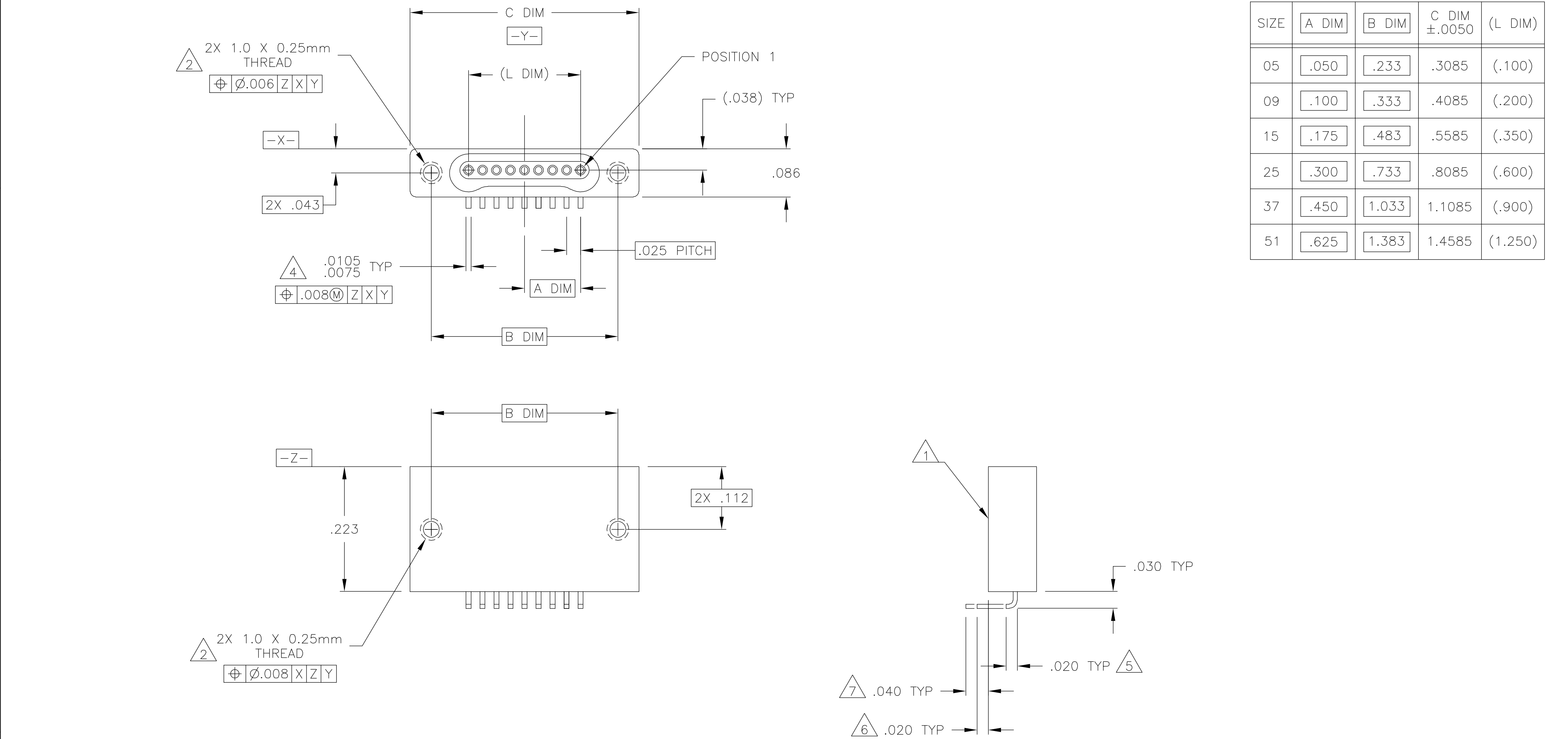




| SIZE | A DIM | B DIM | C DIM<br>±.0050 | (L DIM) |
|------|-------|-------|-----------------|---------|
| 05   | .050  | .233  | .3085           | (.100)  |
| 09   | .100  | .333  | .4085           | (.200)  |
| 15   | .175  | .483  | .5585           | (.350)  |
| 25   | .300  | .733  | .8085           | (.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

