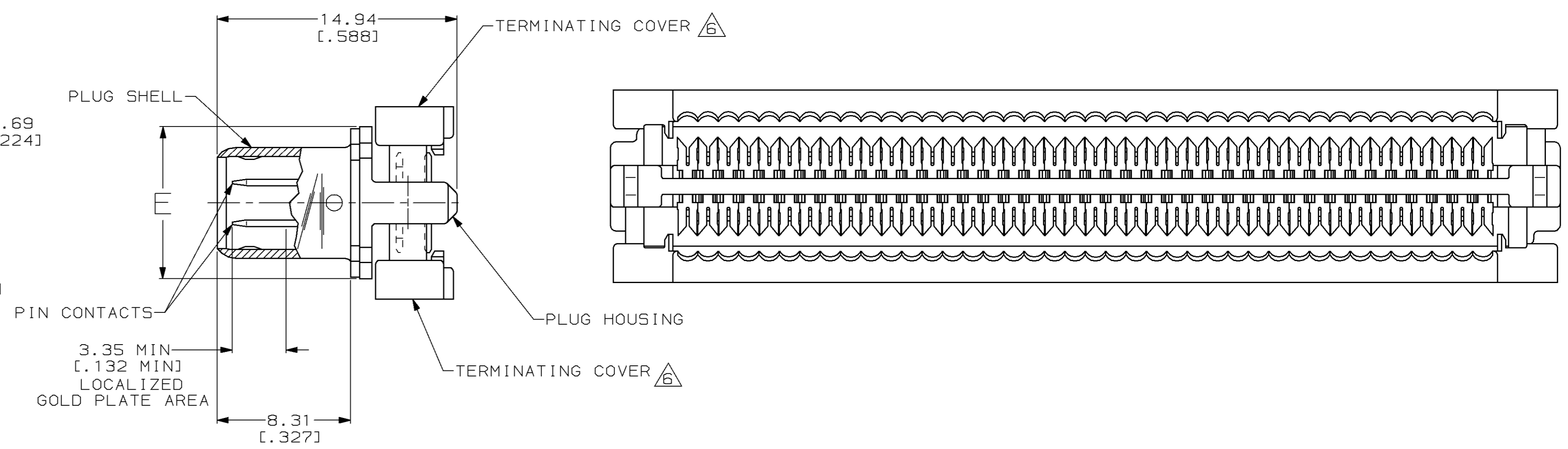
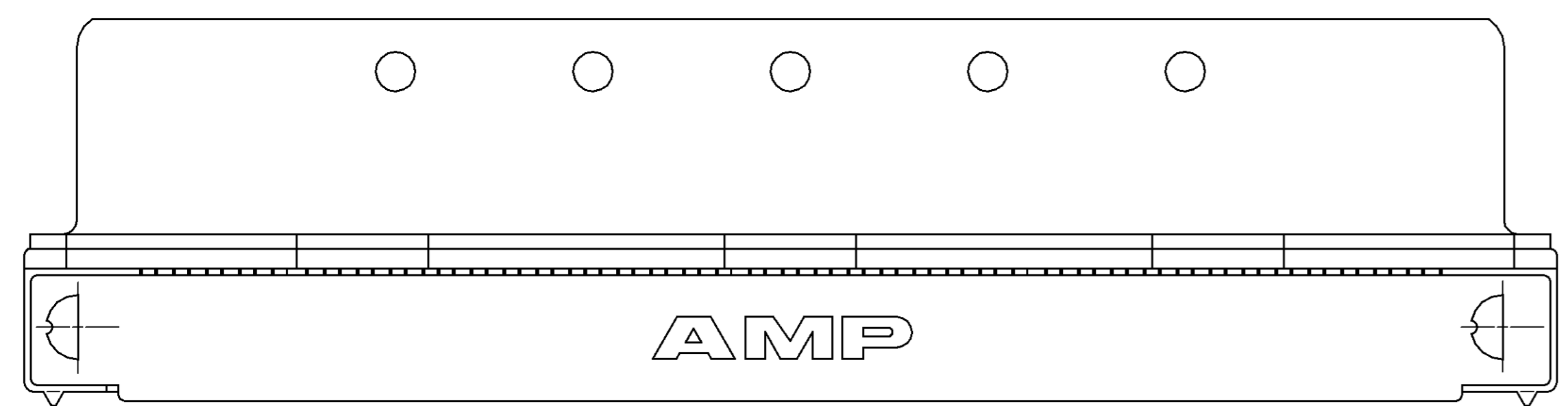
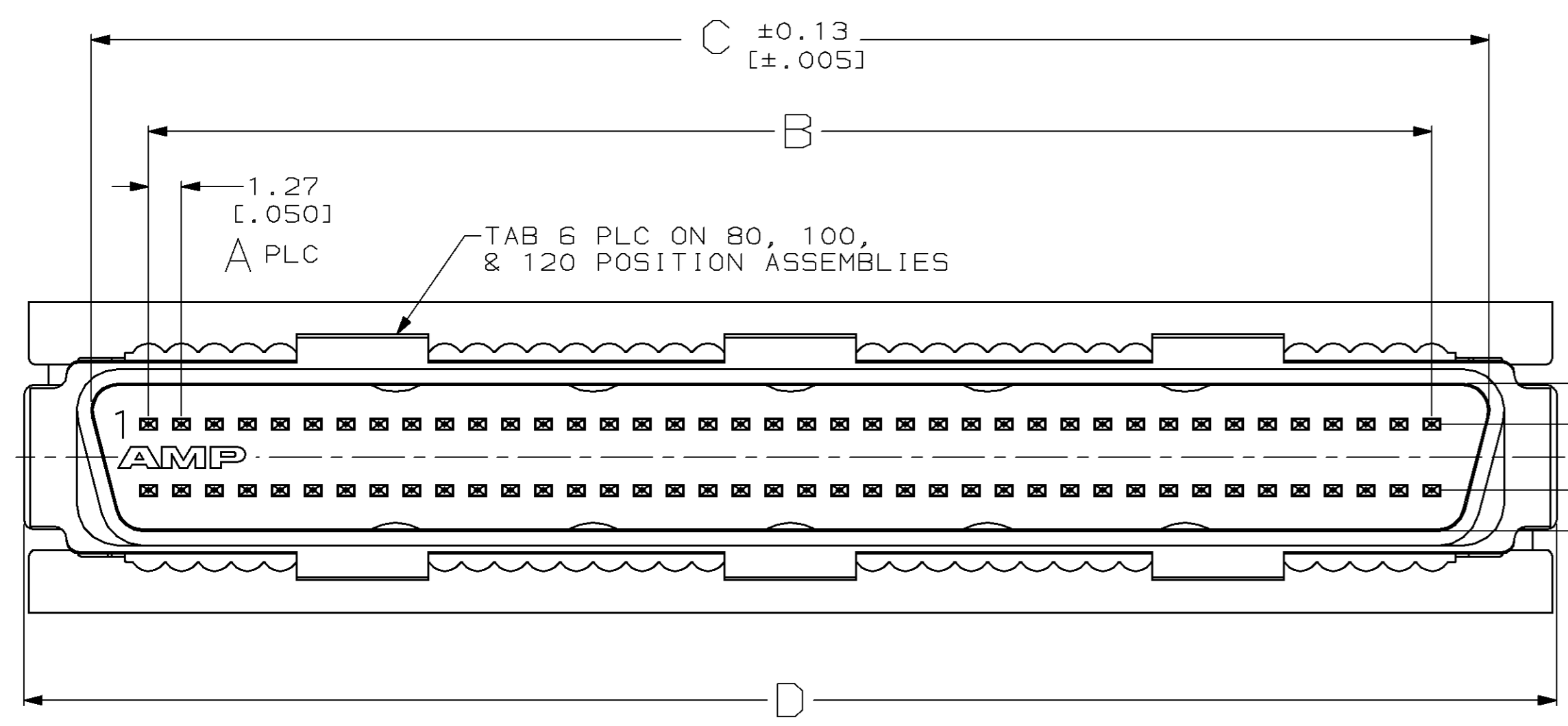


| LOC | | DIST | | P | | F | | ZONE | | LTR | | REVISIONS | | | |
|-----|----|------|--|---|--|---|--|------|--|-----|--|-------------|--|-----------|----|
| BD | 95 | | | | | | | | | | | DESCRIPTION | DATE | APPD | |
| | | | | | | | | | | | | H | REV PER EC 0020-1245-93 | 11/18/93 | RM |
| | | | | | | | | | | | | J | REV PER EC 0020-1168-94 | 11/09/94 | RM |
| | | | | | | | | | | | | K | REV PER EC 0020-1318-94 | 03/21/95 | RM |
| | | | | | | | | | | | | L | REV PER EC 0020-0228-95 | 07/11/95 | RM |
| | | | | | | | | | | | | M | ADDED 1--5 PER EC 0020-1382-95 | 14 DEC 95 | RM |
| | | | | | | | | | | | | N | REV PER EC 0020-981-94 | 05 FEB 96 | RM |
| | | | | | | | | | | | | P | OBSOLETE -1, -6 AND -11 PER EC 0020-481-96 | 10 FEB 97 | LB |



- ① PIN CONTACTS: PHOSPHOR BRONZE.
