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- . - .

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LOC  
CMDIST  
0

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

L

REVISED PER 0G3B-0211-05

6/8/05

SS

RJ

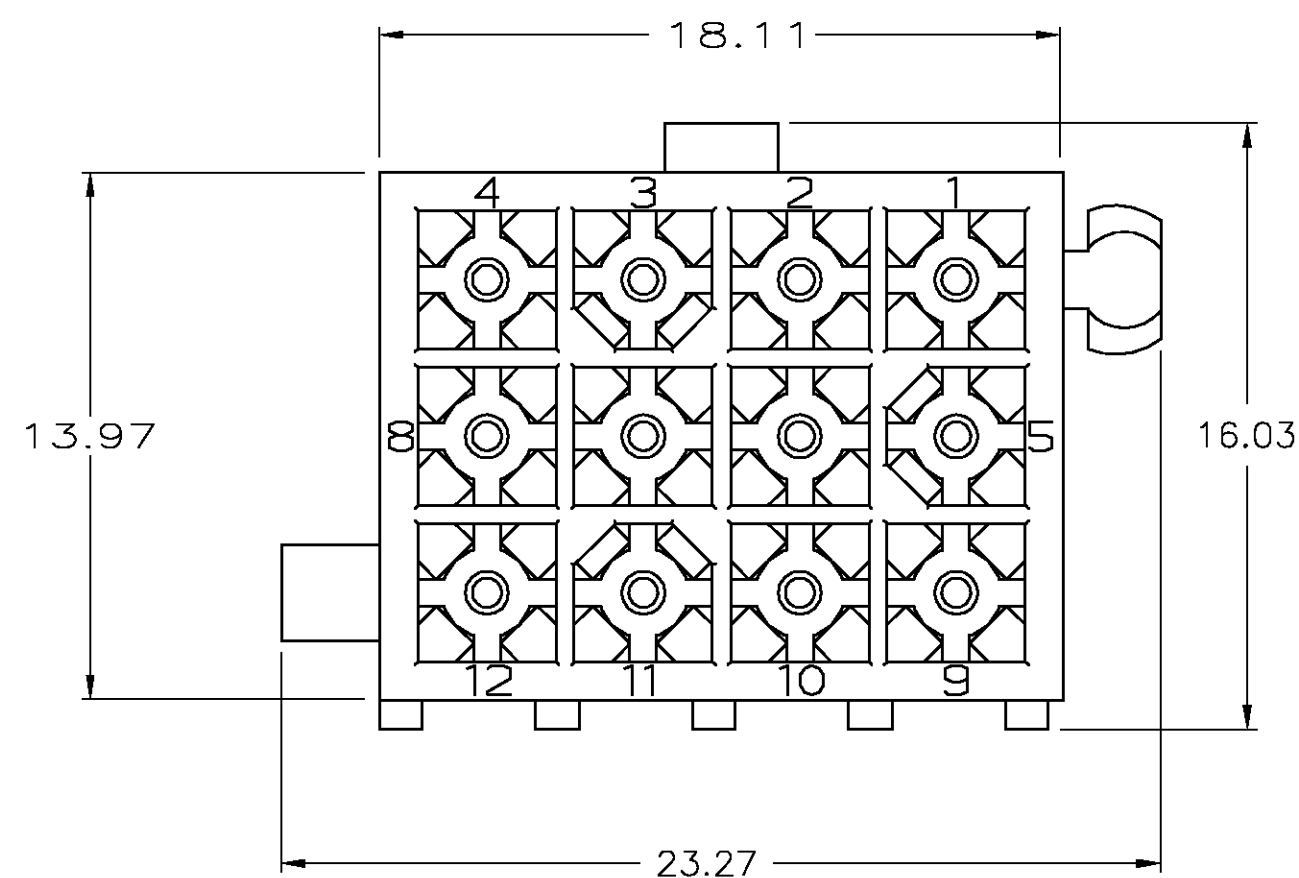
1. PINS TO COMPLY WITH AMP SOLDERABILITY SPEC. 109-11-3.

② 0.00381 MIN MATTE TIN LEAD PLATE OVER 0.00127 MIN NICKEL.

