

4805 (3/13)

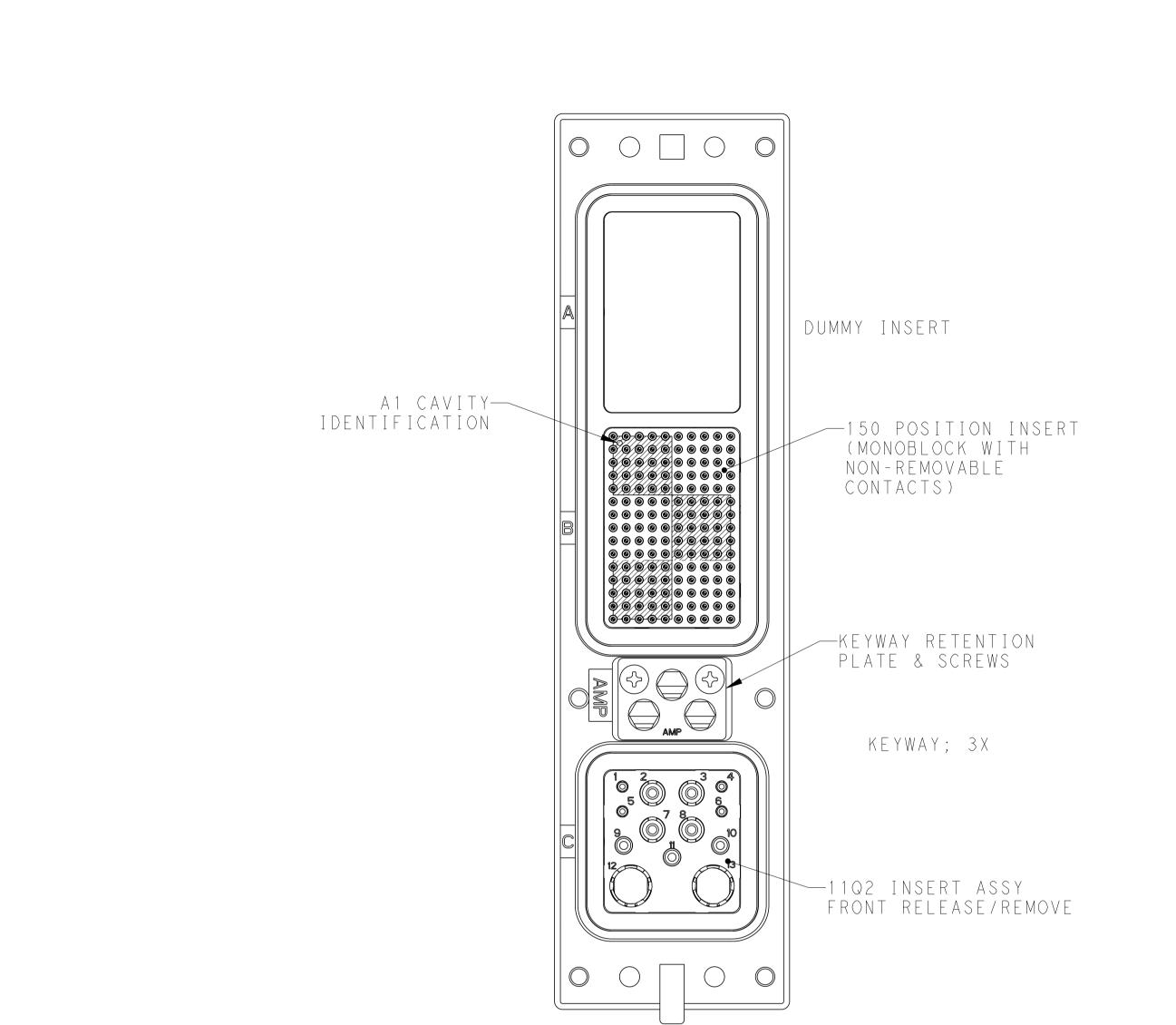
|   |     |                           | 1           |     |      |
|---|-----|---------------------------|-------------|-----|------|
|   |     | REVISIONS                 |             |     |      |
| Р | LTR | DESCRIPTION               | DATE        | DWN | APVD |
|   | С   | REV PER ECO 14-009912     | 7 - 7 - 1 4 | СТ  | WB   |
|   | D   | REVISED PER ECO-14-018872 | 14JAN15     | MGM | CT   |
|   |     |                           |             |     |      |
|   |     |                           |             |     |      |

