

| LOC |  | DIST |  | REVISIONS |     |                             |  |         |     |      |
|-----|--|------|--|-----------|-----|-----------------------------|--|---------|-----|------|
| BD  |  | 77   |  | P         | LTR | DESCRIPTION                 |  | DATE    | DWN | APVD |
|     |  |      |  |           | R   | REVISED PER EC 0640-0272-99 |  | 23NOV99 | DD  | KB   |
|     |  |      |  |           | S   | REV PER EC 001D-0113-00     |  | 31AUG01 | JR  |      |

- 1

NYLON, UL 94V-0 RATED, 30% GLASS FILLED, BLACK.
- 2

STEEL PER ASTM A109.
- 3

PHOSPHOR BRONZE PER QQ-B-750.
- 4

EYELETS: BRASS; INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.
- 5

PLATED .000100 MIN THICK BRIGHT TIN OVER .000050 MIN THICK COPPER.
- 6

GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727.
- 7

PLATED WITH .000030 GOLD ON MATING END, .000120 MIN TIN-LEAD ON SOLDER TAIL; ALL OVER .000050 MIN NICKEL UNDERPLATE.
- 8

PLATED WITH GOLD FLASH ON MATING END, .000120 MIN TIN-LEAD ON SOLDER TAIL; ALL OVER .000050 MIN NICKEL UNDERPLATE.
- 9

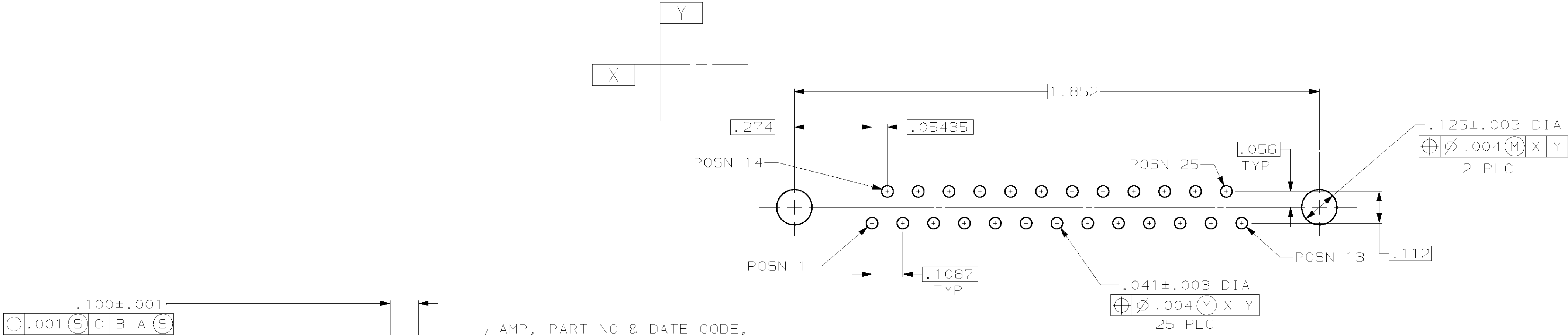
PLATED WITH .000010 GOLD ON MATING END, .000120 MIN TIN-LEAD ON SOLDER TAIL; ALL OVER .000050 MIN NICKEL UNDERPLATE.
- 10