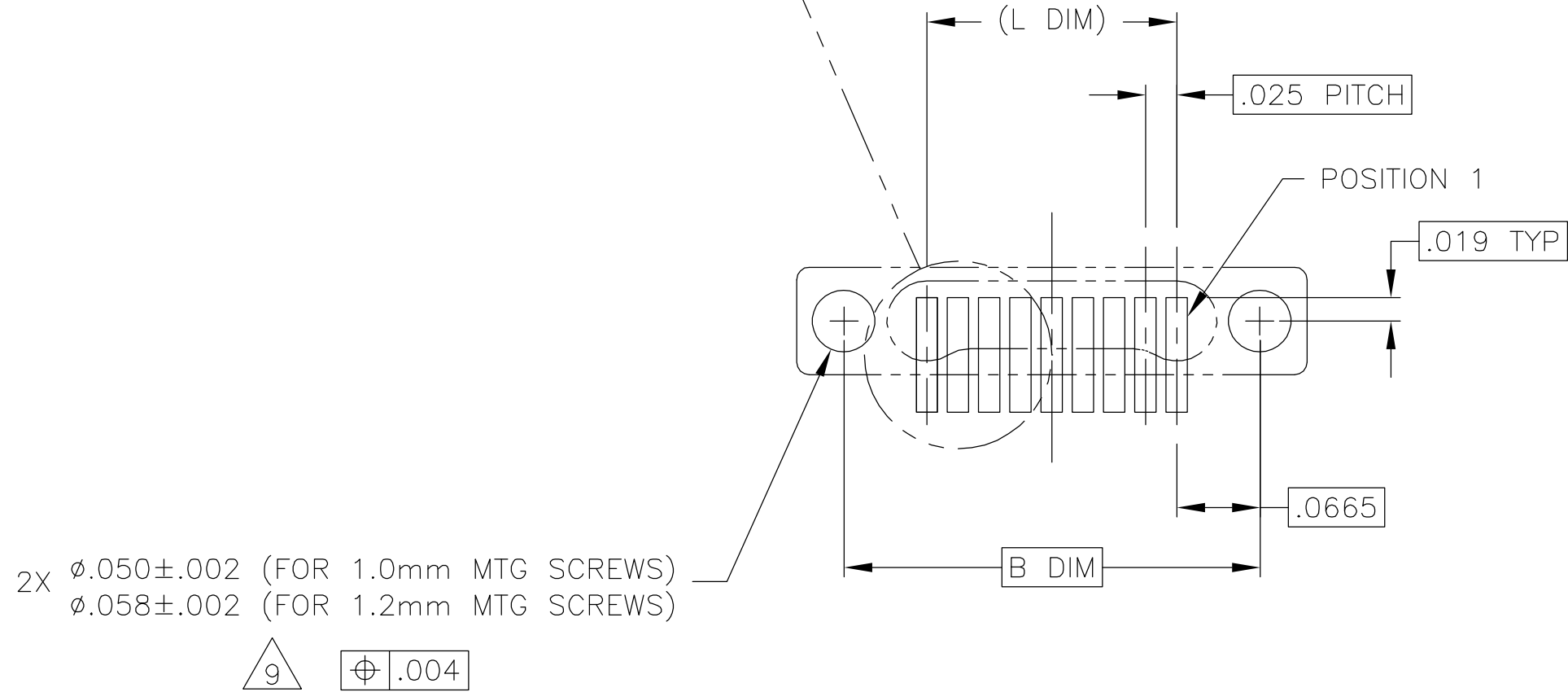
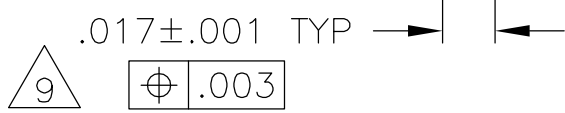
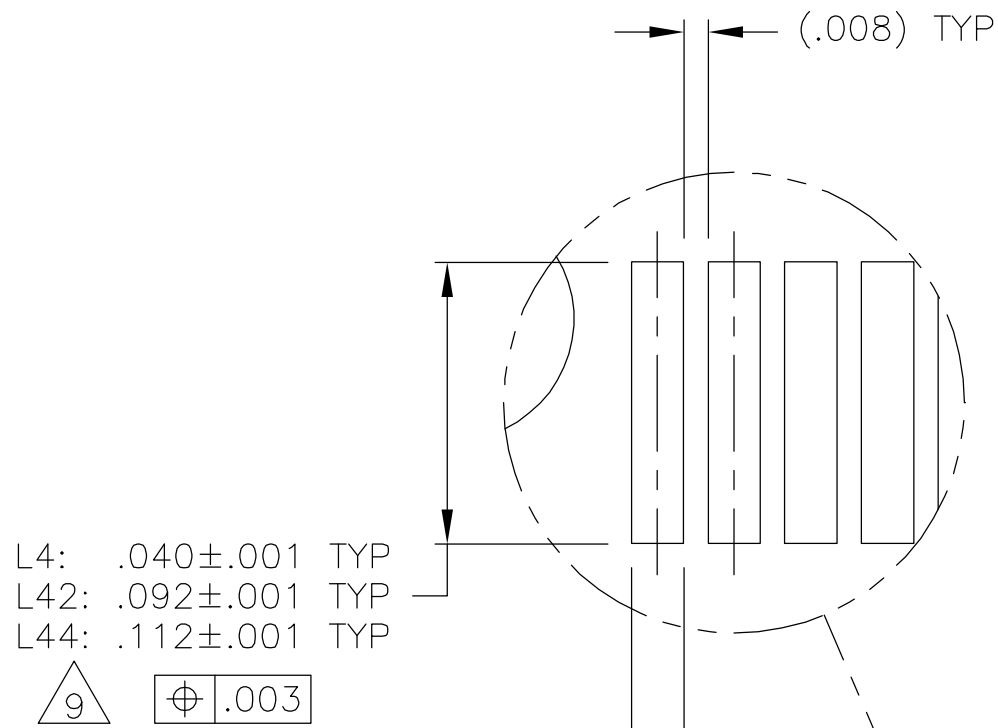
1 of 2

