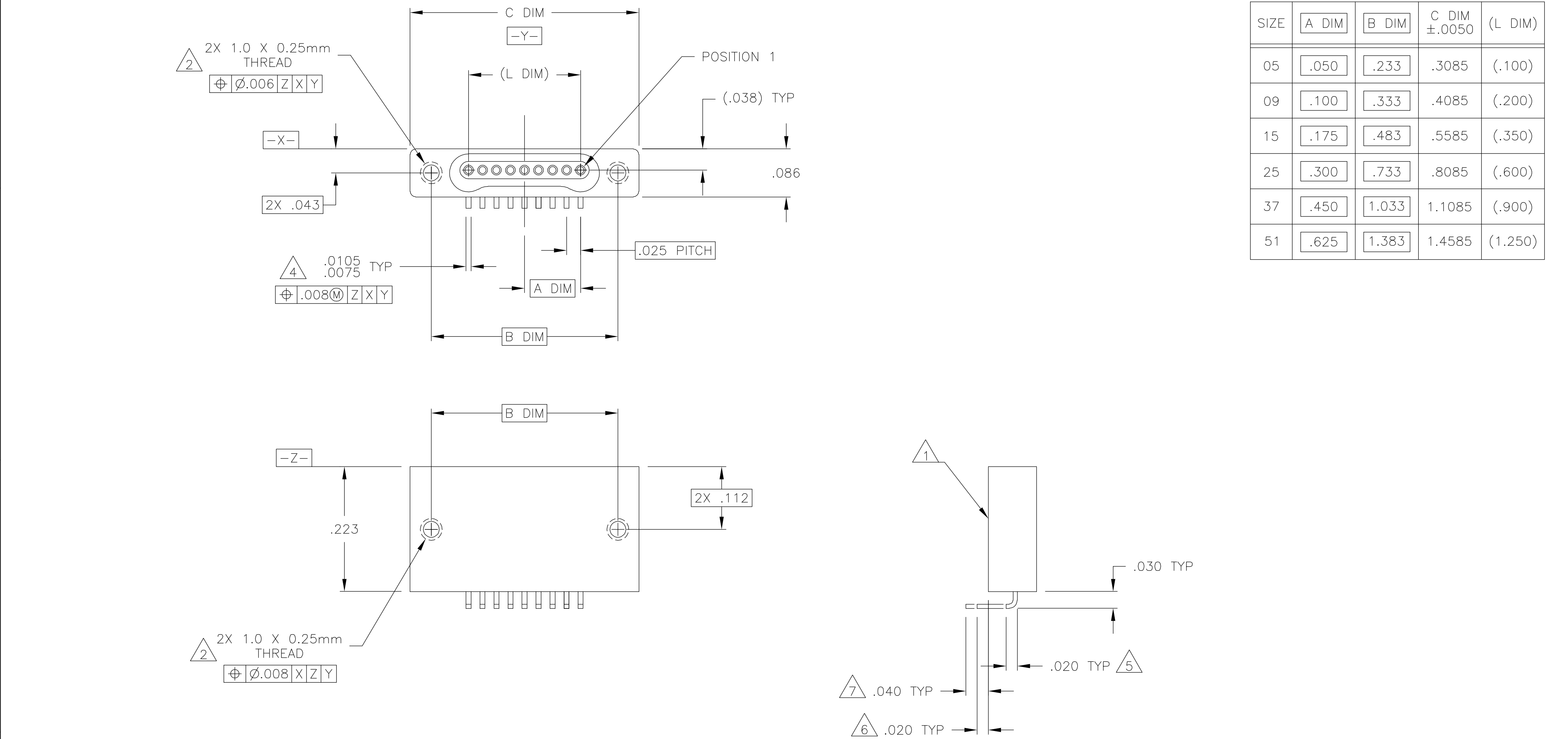




| SIZE | A DIM | B DIM | C DIM<br>±.0050 | (L DIM) |
|------|-------|-------|-----------------|---------|
| 05   | .050  | .233  | .3085           | (.100)  |
| 09   | .100  | .333  | .4085           | (.200)  |
| 15   | .175  | .483  | .5585           | (.350)  |
| 25   | .300  | .733  | .8085           | (.600)  |
| 37   | .450  | 1.033 | 1.1085          | (.900)  |
| 51   | .625  | 1.383 | 1.4585          | (1.250) |

1

SHELL OPTIONS (TO BE SPECIFIED IN NANONICS PART NUMBER):  
METAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 (STANDARD) OR GOLD PLATED PER ASTM B488  
303 STAINLESS STEEL, PASSIVATED PER SAE-AMS-2700  
INSULATOR MATERIAL FOR ALL METAL SHELLS IS LIQUID CRYSTAL POLYMER (LCP) PER MIL-M-24519 OR PER ASTM D5138  
PLASTIC: LIQUID CRYSTAL POLYMER (LCP) PER MIL-M-24519 OR PER ASTM D5138

2

STANDARD 1.0 X 0.25mm MOUNTING AND JACKSCREW THREADS ARE SHOWN FOR REFERENCE ONLY AND MUST BE SPECIFIED IN THE NANONICS PART NUMBER WHEN REQUIRED. 1.2 X 0.25mm THREADS ALSO AVAILABLE.