EYELETS: BRIGHT TIN PLATED; INSERTS: CLEAR CHROMATE; BOARDLOCKS: TIN-LEAD PLATED.
- 11

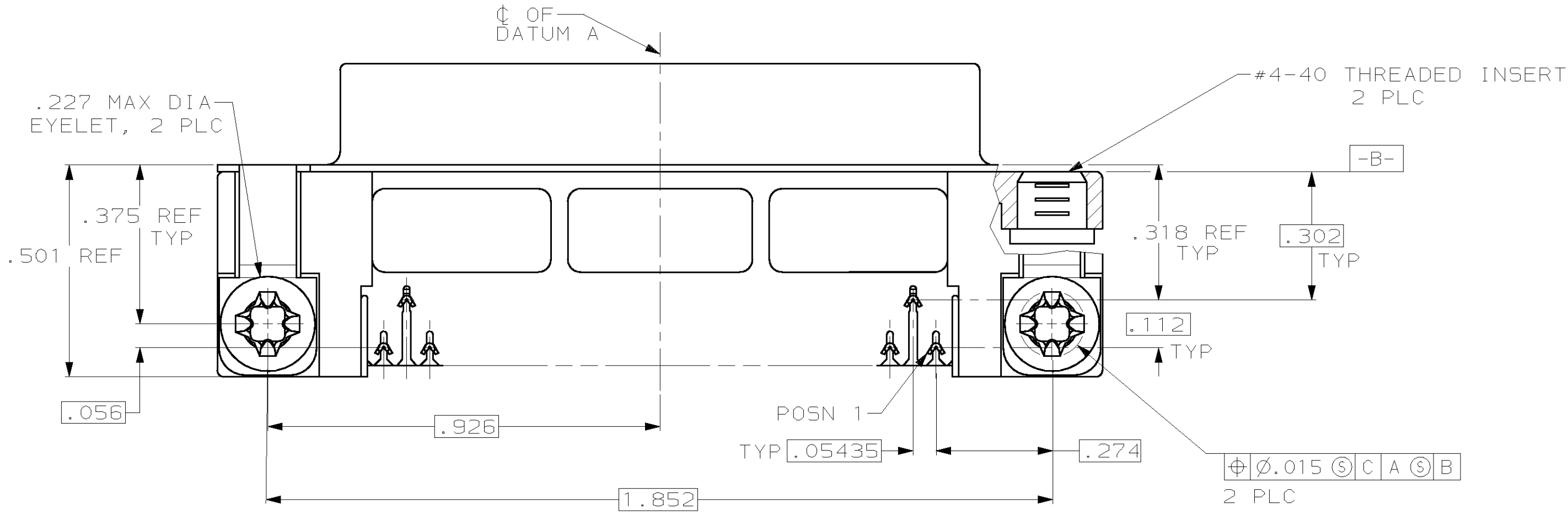
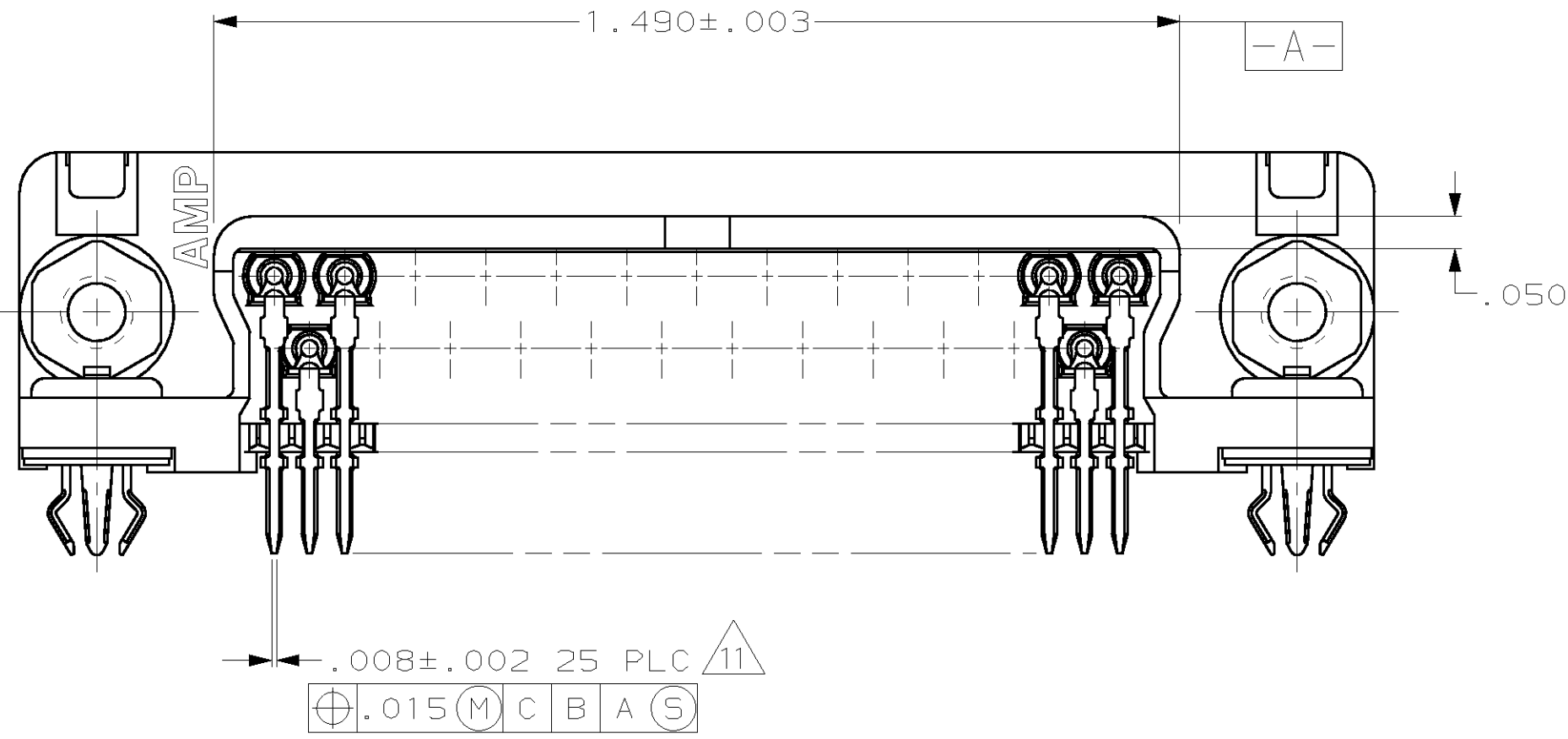
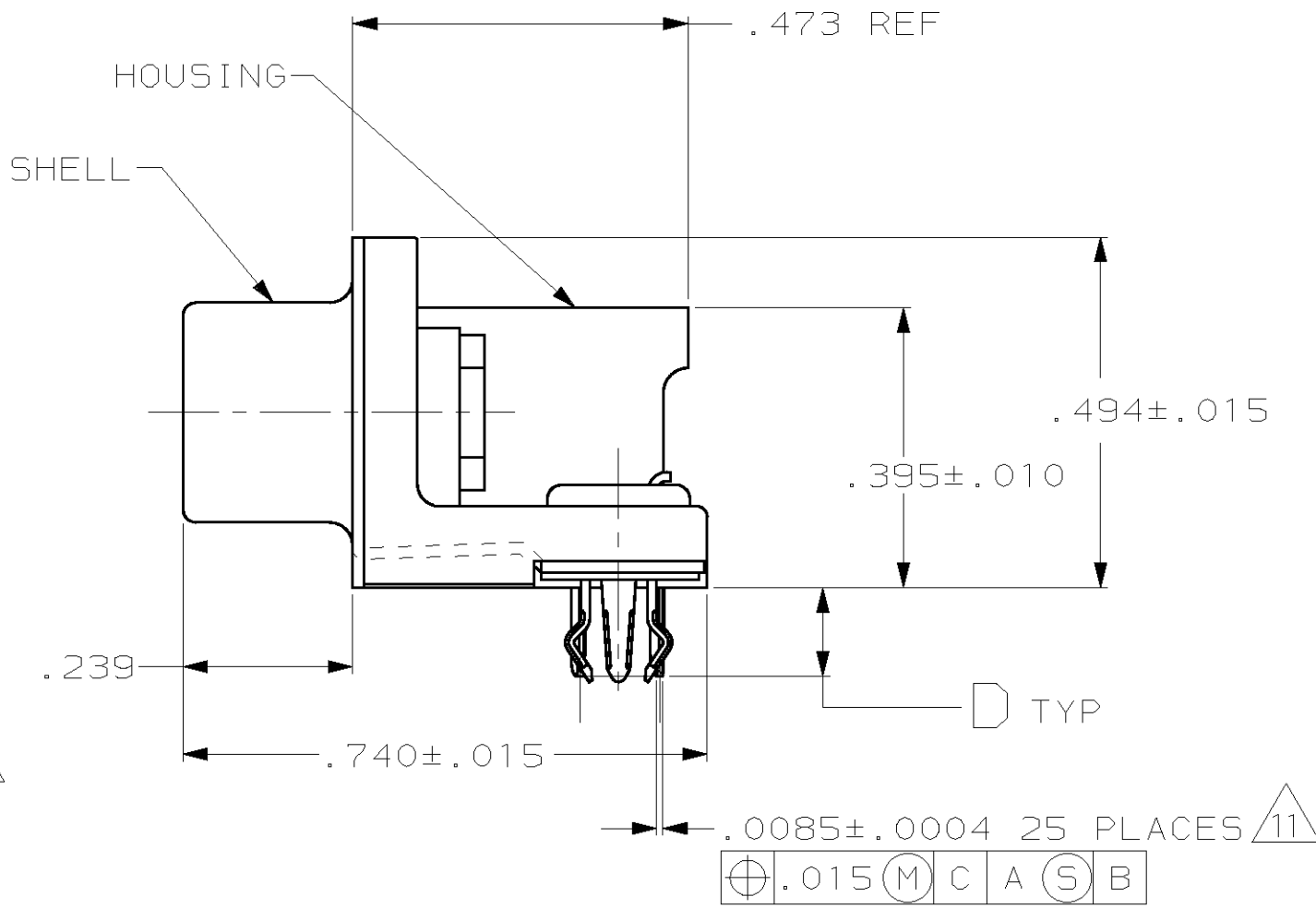