REV

M1

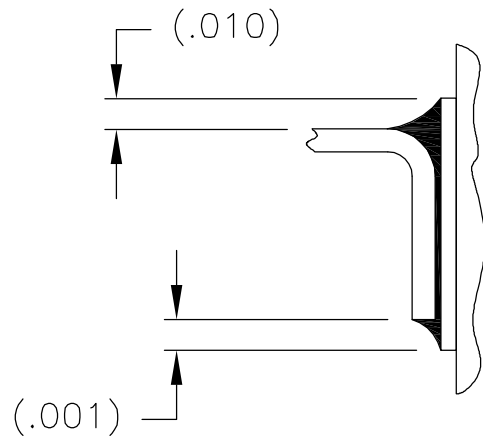
AMP 1471-9 REV 31MAR2000

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

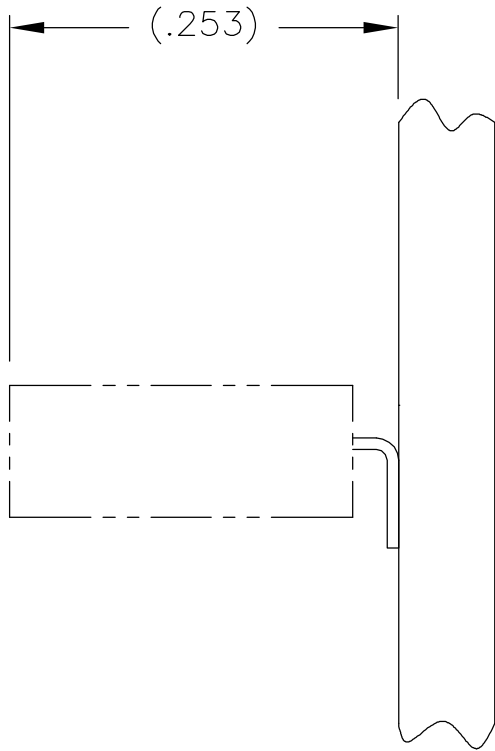


SIZE 09 SHOWN FOR REFERENCE

TYPICAL PCB LAYOUT



TYPICAL FOOT PLACEMENT  
ON SOLDER PAD



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                  |                                                                          | CHK<br>E BURGER<br>02-28-93  | NAME<br><br>RECEPTACLE ASSEMBLY, VERTICAL SURFACE<br>MOUNT, SINGLE ROW DUALLOBE,<br>PLASTIC OR METAL |                    |                         |                    |              |   |
|                                        | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                   | APVD<br>M STORRY<br>04-03-01 |                                                                                                      |                    |                         |                    | PRODUCT SPEC |   |
|                                        | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± .010<br>3 PLC ± .005<br>4 PLC ± - ± 1° | APPLICATION SPEC             |                                                                                                      |                    |                         |                    | —            |   |
|                                        | FINISH                                                                   | WEIGHT                       |                                                                                                      |                    |                         |                    | —            | — |
| MATERIAL                               | SEE NOTES                                                                | CUSTOMER DRAWING             | SIZE<br>A2                                                                                           | CAGE CODE<br>0PJN9 | DRAWING NO<br>C=1589463 | RESTRICTED TO<br>— |              |   |
|                                        |                                                                          |                              | SCALE<br>8:1                                                                                         | SHEET<br>2 of 2    | REV<br>M1               |                    |              |   |

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