3

MOUNTING HARDWARE IS AVAILABLE WITH THIS CONFIGURATION (NOT SHOWN). HARDWARE MUST BE SPECIFIED IN THE NANONICS PART NUMBER. CONSULT TYCO ELECTRONICS FOR DETAILS.

4

LEAD MATERIAL: BeCu, TIN LEAD PLATED PER 60/40 COMPOSITION PER SAE-AMS-P-81728

5

NANONICS TERMINATION CODE: L4

6

NANONICS TERMINATION CODE: L42

7

NANONICS TERMINATION CODE: L44

8

THIS DRAWING PREVIOUSLY IDENTIFIED AS NANONICS N10138/132

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

D RYAN

04-21-92

CHK

E BURGER

02-28-93

APVD

M STORRY

04-03-01

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

INCHES

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

± -

± -

± .010

± .005

± -

± 1°

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

SEE NOTES

tyco

Electronics

Tyco Electronics Corporation

Harrisburg, PA 17105-3608

NAME

RECEPTACLE ASSEMBLY, VERTICAL SURFACE MOUNT, SINGLE ROW DUALLOBE, PLASTIC OR METAL

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

0PJN9

C=1589463

—

SCALE

8:1

SHEET

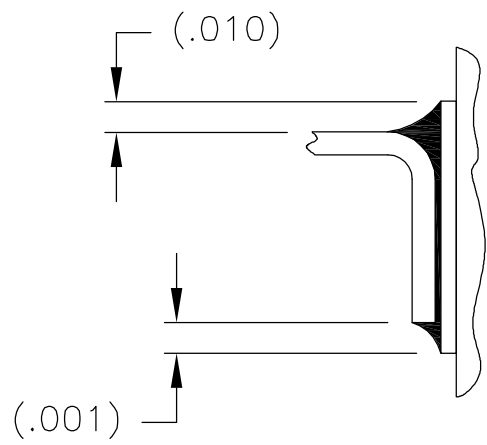
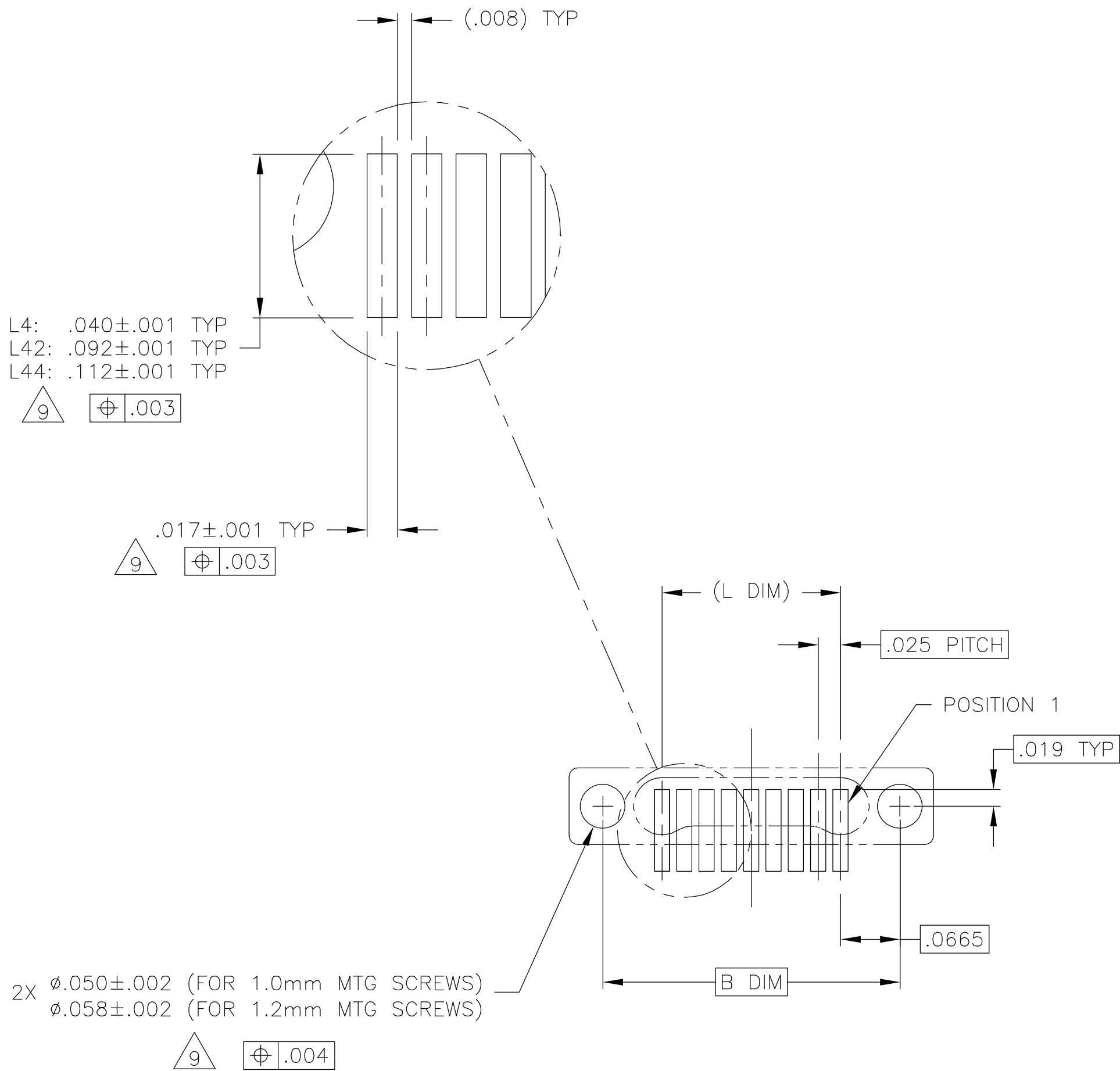
1 of 2