|   | WITH STAMP & FORMED SZ<br>NON-REMOVABLE CONTACT<br>SEE SHEET #2 |  | 2221808-2    |
|---|---|--|--------------|
|   | WITH STD SZ 22 REMOVAE<br>CONTACTS<br>SEE SHEET #1              | BLE "00"                                     | 2221808-1    |
|   | DESCRIPTION   | KEYING<br>POSITION                           | PART NO.     |
| CONTROLLED DOCUMENT.  | DWN 1-29-14<br>С.С. THOMAS 1-29-14<br>Снк 1-29-14<br>W.BERNHART | ETE TE                                       | Connectivity |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br>0 PLC $\pm$ -<br>1 PLC $\pm$ -<br>2 PLC $\pm$ -<br>3 PLC $\pm$ -<br>3 PLC $\pm$ -<br>4 PLC $\pm$ - | APPLICATION SPEC  | RECEPTACLE ASSEMBI<br>ARINC 600,(BLANK/<br>- |              |
| ANGLES ±-   | А 1 0 0   |  | -            |
| -   | Customer Drawing  | scale 3:2                                    | SHEET OF REV |

D

В

| SIZE 22 STAMPED<br>AND FORMED<br>SOCKET CONTACTS | BODY: COPPER ALLOY               | BODY: .000050 [0.00127] MIN<br>GOLD ON MATING TINES,<br>SnPb ON TAIL, BOTH |
|--|----------------------------------|--|
| QTY = 150<br>(-2 ONLY)                           | HOOD: STAINLESS STEEL            | OVER NICKEL PLATE /1_<br>HOOD: PASSIVATED                                  |
| 150 POSITION INSERT<br>(-2 ONLY)                 | THERMOPLASTIC                    | NONE   |
| 11Q2 POSITION INSERT                             | THERMOSET                        |  |
| POLARIZATION KEYWAY                              | ZINC ALLOY<br>PER ASTM-B-86      |  |
| KEYWAY RETAINER<br>Plate                         | ALUMINUM ALLOY                   | BLUE ANODIZED<br>PER MIL-A-8625  |
| #6-32 CLINCH NUT<br>QTY = 6                      | STEEL                            | CADMIUM PLATED WITH<br>SUPP YELLOW CHROMATE                                |
| SHELL  | ALUMINUM ALLOY<br>PER ASTM-B-85  | ELCTROLESS NICKEL<br>PER MIL-C-26074                                       |
| RETENTION PLATES                                 | ALUMINUM ALLOY<br>PER ASTM-B-209 | CLASS 4, GRADE B   |
| COMPONENT  | MATERIAL                         | FINISH   |



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RELEASED FOR PUBLICATION

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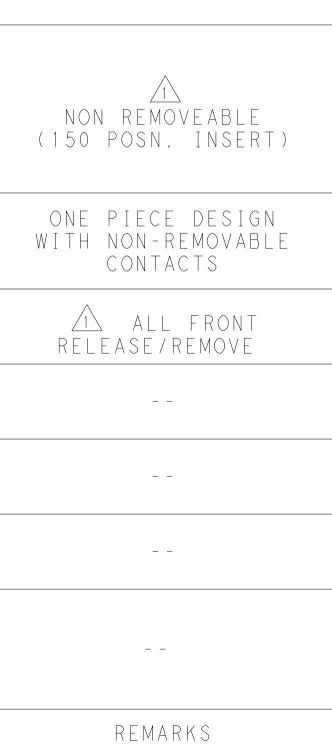
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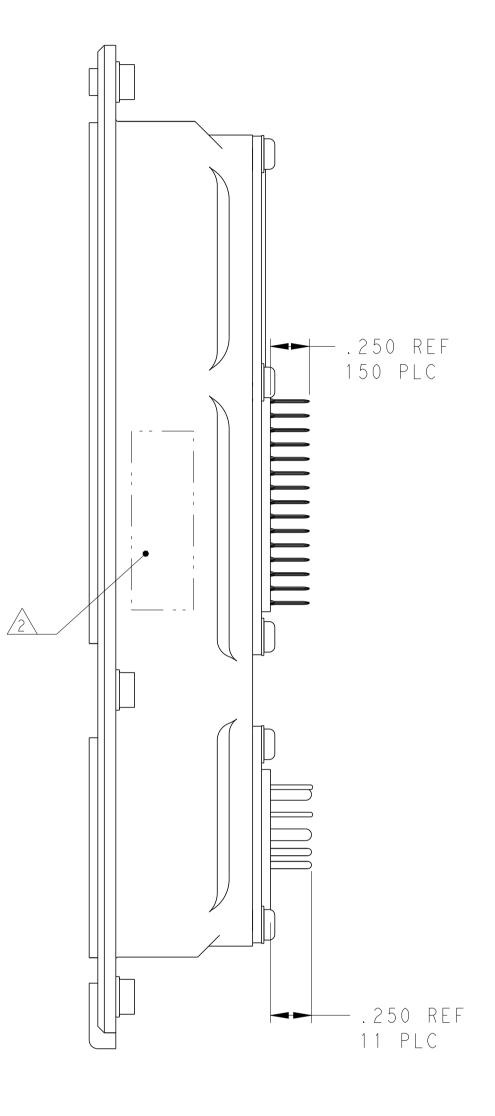
BY -