③ 0.00076 MIN GOLD PLATE IN THE LOCALIZED PLATE AREA, 0.00381 MATTE TIN LEAD IN THE LOCALIZED PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.

④ 0.00381 MIN MATTE TIN PLATE OVER 0.00127 MIN NICKEL.

⑤ 0.00076 MIN GOLD PLATE IN THE LOCALIZED PLATE AREA, 0.00381 MATTE TIN IN THE LOCALIZED PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.



HOUSING

1.00 ± 0.05

PIN CONTACT  
12 REQUIRED

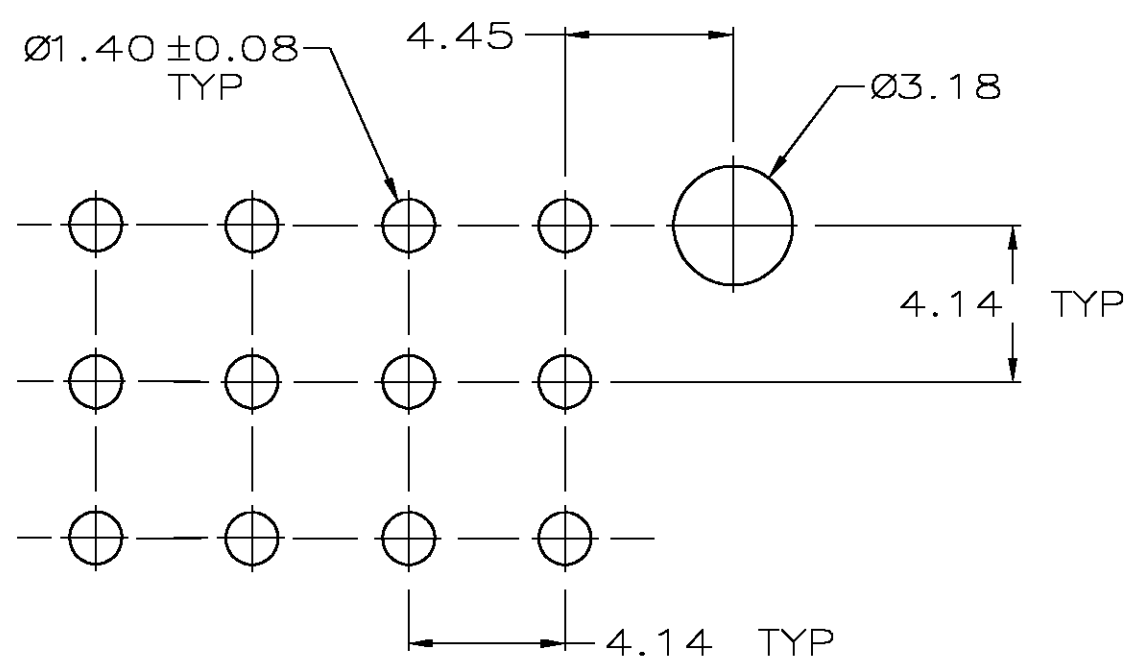
4.45 ± 0.25

5.08 MIN  
LOCALIZED GOLD  
PLATE AREA

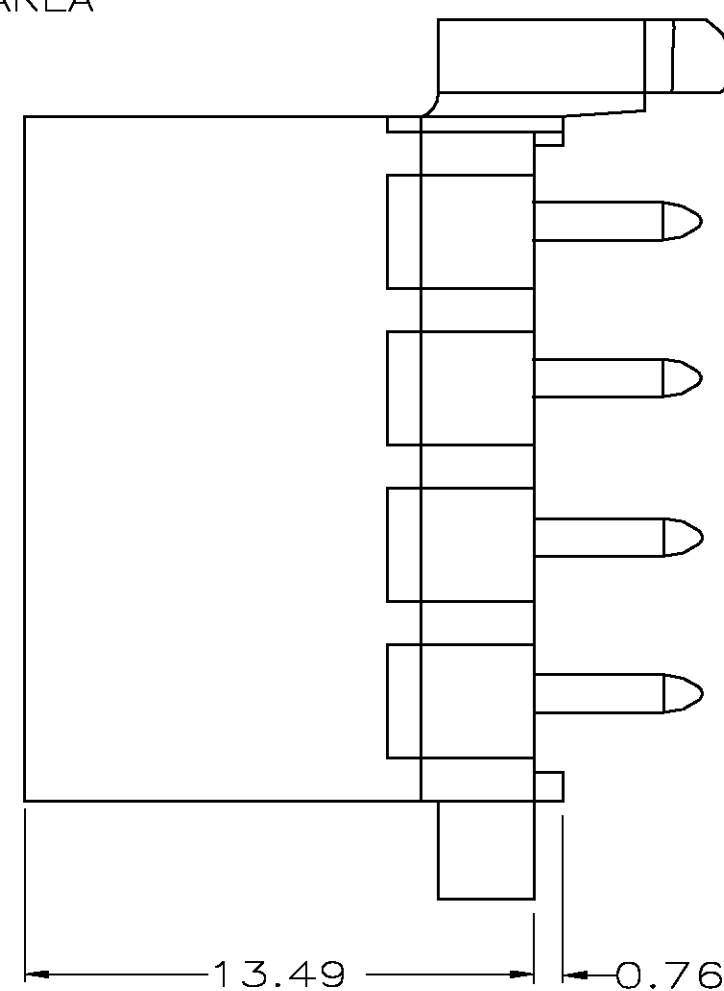
③⑤

5.08 MIN  
LOCALIZED MATTE TIN PLATE  
OR TIN-LEAD PLATE AREA

③⑤



RECOMMENDED LAYOUT FOR 1.57 THICK BOARD  
TOLERANCES NON-ACCUMULATIVE



|                 |        |                |       |            |
|-----------------|--------|----------------|-------|------------|
| BRASS, GOLD     | ⑤      | NYLON, UL94V-0 | WHITE | 1-770186-1 |
| BRASS, TIN      | ④      | NYLON, UL94V-0 | WHITE | 1-770186-0 |
| BRASS, GOLD     | ③      | NYLON, UL94V-0 | WHITE | 770186-2   |
| BRASS, TIN-LEAD | ②      | NYLON, UL94V-0 | WHITE | 770186-1   |
| MATERIAL        | FINISH | MATERIAL       | COLOR | PART NO.   |

|                                                                                       |                                        |                    |                   |                                                                                         |               |
|---------------------------------------------------------------------------------------|----------------------------------------|--------------------|-------------------|-----------------------------------------------------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                        | DWN<br>S CARPENTER | 08JUN05           | <b>tyco</b><br>Electronics<br>Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |               |
| DIMENSIONS:<br>mm                                                                     |                                        | CHK<br>R JONES     | 28JUL2003         |                                                                                         |               |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                    | APVD<br>R JONES   | NAME<br><br>HEADER ASSEMBLY, 12 CKT,<br>MINI UNIVERSAL MATE-N-LOK<br><br>—              |               |
|                                                                                       | 0 PLC ± —                              |                    | 28JUL2003         |                                                                                         |               |
|                                                                                       | 1 PLC ± —                              |                    | PRODUCT SPEC      |                                                                                         |               |
|                                                                                       | 2 PLC ± 0.13                           |                    | —                 |                                                                                         |               |
| 3 PLC ± —                                                                             |                                        | APPLICATION SPEC   | SIZE              |                                                                                         | CAGE CODE     |
| 4 PLC ± —                                                                             |                                        | —                  | DRAWING NO        |                                                                                         | RESTRICTED TO |
| ANGLES ± —                                                                            |                                        | —                  |                   | —                                                                                       |               |
| MATERIAL                                                                              | FINISH                                 | WEIGHT             | A2 00779 C=770186 |                                                                                         |               |
| —                                                                                     | —                                      | —                  | —                 |                                                                                         |               |
| CUSTOMER DRAWING                                                                      |                                        |                    | SCALE             | SHEET                                                                                   | REV           |
|                                                                                       |                                        |                    | 5:1               | 1 OF 1                                                                                  | 1             |