REV

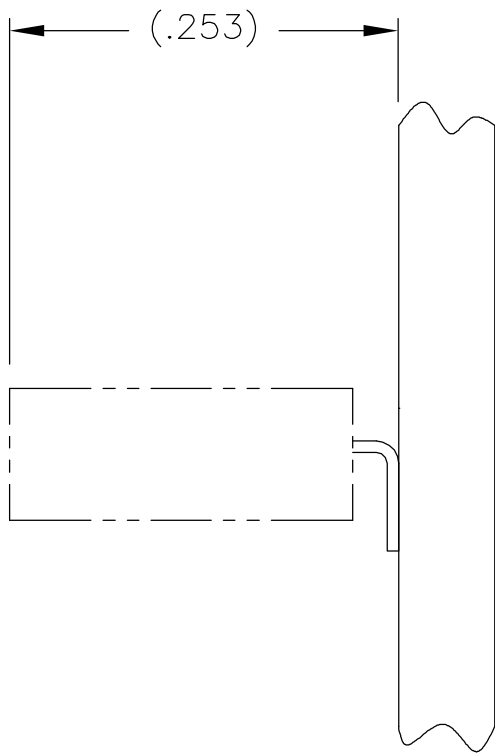
M1

AMP 1471-9 REV 31MAR2000

| LOC<br>— | DIST<br>— | REVISIONS |     |             |      |     |      |
|----------|-----------|-----------|-----|-------------|------|-----|------|
|          |           | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|          |           |           | —   | SEE SHEET 1 | —    | —   | —    |



TYPICAL FOOT PLACEMENT  
ON SOLDER PAD



TYPICAL PCB LAYOUT

9 POSITIONAL TOLERANCES FOR BASIC DIMENSIONED FEATURES ARE RELATIVE TO FIDUCIALS OR SOME SIMILAR DATUM REFERENCE DEFINED BY THE PCB DESIGNER.

|                                        |              |                                           |                              |                                                                                                |                                                                                          |      |  |
|----------------------------------------|--------------|-------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |              | DWN<br>D RYAN<br>04-21-92                 |                              | <b>tyco</b><br><b>Electronics</b><br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                                                                                          |      |  |
| DIMENSIONS:<br>INCHES                  |              | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                              | CHK<br>E BURGER<br>02-28-93                                                                    |                                                                                          | NAME |  |
|                                        | 0 PLC ± -    |                                           | APVD<br>M STORRY<br>04-03-01 |                                                                                                | RECEPTACLE ASSEMBLY, VERTICAL SURFACE<br>MOUNT, SINGLE ROW DUALLOBE,<br>PLASTIC OR METAL |      |  |
|                                        | 1 PLC ± -    |                                           | PRODUCT SPEC                 |                                                                                                |                                                                                          |      |  |
|                                        | 2 PLC ± .010 |                                           | —                            |                                                                                                |                                                                                          |      |  |
|                                        | 3 PLC ± .005 |                                           | APPLICATION SPEC             |                                                                                                | SIZE<br>A2<br>CAGE CODE<br>0PJN9<br>DRAWING NO<br>C=1589463<br>RESTRICTED TO<br>—        |      |  |
|                                        | 4 PLC ± -    |                                           | —                            |                                                                                                |                                                                                          |      |  |
|                                        | ANGLES ± 1°  |                                           | —                            |                                                                                                |                                                                                          |      |  |
| MATERIAL                               | FINISH       |                                           | WEIGHT<br>—                  |                                                                                                |                                                                                          |      |  |
| SEE NOTES                              | SEE NOTES    |                                           | CUSTOMER DRAWING             |                                                                                                | SCALE 8:1 SHEET 2 of 2 REV M1                                                            |      |  |

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