PLUG SHELL: STEEL.
PLUG HOUSING AND TERMINATING COVERS: THERMOPLASTIC, BLACK, UL V-0 RATED.
- ② 0.25µm[.000010] MIN TIN-NICKEL OVER 3.81µm[.000150] MIN NICKEL OVER 2.54 µm [.000100] MIN COPPER.
- ③ 0.76µm[.000030] MIN GOLD IN LOCALIZED GOLD PLATE AREA, 1.52µm[.000060] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER 1.27µm[.000050] MIN NICKEL.
- ④ GOLD FLASH IN LOCALIZED GOLD PLATE AREA, 1.52µm[.000060] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER 1.27µm[.000050] MIN NICKEL.
- ⑤ 500 CYCLES DURABILITY PER 108-1228 DOES NOT APPLY FOR CONNECTORS WITH LESS THAN 0.76µm[.000030] THICK GOLD.
- ⑥ TERMINATING COVERS ARE PACKAGED SEPARATELY.
- 7. RECOMMENDED WIRE:
28 AWG OR 30 AWG, SOLID OR 7 STRAND, WITH A 0.74-0.91 [.029-.036] INSULATION DIAMETER. WIRE MUST BE APPROVED BY AMP INCORPORATED.
- ⑧ OBSOLETE PART NUMBER.

| | | | | | | | | |
|----------------|------------------|------------------|------------------|----|---|-----|---|------------|
| 7.44 [.293] | 40.11 [1.579] | 34.85 [1.372] | 30.48 [1.200] | 24 | ④ | 50 | ⑤ | 1-749621-5 |
| 7.44 [.293] | 31.22 [1.229] | 25.96 [1.022] | 21.59 [.850] | 17 | ③ | 36 | ⑧ | 1-749621-1 |
| 9.47 [.373] | 84.56 [3.329] | 79.30 [3.122] | 74.93 [2.950] | 59 | ③ | 120 | | 1-749621-0 |
| 9.47 [.373] | 71.86 [2.829] | 66.60 [2.622] | 62.23 [2.450] | 49 | ③ | 100 | | 749621-9 |
| 9.47 [.373] | 59.16 [2.329] | 53.90 [2.122] | 49.53 [1.950] | 39 | ③ | 80 | | 749621-8 |
| 7.44 [.293] | 51.54 [2.029] | 46.28 [1.822] | 41.91 [1.650] | 33 | ③ | 68 | | 749621-7 |
| 7.44 [.293] | 46.46 [1.829] | 41.20 [1.622] | 36.83 [1.450] | 29 | ③ | 60 | ⑧ | 749621-6 |
| 7.44 [.293] | 40.11 [1.579] | 34.85 [1.372] | 30.48 [1.200] | 24 | ③ | 50 | | 749621-5 |
| 7.44 [.293] | 33.76 [1.329] | 28.50 [1.122] | 24.13 [.950] | 19 | ③ | 40 | | 749621-4 |
| 7.44 [.293] | 26.14 [1.029] | 20.88 [.822] | 16.51 [.650] | 13 | ③ | 28 | | 749621-3 |
| 7.44 [.293] | 24.87 [.979] | 19.61 [.772] | 15.24 [.600] | 12 | ③ | 26 | | 749621-2 |
| 7.44 [.293] | 21.06 [.829] | 15.80 [.622] | 11.43 [.450] | 9 | ③ | 20 | ⑧ | 749621-1 |

| E | | D | | C | | B | | A | | CONTACT FINISH | NO OF POSN | PART NO |
|---|--|--|--|---------------------------------|--|----------------------------------|--|----------------------------|--|---|------------|---------|
| DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES] TOLERANCES ON: | | | | | | | | | | | | |
| 2 PLC DEC ± 0.38 [.015] | | | | | | | | | | | | |
| ANGLES ± - | | | | | | | | | | | | |
| MATERIAL | | ① | | FINISH | | SHELL: ③ | | CONTACTS: SEE TABLE | | | | |
| DR 03/31/89 M.E. SHIRK | | CHK 04/03/89 JOHN A. ROOT | | APPD 04/04/89 WAYNE S. DAVIS | | APPD 04/04/89 ROBERT WHITEMAN | | PRODUCT SPEC 108-1228 ⑤ | | AMP INCORPORATED Harrisburg, Pa. 17105 | | |
| NAME | | KIT, PLUG ASSEMBLY, AMPLIMITE®.050 Series | | SIZE D | | FSCM NO 00779 | | DRAWING NO 749621 | | SCALE 5:1 | | |
| WEIGHT | | | | SHEET | | 1 OF 1 | | | | | | |