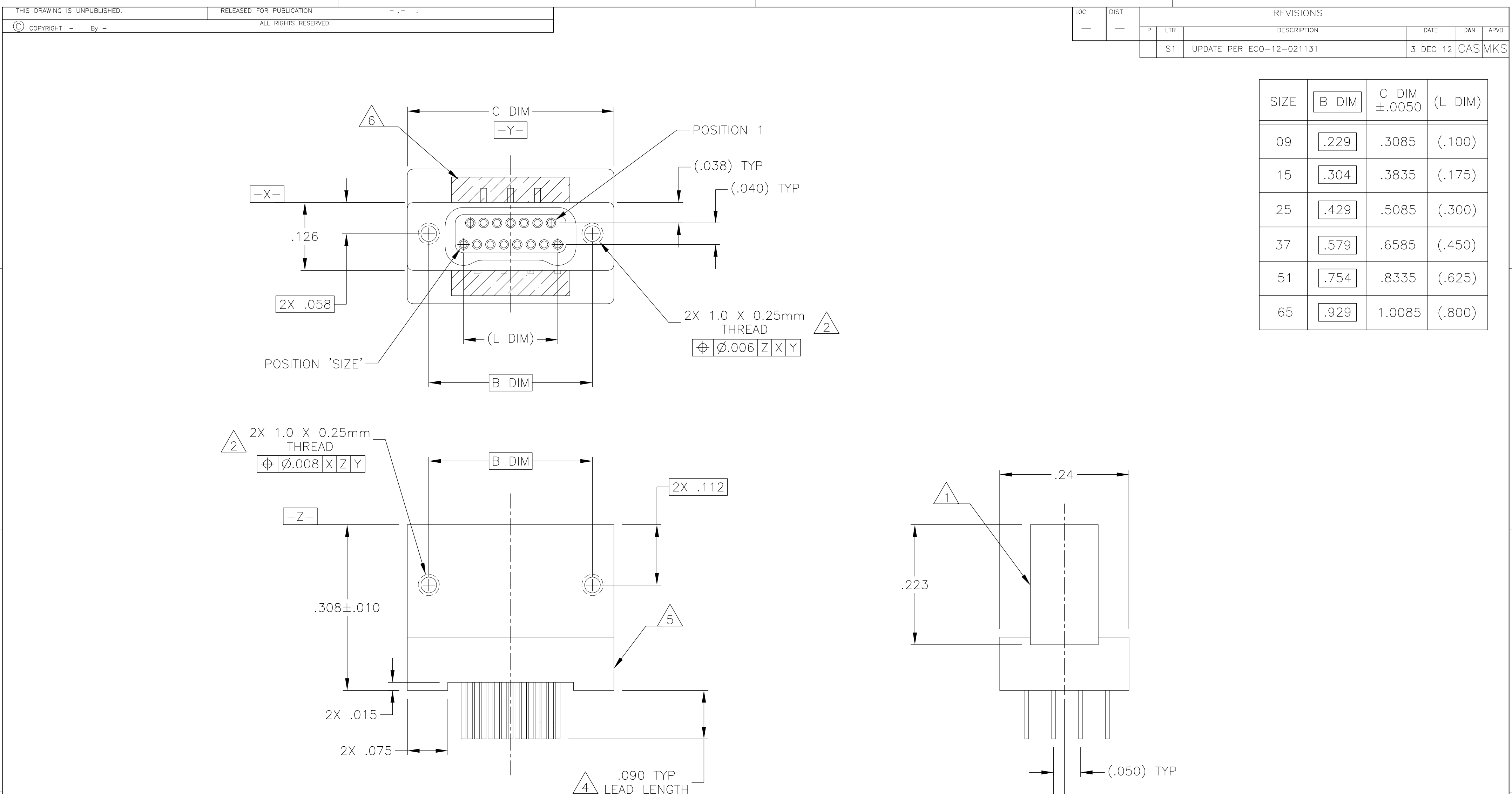




| SIZE | B DIM | C DIM<br>±.0050 | (L DIM) |
|------|-------|-----------------|---------|
| 09   | .229  | .3085           | (.100)  |
| 15   | .304  | .3835           | (.175)  |
| 25   | .429  | .5085           | (.300)  |
| 37   | .579  | .6585           | (.450)  |
| 51   | .754  | .8335           | (.625)  |
| 65   | .929  | 1.0085          | (.800)  |