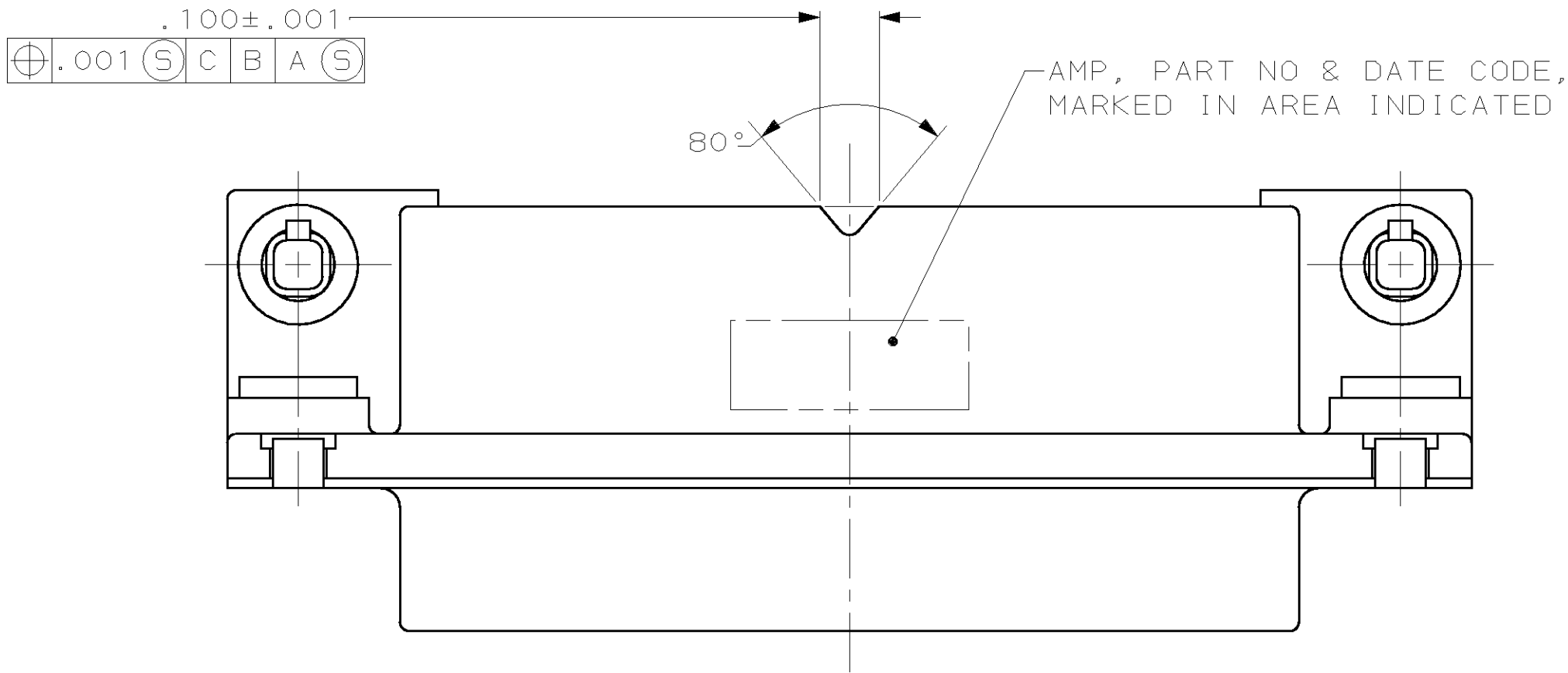
POSITION TOLERANCE APPLIES AT TIP ONLY.
- 12

