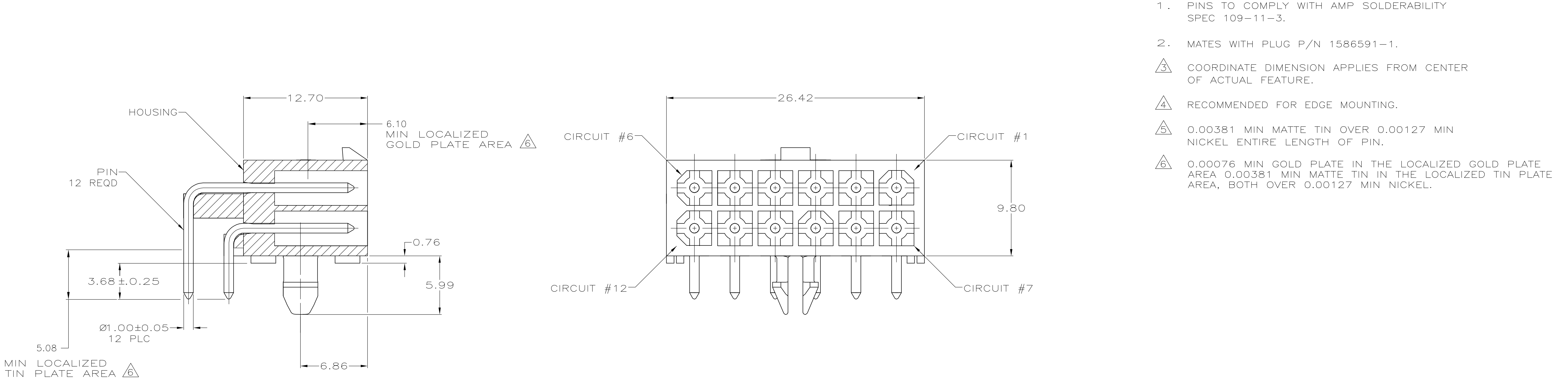
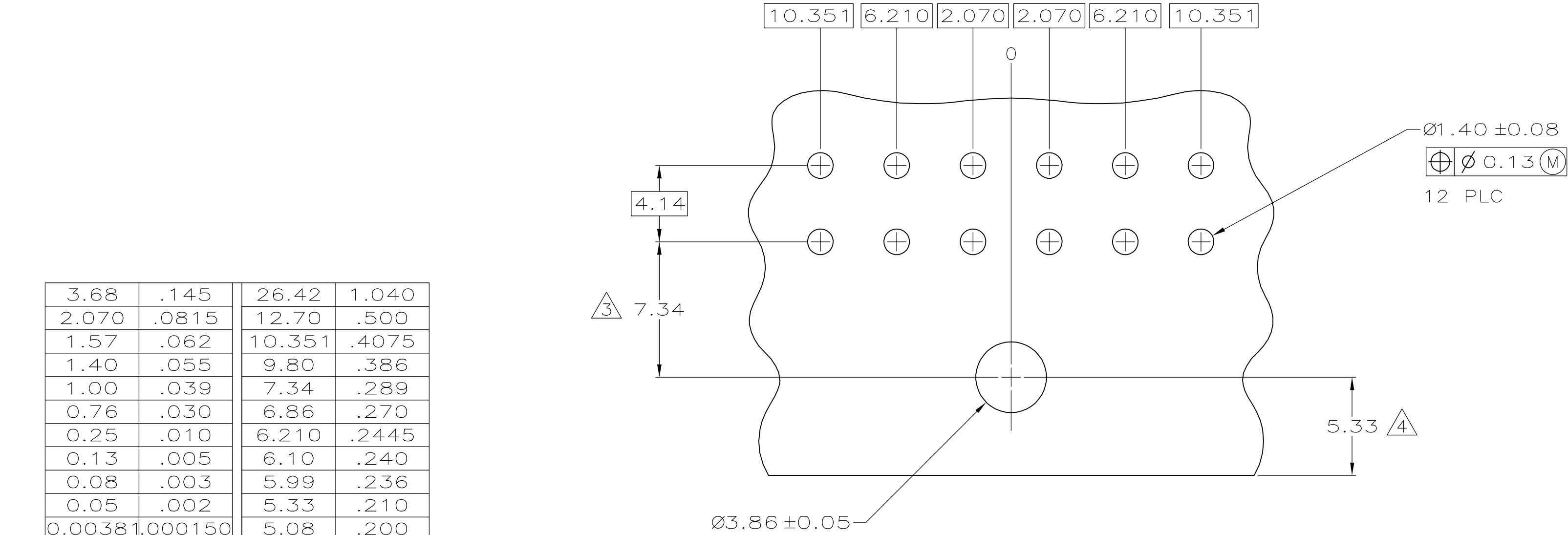


