563-2              | 5        | 7            | 7           | STEEL PER ASTM-A-109 | 205169-1 |
| MILITARY P/N ON PACKAGE | MILITARY P/N ON CONNECTOR | TYCO P/N ON CONNECTOR | REMARKS  | SHELL FINISH | SHELL MAT'L | PART NO.             |          |

|                                                                                    |  |                                  |                                                                                                         |                      |
|------------------------------------------------------------------------------------|--|----------------------------------|---------------------------------------------------------------------------------------------------------|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                             |  | DWN<br>C.C.THOMAS<br>08-DEC-87   | <b>tyco</b><br>Electronics<br>Tyco Electronics Corporation<br>Harriaburg, Pa 17105-3608                 |                      |
| DIMENSIONS:<br>INCHES                                                              |  | CHK<br>F.C.BALLEW<br>10-DEC-87   |                                                                                                         |                      |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                             |  | APVD<br>F.C.BALLEW<br>10-DEC-87  | NAME<br>AMPLIMITE RCPT FOR SOCKET CONTACTS<br>HI-DENSITY HD-20 CONNECTOR<br>SIZE 5 (50 POSN) SERIES 109 |                      |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .005<br>4 PLC ± -<br>ANGLES ± 0°30' |  | PRODUCT SPEC<br>APPLICATION SPEC |                                                                                                         |                      |
| MATERIAL<br>SEE CALLOUTS                                                           |  | FINISH<br>SEE CALLOUTS           | SIZE<br>A1                                                                                              | RESTRICTED TO<br>-   |
|                                                                                    |  | WEIGHT<br>-                      | CAGE CODE<br>00779                                                                                      | DRAWING NO<br>205169 |
|                                                                                    |  | CUSTOMER DRAWING                 |                                                                                                         |                      |
|                                                                                    |  | SCALE<br>4:1                     | SHEET<br>1                                                                                              | OF<br>1              |
|                                                                                    |  | REV<br>N                         |                                                                                                         |                      |