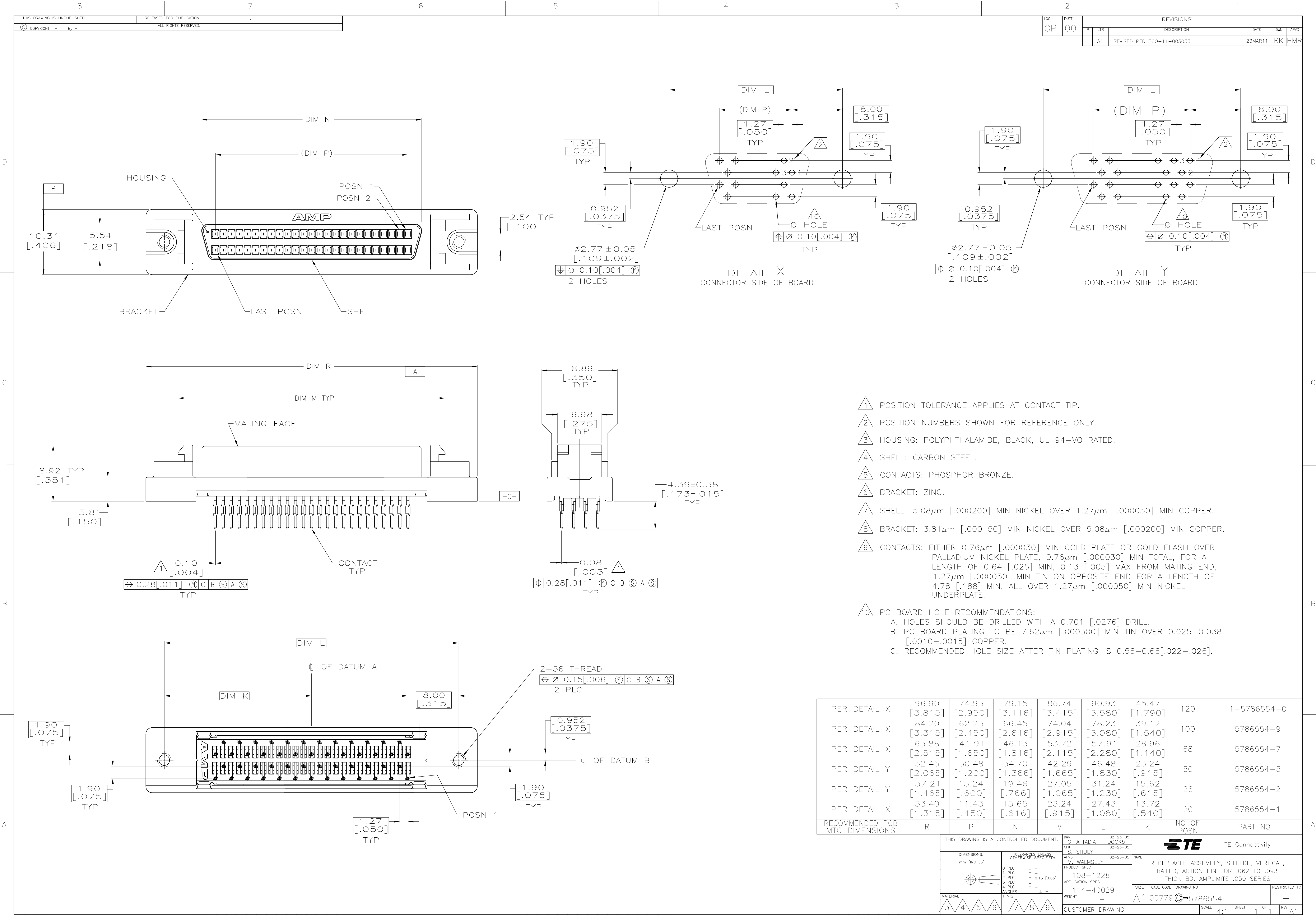




- 1 POSITION TOLERANCE APPLIES AT CONTACT TIP.
- 2 POSITION NUMBERS SHOWN FOR REFERENCE ONLY.
- 3 HOUSING: POLYPHTHALAMIDE, BLACK, UL 94-VO RATED.
- 4 SHELL: CARBON STEEL.
- 5 CONTACTS: PHOSPHOR BRONZE.
- 6 BRACKET: ZINC.
- 7 SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.
- 8 BRACKET: 3.81µm [.000150] MIN NICKEL OVER 5.08µm [.000200] MIN COPPER.
- 9 CONTACTS: EITHER 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL, FOR A LENGTH OF 0.64 [.025] MIN, 0.13 [.005] MAX FROM MATING END, 1.27µm [.000050] MIN TIN ON OPPOSITE END FOR A LENGTH OF 4.78 [.188] MIN, ALL OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE.
- 10 PC BOARD HOLE RECOMMENDATIONS:
  - A. HOLES SHOULD BE DRILLED WITH A 0.701 [.0276] DRILL.
  - B. PC BOARD PLATING TO BE 7.62µm [.000300] MIN TIN OVER 0.025-0.038 [.0010-.0015] COPPER.
  - C. RECOMMENDED HOLE SIZE AFTER TIN PLATING IS 0.56-0.66[.022-.026].