BOARDLOCKS WILL EXTEND .085 MAX BELOW .062 THICK P.C. BOARD.

13. COMPATIBLE WITH TYPICAL HIGH TEMPERATURE SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.



PC BOARD MOUNTING DIMENSIONS  
.093 MAX PC BOARD THICKNESS



|                   |           |          |                |             |
|-------------------|-----------|----------|----------------|-------------|
| SUPSD BY 748877-1 | .085±.010 | TRAYS    | 1              | 748877-3    |
| OBSOLETE          | .125±.020 | TUBES    | 2              | 748877-6    |
| SUPSD BY 748877-1 | .125±.020 | TUBES    | 3              | 748877-5    |
| SUPSD BY 748877-2 | .125±.020 | TUBES    | 4              | 748877-4    |
| SUPSD BY 748877-1 | .125±.020 | TRAYS    | 5              | 748877-3    |
| SUPSD BY 788800-2 | .125±.020 | TRAYS    | 6              | 748877-2    |
| SUPSD BY 788800-1 | .125±.020 | TRAYS    | 7              | 748877-1    |
| D                 |           | PACKAGED | CONTACT FINISH | PART NUMBER |

|                                                                                        |  |                                    |                                                                                                                                                    |  |
|----------------------------------------------------------------------------------------|--|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                 |  | DWN<br>S.G. SMITH<br>21 DEC 88     | AMP Incorporated<br>Harrisburg, PA 17105-3608                                                                                                      |  |
| DIMENSIONS:<br>INCHES                                                                  |  | CHK<br>G.R. DEFIBAUGH<br>21 DEC 88 | NAME<br>RECEPTACLE ASSEMBLY, SIZE 3, 25 POSITION,<br>METAL SHELL, RIGHT ANGLE, .318 SERIES, WITH<br>THREADED INSERTS AND BOARDLOCKS,AMPLIMITE III® |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED.                                                 |  | APVD<br>B.H. MOSSER<br>03 JAN 89   | PRODUCT SPEC<br>108-1226                                                                                                                           |  |
| 0 PLC ±.005<br>1 PLC ±.005<br>2 PLC ±.005<br>3 PLC ±.005<br>4 PLC ±.005<br>ANGLES ±.2° |  | APPLICATION SPEC<br>114-40028      | SIZE<br>A1                                                                                                                                         |  |
| MATERIAL<br>HOUSING: △<br>SHELL: △                                                     |  | CONTACTS: △<br>HARDWARE: △         | WEIGHT<br>-                                                                                                                                        |  |
| CONTACTS: SEE TABLE                                                                    |  | CONTACTS: SEE TABLE                | CAGE CODE<br>00779                                                                                                                                 |  |
| FINISH: △                                                                              |  | FINISH: △                          | DRAWING NO<br>748877                                                                                                                               |  |
| CUSTOMER DRAWING                                                                       |  | SCALE<br>4:1                       | SHEET<br>1 OF 1                                                                                                                                    |  |
|                                                                                        |  |                                    | REV<br>5                                                                                                                                           |  |