| LOC |  | DIST |  | REVISIONS |     |                           |  |         |     |      |
|-----|--|------|--|-----------|-----|---------------------------|--|---------|-----|------|
| CM  |  | 00   |  | P         | LTR | DESCRIPTION               |  | DATE    | DWN | APVD |
|     |  |      |  |           | B   | REVISED PER ECO-05-016182 |  | 22DEC05 | KW  | CJ   |



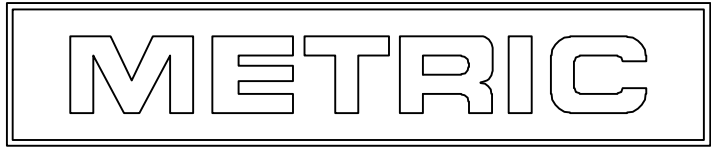
1. PINS TO COMPLY WITH AMP SOLDERABILITY SPEC 109-11-3.
2. MATES WITH PLUG P/N 1586591-1.
3. COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
4. RECOMMENDED FOR EDGE MOUNTING.
5. 0.00381 MIN MATTE TIN OVER 0.00127 MIN NICKEL ENTIRE LENGTH OF PIN.
6. 0.00076 MIN GOLD PLATE IN THE LOCALIZED GOLD PLATE AREA 0.00381 MIN MATTE TIN IN THE LOCALIZED TIN PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.



|         |         |        |       |
|---------|---------|--------|-------|
| 3.68    | .145    | 26.42  | 1.040 |
| 2.070   | .0815   | 12.70  | .500  |
| 1.57    | .062    | 10.351 | .4075 |
| 1.40    | .055    | 9.80   | .386  |
| 1.00    | .039    | 7.34   | .289  |
| 0.76    | .030    | 6.86   | .270  |
| 0.25    | .010    | 6.210  | .2445 |
| 0.13    | .005    | 6.10   | .240  |
| 0.08    | .003    | 5.99   | .236  |
| 0.05    | .002    | 5.33   | .210  |
| 0.00381 | .000150 | 5.08   | .200  |
| 0.00127 | .000050 | 4.14   | .163  |
| 0.00076 | .000030 | 3.86   | .152  |
| MM      | IN      | MM     | IN    |

CONVERSION TABLE

RECOMMENDED MOUNTING HOLE PATTERN  
FOR 1.57 THICK P.C. BOARD



|          |        |                |       |             |
|----------|--------|----------------|-------|-------------|
| BRASS    | 6      | NYLON, UL94V-0 | WHITE | 1586614-2   |
| BRASS    | 5      | NYLON, UL94V-0 | WHITE | 1586614-1   |
| MATERIAL | FINISH | MATERIAL       | COLOR | PART NUMBER |
| PIN      |        | HOUSING        |       |             |

|                                        |  |                                                           |                                     |                                                           |  |
|----------------------------------------|--|-----------------------------------------------------------|-------------------------------------|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>K. WHITAKER<br>CHK<br>C. JONES<br>APVD<br>C. JONES | 11APR2005<br>11APR2005<br>11APR2005 | Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                    |                                     | NAME                                                      |  |
|                                        |  | 0 PLC ± -                                                 |                                     | PRODUCT SPEC                                              |  |
|                                        |  | 1 PLC ± -                                                 |                                     | APPLICATION SPEC                                          |  |
|                                        |  | 2 PLC ± -                                                 |                                     | RESTRICTED TO                                             |  |
| MATERIAL<br>SEE TABLE                  |  | FINISH<br>SEE TABLE                                       |                                     | SIZE<br>A1                                                |  |
|                                        |  |                                                           |                                     | CAGE CODE<br>00779                                        |  |
|                                        |  |                                                           |                                     | DRAWING NO<br>1586614                                     |  |
|                                        |  |                                                           |                                     | CUSTOMER DRAWING                                          |  |
|                                        |  |                                                           |                                     | SCALE<br>5:1                                              |  |
|                                        |  |                                                           |                                     | SHEET<br>1 OF 1                                           |  |
|                                        |  |                                                           |                                     | REV<br>B                                                  |  |

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