

| LOC |     | DIST                        |  | REVISIONS |     |      |  |
|-----|-----|-----------------------------|--|-----------|-----|------|--|
| P   | LTR | DESCRIPTION                 |  | DATE      | DWN | APVD |  |
| V   |     | REVISED PER EC 0S13-0176-03 |  | 28MAY03   | JG  | CC   |  |
| V1  |     | REVISED PER ECO-09-021826   |  | 05JAN10   | KK  | AEG  |  |

1. CONNECTOR MATES WITH ANY 37 POSN PLUG IN AMPLIMITE™ SERIES.

2. MOLDED PARTS: FLAME RETARDANT 94V-0 RATED THERMOPLASTIC, BLACK.  
SHELL: STEEL PER ASTM A109  
CONTACTS: PHOSPHOR BRONZE PER QQ-B-750  
EYELETS: BRASS  
INSERTS AND SCREWLOCKS: ZINC  
BOARDLOCKS: COPPER ALLOY

3. SHELL: .000100 MIN TIN OR TIN-LEAD  
CONTACTS: SEE TABLE  
EYELETS: TIN  
BOARDLOCKS: SEE TABLE  
INSERTS AND SCREWLOCKS: CLEAR CHROMATE

4. GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727.

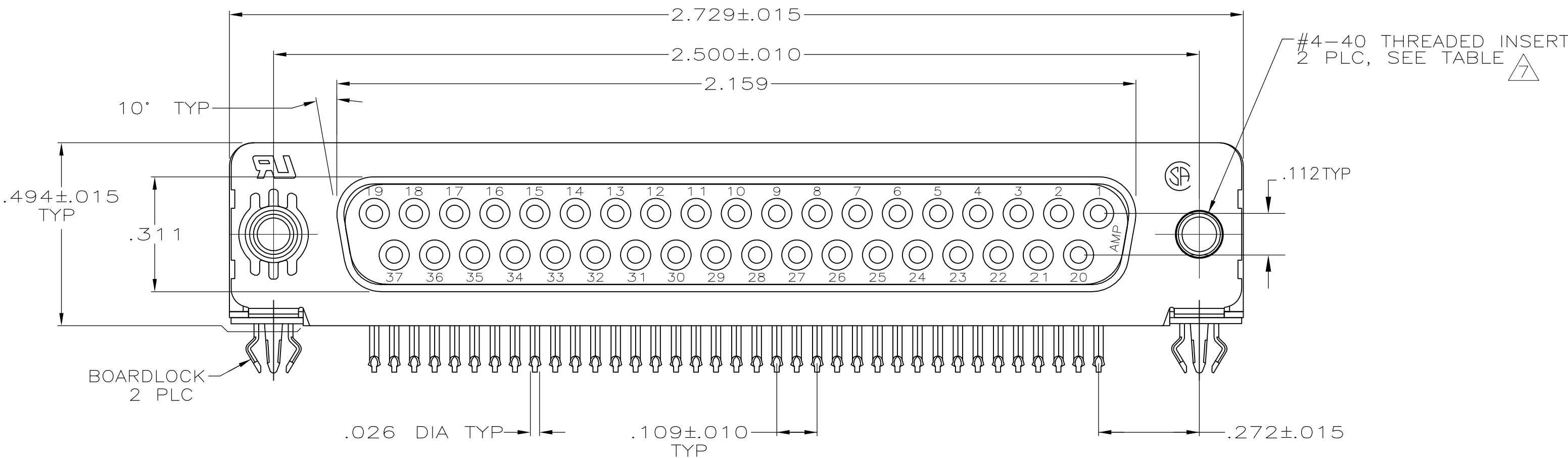
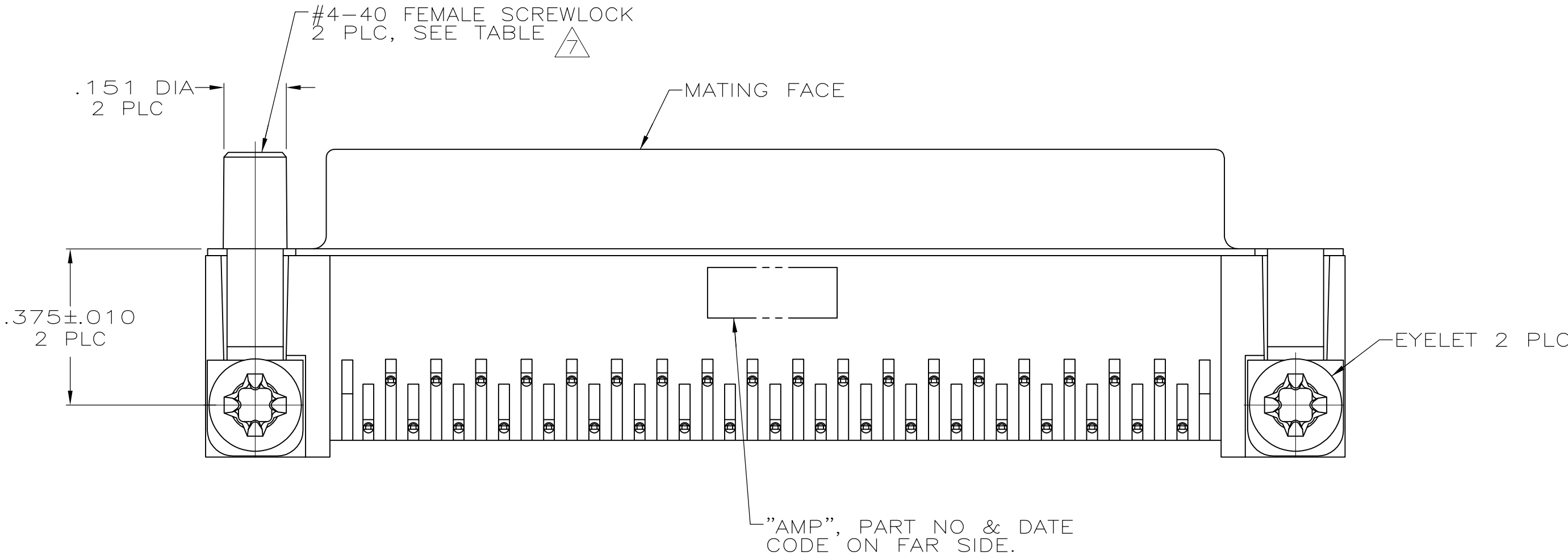
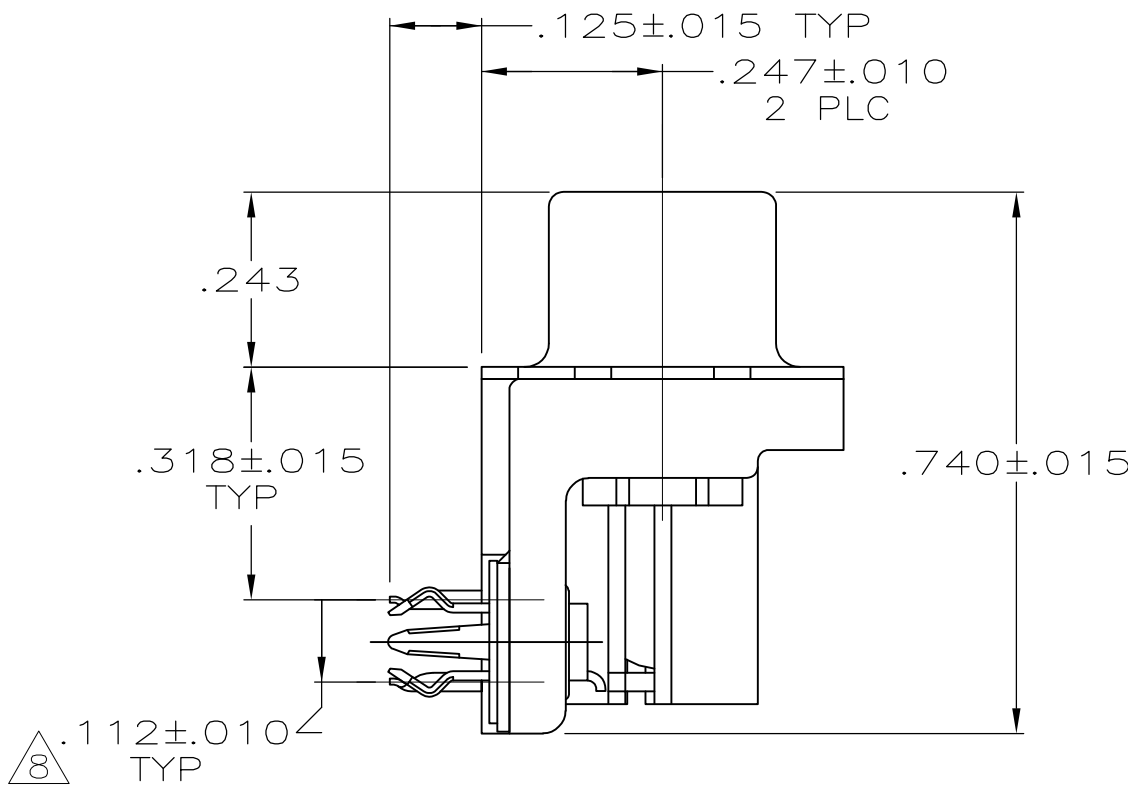
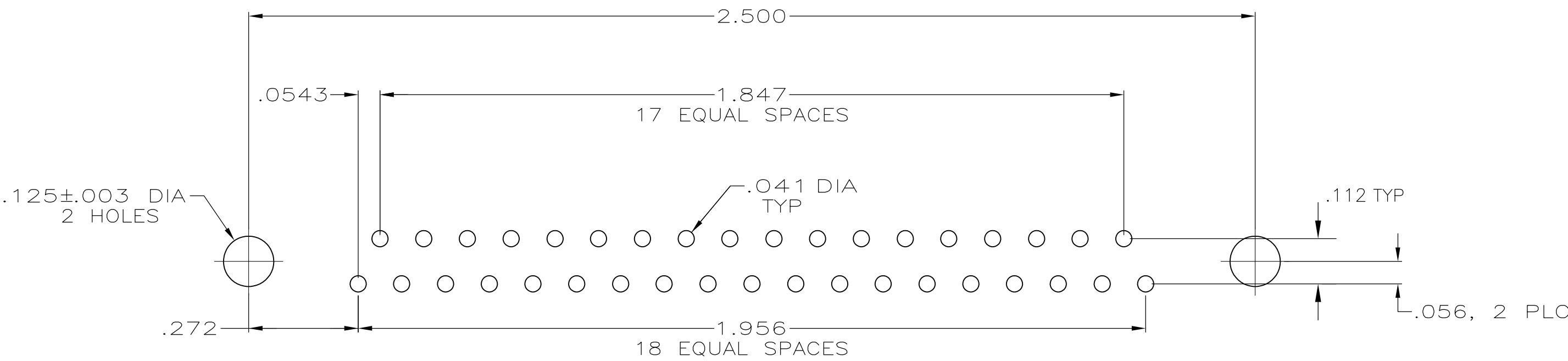
5. GOLD FLASH FOR A DISTANCE OF .100 MIN FROM MATING END, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD ON TERMINATION END, ALL OVER .000050 NICKEL ON ENTIRE CONTACT.

