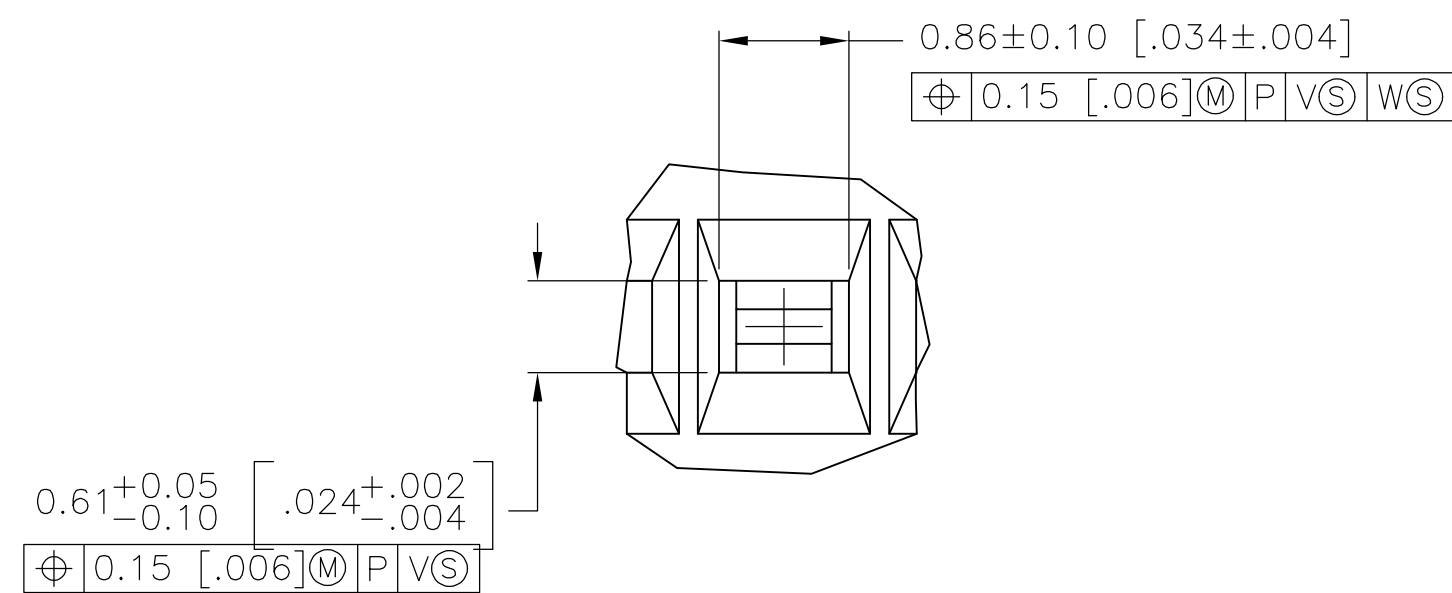
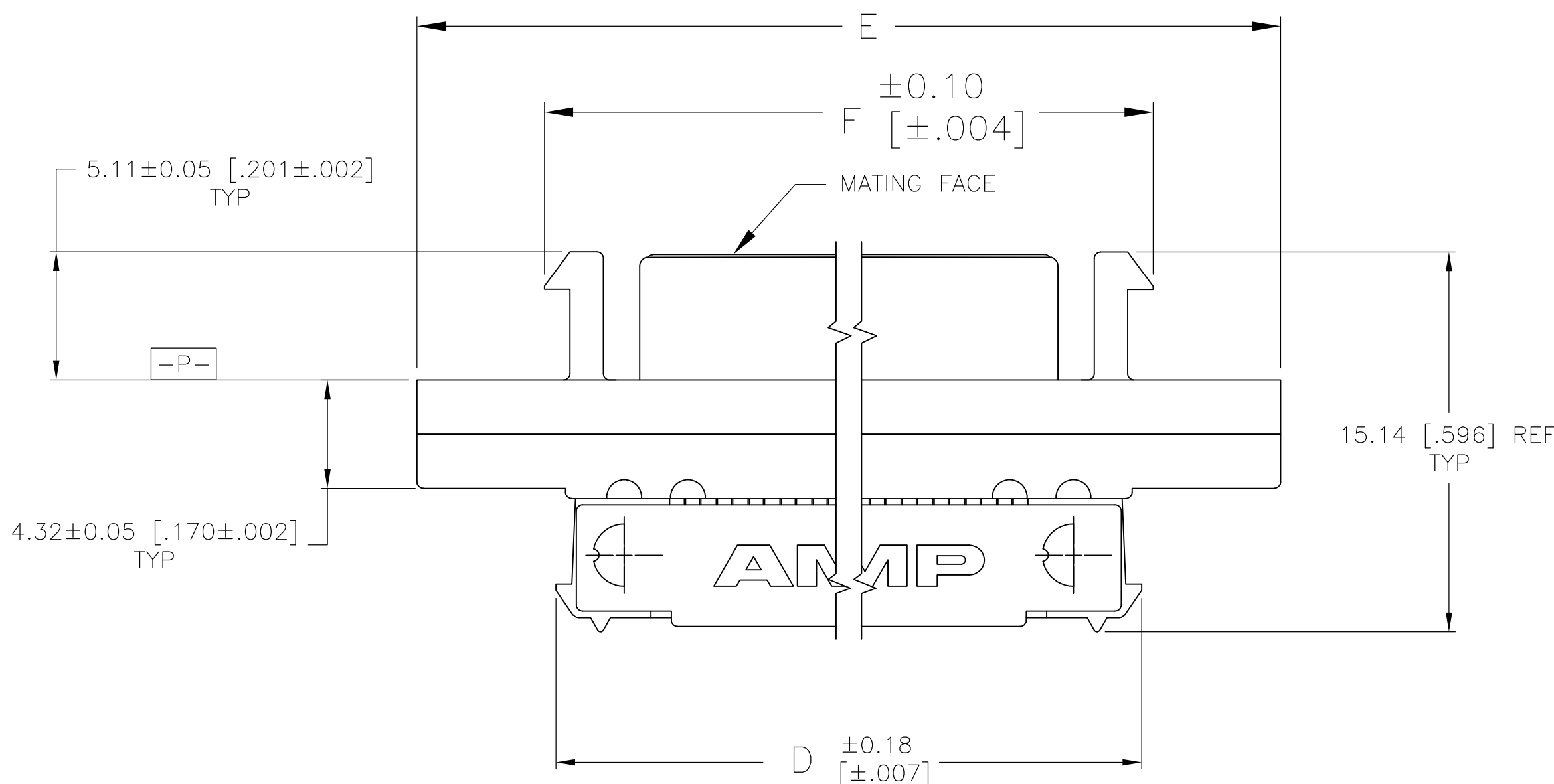
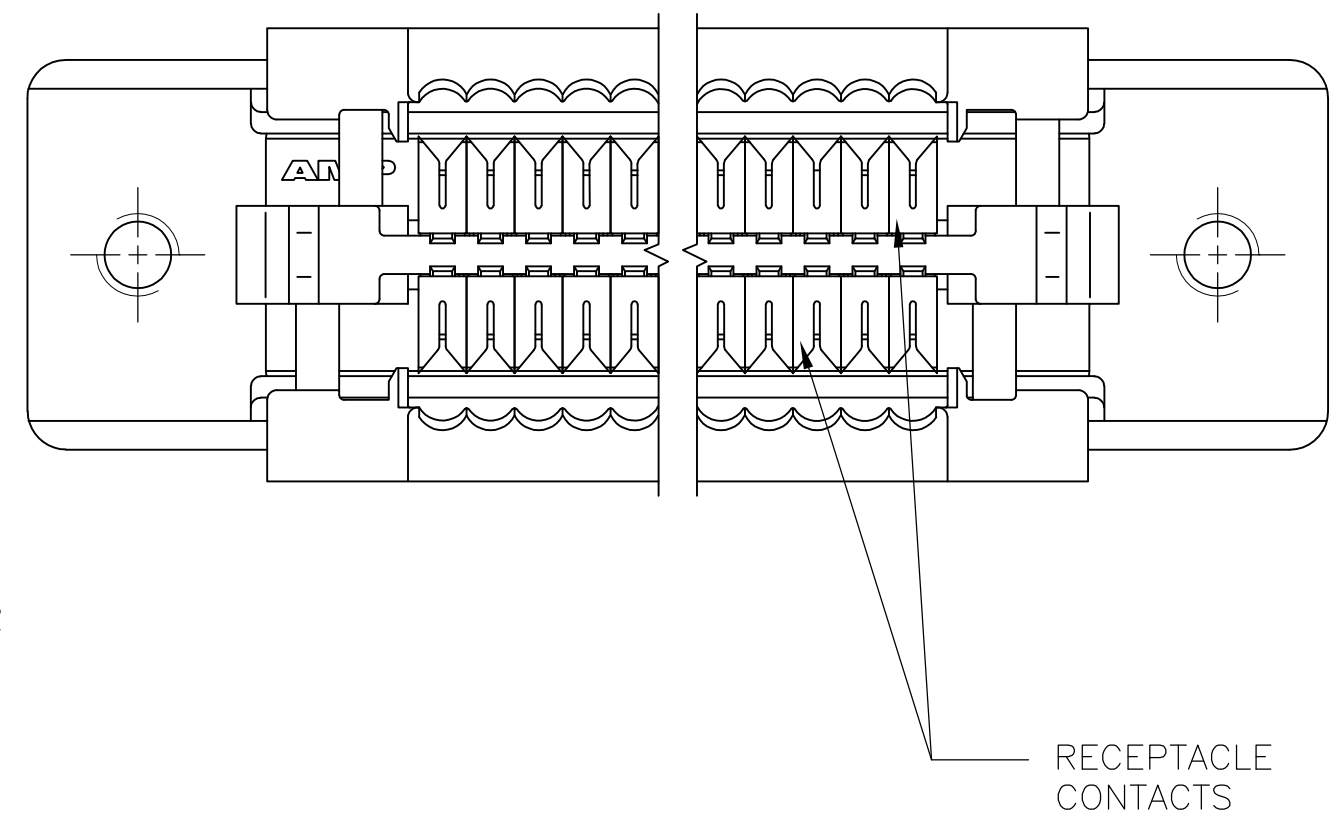