|                                |                  |                  |                  |                  |                  |                  |            |             |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------|-------------|
| PER DETAIL X                   | 96.90<br>[3.815] | 74.93<br>[2.950] | 79.15<br>[3.116] | 86.74<br>[3.415] | 90.93<br>[3.580] | 45.47<br>[1.790] | 120        | 1-5786554-0 |
| PER DETAIL X                   | 84.20<br>[3.315] | 62.23<br>[2.450] | 66.45<br>[2.616] | 74.04<br>[2.915] | 78.23<br>[3.080] | 39.12<br>[1.540] | 100        | 5786554-9   |
| PER DETAIL X                   | 63.88<br>[2.515] | 41.91<br>[1.650] | 46.13<br>[1.816] | 53.72<br>[2.115] | 57.91<br>[2.280] | 28.96<br>[1.140] | 68         | 5786554-7   |
| PER DETAIL Y                   | 52.45<br>[2.065] | 30.48<br>[1.200] | 34.70<br>[1.366] | 42.29<br>[1.665] | 46.48<br>[1.830] | 23.24<br>[.915]  | 50         | 5786554-5   |
| PER DETAIL Y                   | 37.21<br>[1.465] | 15.24<br>[.600]  | 19.46<br>[.766]  | 27.05<br>[1.065] | 31.24<br>[1.230] | 15.62<br>[.615]  | 26         | 5786554-2   |
| PER DETAIL X                   | 33.40<br>[1.315] | 11.43<br>[.450]  | 15.65<br>[.616]  | 23.24<br>[.915]  | 27.43<br>[1.080] | 13.72<br>[.540]  | 20         | 5786554-1   |
| RECOMMENDED PCB MTG DIMENSIONS | R                | P                | N                | M                | L                | K                | NO OF POSN | PART NO     |

|                                        |  |  |  |  |  |  |  |  |  |                            |  |                                                                                                                   |  |                 |  |
|----------------------------------------|--|--|--|--|--|--|--|--|--|----------------------------|--|-------------------------------------------------------------------------------------------------------------------|--|-----------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |  |  |  |  |  |  |  |  | DWG C. ATTADIA - 02-25-05  |  |                              |  | TE Connectivity |  |
| DIMENSIONS: mm [INCHES]                |  |  |  |  |  |  |  |  |  | CHK S. SHUEY 02-25-05      |  | APPROD M. WALMSLEY 02-25-05                                                                                       |  | NAME            |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  |  |  |  |  |  |  |  |  | PRODUCT SPEC 108-1228      |  | RECEPTACLE ASSEMBLY, SHIELD, VERTICAL,<br>RAILED, ACTION PIN FOR .062 TO .093<br>THICK BUD, AMPLIMITE .050 SERIES |  | RESTRICTED TO   |  |
| 0 PLC ± -                              |  |  |  |  |  |  |  |  |  | APPLICATION SPEC 114-40029 |  |                                                                                                                   |  |                 |  |
| 1 PLC ± -                              |  |  |  |  |  |  |  |  |  |                            |  |                                                                                                                   |  |                 |  |
| 2 PLC ± 0.13 [.005]                    |  |  |  |  |  |  |  |  |  | SIZE                       |  | CAGE CODE                                                                                                         |  | DRAWING NO      |  |
| 3 PLC ± -                              |  |  |  |  |  |  |  |  |  | A1                         |  | 00779                                                                                                             |  | C=5786554       |  |
| 4 PLC ± -                              |  |  |  |  |  |  |  |  |  | SCALE                      |  | 4:1                                                                                                               |  | SHEET 1 of 1    |  |
| ANGLES ± -                             |  |  |  |  |  |  |  |  |  | CUSTOMER DRAWING           |  | REV                                                                                                               |  | A1              |  |
| MATERIAL                               |  |  |  |  |  |  |  |  |  | WEIGHT                     |  | SCALE                                                                                                             |  | SHEET           |  |
| FINISH                                 |  |  |  |  |  |  |  |  |  | A1                         |  | 4:1                                                                                                               |  | 1 of 1          |  |
| 3 4 5 6                                |  |  |  |  |  |  |  |  |  | 7 8 9                      |  | A1                                                                                                                |  | REV             |  |