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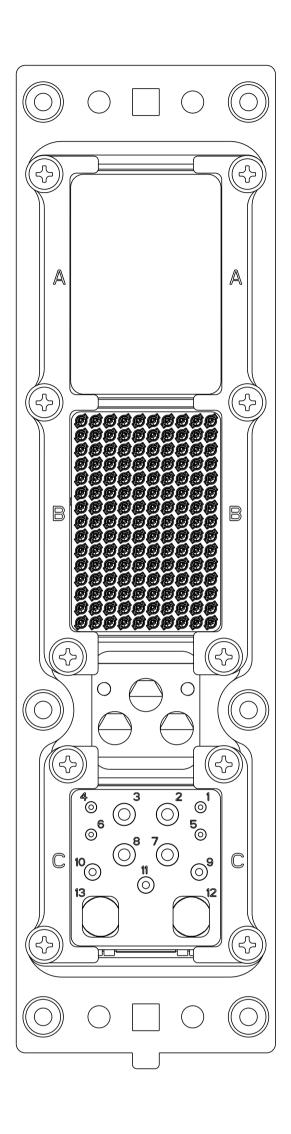
## DIMENSIONS SAME AS -1 EXCEPT AS SHOWN

5





4



3

ASSEMBLED CONNECTOR FEATURES COMPLY WITH ARINC 600 SPECIFICATION EXCEPT AS NOTED. A MANUFACTURER'S PART NO. AND DATE CODE (YY-WW) MARKED IN AREA SHOWN.

- 3. KEYING SHOWN IN POSITION "01" FOR REFERENCE ONLY. SEE TABLE FOR KEYING POSITION. FOR POSITION "OO" KEYING SHIPPED UNASSEMBLED.
- 4. THE FOLLOWING CONTACTS FOR THE 11Q2 POSITION INSERT ARE INCLUDED AND INSTALLED: SIZE 20 POSTED PIN CONTACT; TE PART NO. 1-448138-5; QTY = 4 SIZE 16 POSTED PIN CONTACT; TE PART NO. 1-448139-1; QTY = 3 SIZE 12 POSTED PIN CONTACT; TE PART NO. 448140-3; QTY = 4
- 5. CONNECTOR IS SUPPLIED WITH A DUST COVER INSTALLED FOR SHIPPING.

| THIS       | DRAWING    | ΙS         | А |  |  |  |  |  |
|------------|------------|------------|---|--|--|--|--|--|
|            | DIMENSIONS | ;          |   |  |  |  |  |  |
| INCHES[mm] |            |            |   |  |  |  |  |  |
|            | +          |            |   |  |  |  |  |  |
|            |            |            |   |  |  |  |  |  |
|            | I          |            |   |  |  |  |  |  |
| MATERIA    | L          |            |   |  |  |  |  |  |
|            | -          |            |   |  |  |  |  |  |
|            | IN         | DIMENSIONS |   |  |  |  |  |  |

|   |     | REVISIONS   |      |     |      |  |
|---|-----|-------------|------|-----|------|--|
| Р | LTR | DESCRIPTION | DATE | DWN | APVD |  |
|   | -   | SEE SHEET 1 | -    | -   | -    |  |
|   |     |             |      |     |      |  |
|   |     |             |      |     |      |  |
|   |     |             |      |     |      |  |
|   |     |             |      |     |      |  |

1

| 4 PLC<br>ANGLES         | ±-<br>+-                           | -                                  |               | SIZE | CAGE CODE    | DRAWING NO |         |        | R      | ESTRICTED TO |
|-------------------------|------------------------------------|------------------------------------|---------------|------|--------------|------------|---------|--------|--------|--------------|
| 1 PLC<br>2 PLC<br>3 PLC | ±-<br>±-<br>±.005 [0.13]           | -<br>APPLICATION SPEC              |               |      | A R I N<br>- | 600,       | (BLANK/ | 150/11 | Q2)    |              |
| OTHERWI                 | NCES UNLESS<br>SE SPECIFIED:<br>±- | APVD<br>W.BERNHART<br>PRODUCT SPEC | 1 - 29 - 14   | NAME |              |            | ASSEMB  |        |        |              |
|                         |                                    | C.C.THOMAS<br>CHK<br>W.BERNHART    | 1 - 2 9 - 1 4 |      |              | ET         | E TE    | Connec | tivity | r            |

В

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