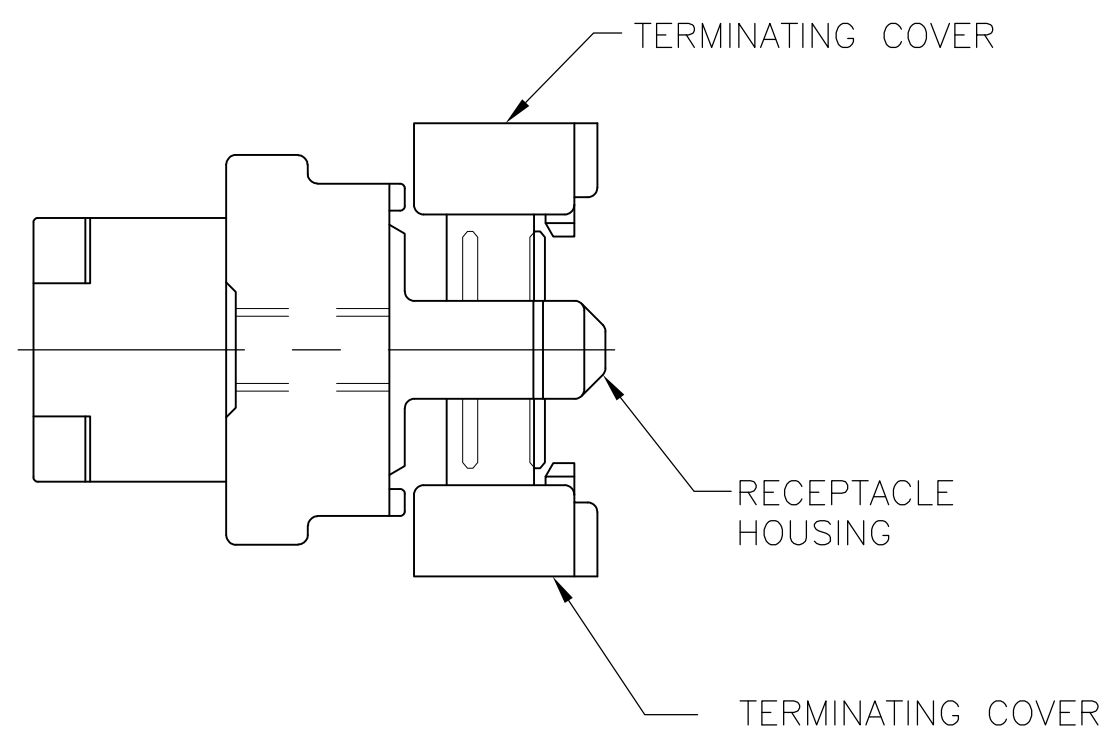
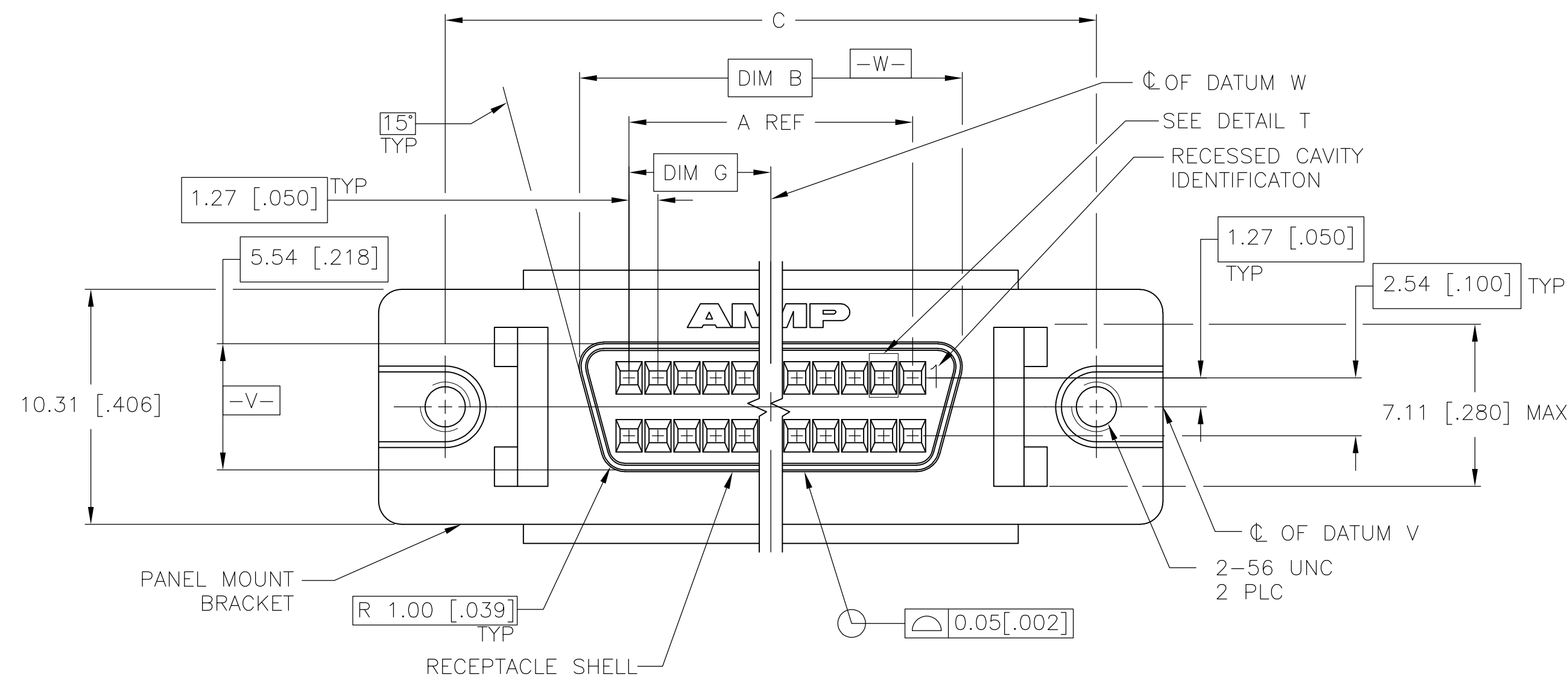


|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| GP  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | S1  | REVISED PER ECO-11-004835 | 11MAR11 | RK  | HMR  |



DETAIL T  
SCALE 20:1  
TYPICAL

- 1 MATERIAL:  
RECEPTACLE CONTACTS- PHOSPHOR BRONZE.  