6. .000030 GOLD FOR A DISTANCE OF .100 MIN FROM MATING END, .000100-.000200 BRIGHT TIN OR BRIGHT TIN-LEAD ON TERMINATION END, ALL OVER .000050 NICKEL ON ENTIRE CONTACT.

7. SCREWLOCKS & INSERTS WILL WITHSTAND 4 IN-LBS TORQUE & 20 LBS PULL OUT FORCE FROM MATING FACE SIDE.

8. DIMENSION APPLIES FROM CENTER OF CONTACTS.

9. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



RECOMMENDED P.C. BOARD MOUNTING DIMENSIONS

|                   |                   |          |   |              |
|-------------------|-------------------|----------|---|--------------|
| OBSOLETE          | FEMALE SCREWLOCKS | TIN      | 6 | -6-747847-8- |
|                   | THREADED INSERTS  | TIN      | 6 | 6-747847-7   |
| SUPSD BY 747847-6 | FEMALE SCREWLOCKS | TIN-LEAD | 6 | 747847-6     |
|                   | FEMALE SCREWLOCKS | TIN-LEAD | 5 | 747847-5     |
| SUPSD BY 747847-4 | THREADED INSERTS  | TIN-LEAD | 6 | 747847-4     |
|                   | THREADED INSERTS  | TIN-LEAD | 5 | 747847-3     |
| SUPSD BY 747847-4 | .125 DIA HOLES    | TIN-LEAD | 6 | 747847-2     |
|                   | .125 DIA HOLES    | TIN-LEAD | 5 | 747847-1     |
| OBSOLETE          |                   |          |   |              |

|                   |  |                  |                |             |
|-------------------|--|------------------|----------------|-------------|
| MOUNTING HARDWARE |  | BOARDLOCK FINISH | CONTACT FINISH | PART NUMBER |
|-------------------|--|------------------|----------------|-------------|

|                                        |                                        |                             |                                                                                                                                          |                               |
|----------------------------------------|----------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN J.GALLUCCI/BG 28-JAN-91 | AMP Incorporated Harrisburg, PA 17105-3608                                                                                               |                               |
| DIMENSIONS: INCHES                     |                                        | CHK W.G. LENKER 15-APR-91   | NAME RECEPTACLE ASSEMBLY, SIZE 4, 37 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, .026 DIA POSTS, BOARDLOCKS, AMPLIMITE™ HD-20 |                               |
|                                        | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD J. YOUNG 15-APR-91     | PRODUCT SPEC 108-40025                                                                                                                   | SIZE                          |
|                                        |                                        |                             | APPLICATION SPEC 114-40010                                                                                                               | CAGE CODE                     |
|                                        |                                        |                             | WEIGHT                                                                                                                                   | DRAWING NO                    |
| MATERIAL                               | FINISH                                 | ANGLES                      | WEIGHT                                                                                                                                   | RESTRICTED TO                 |
| AND CALLOUTS                           | AND CALLOUTS                           |                             | CUSTOMER DRAWING                                                                                                                         | SCALE 4:1 SHEET 1 OF 1 REV V1 |