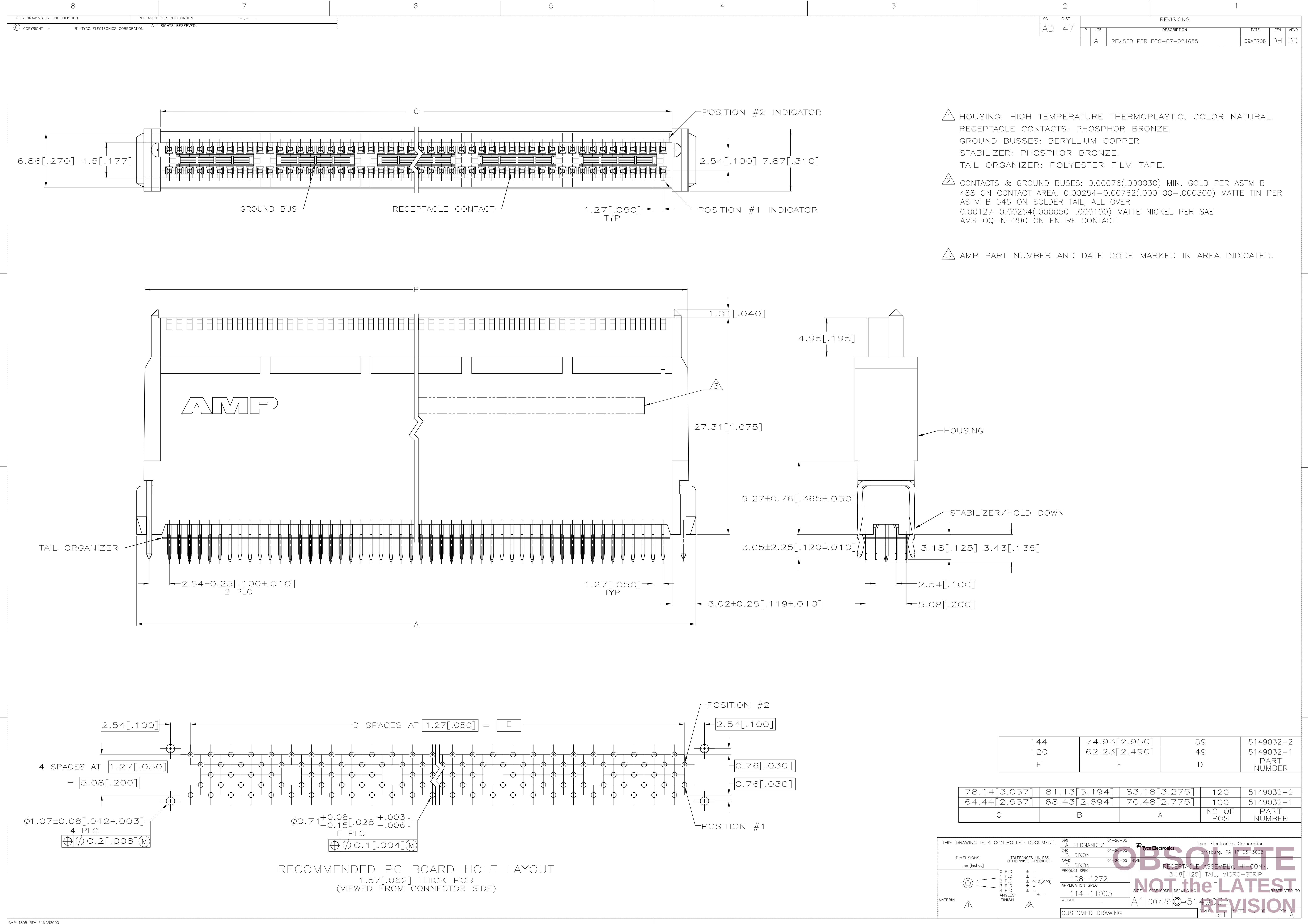




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| LOC |  | DIST |  | REVISIONS |                           |         |     |
|-----|--|------|--|-----------|---------------------------|---------|-----|
| AD  |  | 47   |  | REV       | LTR                       | DATE    | DWN |
|     |  |      |  | A         | REVISED PER ECO-07-024655 | 09APR08 | DD  |

- △ HOUSING: HIGH TEMPERATURE THERMOPLASTIC, COLOR NATURAL.  
RECEPTACLE CONTACTS: PHOSPHOR BRONZE.  
GROUND BUSES: BERYLLIUM COPPER.  
STABILIZER: PHOSPHOR BRONZE.  
TAIL ORGANIZER: POLYESTER FILM TAPE.
- △ CONTACTS & GROUND BUSES: 0.00076(.000030) MIN. GOLD PER ASTM B 488 ON CONTACT AREA, 0.00254-0.00762(.000100-.000300) MATTE TIN PER ASTM B 545 ON SOLDER TAIL, ALL OVER  
0.00127-0.00254(.000050-.000100) MATTE NICKEL PER SAE AMS-QQ-N-290 ON ENTIRE CONTACT.
- △ AMP PART NUMBER AND DATE CODE MARKED IN AREA INDICATED.

|     |               |    |             |
|-----|---------------|----|-------------|
| 144 | 74.93 [2.950] | 59 | 5149032-2   |
| 120 | 62.23 [2.490] | 49 | 5149032-1   |
| F   | E             | D  | PART NUMBER |

|               |               |               |           |             |
|---------------|---------------|---------------|-----------|-------------|
| 78.14 [3.037] | 81.13 [3.194] | 83.18 [3.275] | 120       | 5149032-2   |
| 64.44 [2.537] | 68.43 [2.694] | 70.48 [2.775] | 100       | 5149032-1   |
| C             | B             | A             | NO OF POS | PART NUMBER |

|                                        |                                                                                       |                                                            |                                  |                                                             |        |
|----------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|-------------------------------------------------------------|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                       | DWN<br>A. FERNANDEZ<br>CHK<br>D. DIXON<br>APVD<br>D. DIXON | 01-20-05<br>01-20-05<br>01-20-05 | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608   |        |
| DIMENSIONS:<br>mm[inches]              | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                | PRODUCT SPEC                                               | 108-1272                         | RECEPTACLE ASSEMBLY, HI-CONN, 3.18 [.125] TAIL, MICRO-STRIP |        |
|                                        | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.13 [.005]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - | APPLICATION SPEC                                           | 114-11005                        | RESTRICTED TO                                               |        |
| MATERIAL                               | FINISH                                                                                | WEIGHT                                                     | -                                | A1 00779 © 5149032                                          |        |
| CUSTOMER DRAWING                       |                                                                                       | SCALE                                                      | 5:1                              | SHEET                                                       | 1 OF 1 |

RECOMMENDED PC BOARD HOLE LAYOUT  
1.57 [.062] THICK PCB  
(VIEWED FROM CONNECTOR SIDE)