RECEPTACLE SHELL- STEEL  
PANEL MOUNT BRACKET- ZINC.  
RECEPTACLE HOUSING AND TERMINATION COVERS- UL V-0 RATED THERMOPLASTIC, COLOR:  
BLACK.
- 2 PLATING:  
RECEPTACLE CONTACTS- EITHER  $0.76\mu\text{m}$  [.000030] MIN GOLD PLATE OR GOLD FLASH OVER  
PALLADIUM NICKEL PLATE,  $0.76\mu\text{m}$  [.000030] MIN TOTAL IN CONTACT AREA,  $1.27\mu\text{m}$  [.000050]  
MIN TIN-LEAD IN TERMINATION AREA, ALL OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL.  
RECEPTACLE SHELL-  $5.08\mu\text{m}$  [.000200] MIN NICKEL OVER  $1.27\mu\text{m}$  [.000050] MIN COPPER.  
PANEL MOUNT BRACKET-  $5.08\mu\text{m}$  [.000200] MIN NICKEL OVER  $7.62\mu\text{m}$  [.000300] MIN COPPER.
3. RECOMMENDED WIRE:  
28 AWG OR 30 AWG, SOLID OR 7 STRANDED, PVC INSULATION WITH A  $0.74-0.91$  [.029-.036]  
INSULATION DIA.
- 4 OBSOLETE PART NUMBER.
- 5 PLATING:  
RECEPTACLE CONTACTS- EITHER  $0.76\mu\text{m}$  [.000030] MIN GOLD PLATE OR GOLD FLASH OVER  
PALLADIUM NICKEL PLATE,  $0.76\mu\text{m}$  [.000030] MIN TOTAL IN CONTACT AREA,  $1.27\mu\text{m}$  [.000050]  
MIN TIN IN TERMINATION AREA, ALL OVER  $1.27\mu\text{m}$  [.000050] MIN NICKEL.  
RECEPTACLE SHELL-  $5.08\mu\text{m}$  [.000200] MIN NICKEL OVER  $1.27\mu\text{m}$  [.000050] MIN COPPER.  
PANEL MOUNT BRACKET-  $5.08\mu\text{m}$  [.000200] MIN NICKEL OVER  $7.62\mu\text{m}$  [.000300] MIN COPPER.

|                                                                                       |           |                  |                  |                  |                  |                  |                  |                  |            |                                                                                                |
|---------------------------------------------------------------------------------------|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------|------------------------------------------------------------------------------------------------|
|  | NO        | 37.46<br>[1.475] | 86.74<br>[3.415] | 96.90<br>[3.815] | 85.83<br>[3.379] | 90.93<br>[3.580] | 79.15<br>[3.116] | 74.93<br>[2.950] | 120        | 6-749656-0                                                                                     |
|  | NO        | 20.96<br>[.825]  | 53.72<br>[2.115] | 63.88<br>[2.515] | 52.81<br>[2.079] | 57.91<br>[2.280] | 46.13<br>[1.816] | 41.91<br>[1.650] | 68         | 1-749656-2                                                                                     |
|  | NO        | 15.24<br>[.600]  | 42.29<br>[1.665] | 52.45<br>[2.065] | 41.38<br>[1.629] | 46.48<br>[1.830] | 34.70<br>[1.366] | 30.48<br>[1.200] | 50         | 1-749656-1                                                                                     |
|  | NO        | 37.46<br>[1.475] | 86.74<br>[3.415] | 96.90<br>[3.815] | 85.83<br>[3.379] | 90.93<br>[3.580] | 79.15<br>[3.116] | 74.93<br>[2.950] | 120        | 1-749656-0                                                                                     |
|  | NO        | 31.12<br>[1.225] | 74.04<br>[2.915] | 84.20<br>[3.315] | 73.13<br>[2.879] | 78.23<br>[3.080] | 66.45<br>[2.616] | 62.23<br>[2.450] | 100        |  749656-9 |
|  | NO        | 24.76<br>[.975]  | 61.34<br>[2.415] | 71.50<br>[2.815] | 60.43<br>[2.379] | 65.53<br>[2.580] | 53.75<br>[2.116] | 49.53<br>[1.950] | 80         |  749656-8 |
|  | NO        | 20.96<br>[.825]  | 53.72<br>[2.115] | 63.88<br>[2.515] | 52.81<br>[2.079] | 57.91<br>[2.280] | 46.13<br>[1.816] | 41.91<br>[1.650] | 68         | 749656-7                                                                                       |
|  | NO        | 18.42<br>[.725]  | 48.64<br>[1.915] | 58.80<br>[2.315] | 47.73<br>[1.879] | 52.83<br>[2.080] | 41.05<br>[1.616] | 36.83<br>[1.450] | 60         |  749656-6 |
|  | NO        | 15.24<br>[.600]  | 42.29<br>[1.665] | 52.45<br>[2.065] | 41.38<br>[1.629] | 46.48<br>[1.830] | 34.70<br>[1.366] | 30.48<br>[1.200] | 50         | 749656-5                                                                                       |
|  | NO        | 12.06<br>[.475]  | 35.94<br>[1.415] | 46.10<br>[1.815] | 35.03<br>[1.379] | 40.13<br>[1.580] | 28.35<br>[1.116] | 24.13<br>[.950]  | 40         |  749656-4 |
|  | NO        | 8.26<br>[.325]   | 28.32<br>[1.115] | 38.48<br>[1.515] | 27.41<br>[1.079] | 32.51<br>[1.280] | 20.73<br>[.816]  | 16.51<br>[.650]  | 28         |  749656-3 |
|  | NO        | 5.72<br>[.225]   | 23.24<br>[.915]  | 33.40<br>[1.315] | 22.33<br>[.879]  | 27.43<br>[1.080] | 15.65<br>[.616]  | 11.43<br>[.450]  | 20         |  749656-2 |
|  | NO        | 7.62<br>[.300]   | 27.05<br>[1.065] | 37.21<br>[1.465] | 26.14<br>[1.029] | 31.24<br>[1.230] | 19.46<br>[.766]  | 15.24<br>[.600]  | 26         |  749656-1 |
| FINISH                                                                                | DATE CODE | G                | F                | E                | D                | C                | B                | A                | NO OF POSN | PART NO                                                                                        |

|                                                                                                                                                                                               |  |                                                                                             |  |                                                                                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                                                        |  | DRN<br>M.MCCAFFREY 08/25/89<br>CHK<br>J.BROSCHARD 09/05/89<br>APP'D<br>R. WHITEMAN 10/24/89 |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                                                                                                                                    |  | TOLERANCES, UNLESS<br>OTHERWISE SPECIFIED:                                                  |  | NAME                                                                                                  |  |
| <br>0 PL/C ± —<br>1 PL/C ± —<br>2 PL/C ± 0.13 [.005]<br>3 PL/C ± —<br>4 PL/C ± —<br>ANGLES<br>FINISH ± — |  | PRODUCT SPEC<br>108-1228<br>APPLICATION SPEC<br>114-40029                                   |  | RECEPTACLE CABLE ASSEMBLY,<br>RAILLESS, PANEL MOUNT,<br>AMPLIMITE .050 SERIES                         |  |
| MATERIAL                                                                                                                                                                                      |  | WEIGHT                                                                                      |  | RESTRICTED TO —                                                                                       |  |
| <br>SEE TABLE                                                                                            |  | CUSTOMER DRAWING                                                                            |  | SCALE 5:1<br>SHEET 1 of 1<br>REV. S                                                                   |  |
|                                                                                                                                                                                               |  | A1 00779 C=749656                                                                           |  |                                                                                                       |  |