1. SHELL OPTIONS (TO BE SPECIFIED IN NANONICS PART NUMBER):  
METAL: 6061-T6 ALUMINUM, ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE-AMS-2404 (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: HH BRASS, TIN LEAD PLATED 60/40 COMPOSITION PER SAE-AMS-P-81728
5. LEAD ORGANIZER MATERIAL IS LIQUID CRYSTAL POLYMER PER ASTM D5138
6. THROUGH HOLE LEADS ARE EPOXY ENCAPSULATED WITHIN THE LEAD ORGANIZER
7. NANONICS TERMINATION CODE: M5
8. THIS DRAWING PREVIOUSLY IDENTIFIED AS NANONICS N10138/252

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL  
SEE NOTES

0 PLC ± -  
1 PLC ± -  
2 PLC ± .010  
3 PLC ± .005  
4 PLC ± -  
ANGLES ± 1

FINISH  
SEE NOTES

DWN  
D. RYAN  
27 JUN 00

CHK  
M. STORRY  
15 AUG 00

APVD  
—

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
—

CUSTOMER DRAWING

TE Connectivity

RECEPTACLE ASSEMBLY, VERTICAL MOUNT,  
THROUGH HOLE, 2 TO 4 ROW,  
.050 SPACING, PLASTIC OR METAL

SIZE  
A2

CAGE CODE  
OJPN9

DRAWING NO  
C=1589488

RESTRICTED TO  
—

SCALE  
8:1

SHEET  
1 of 2

REV  
S1

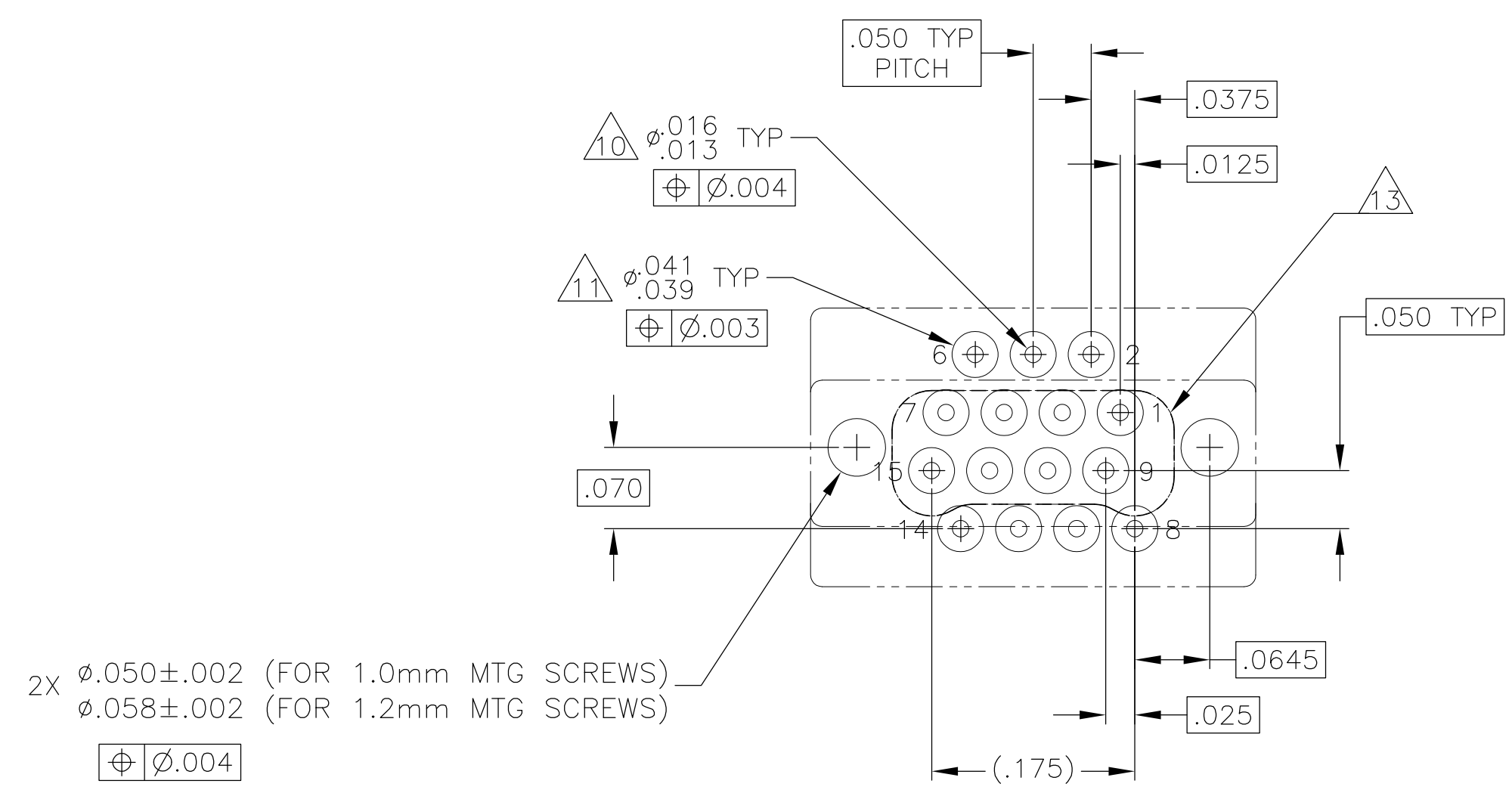
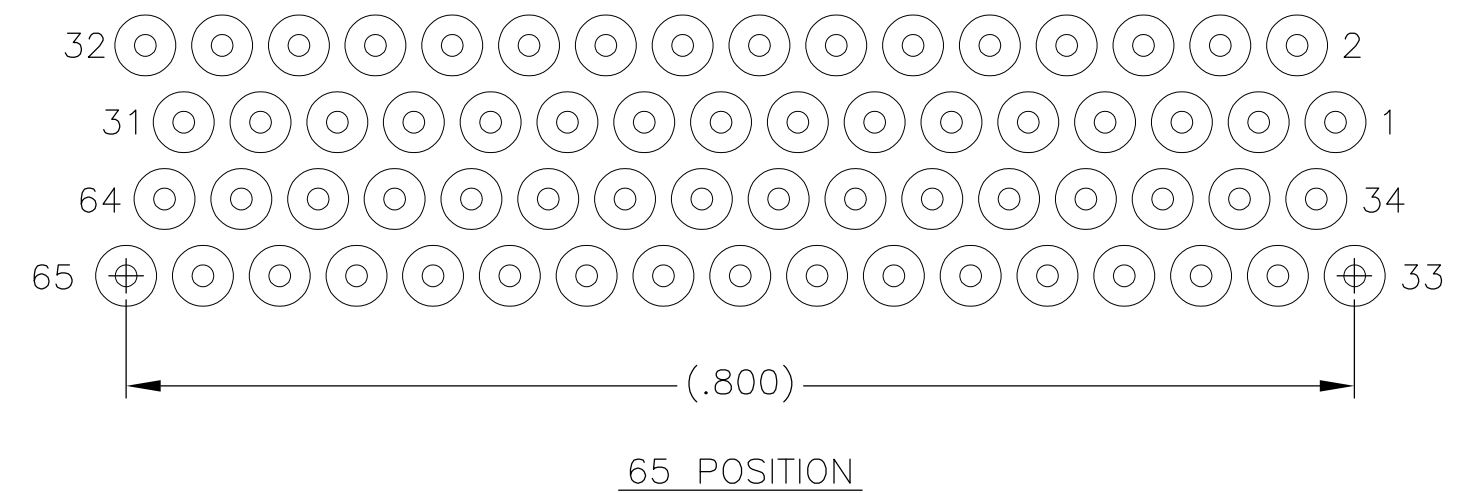
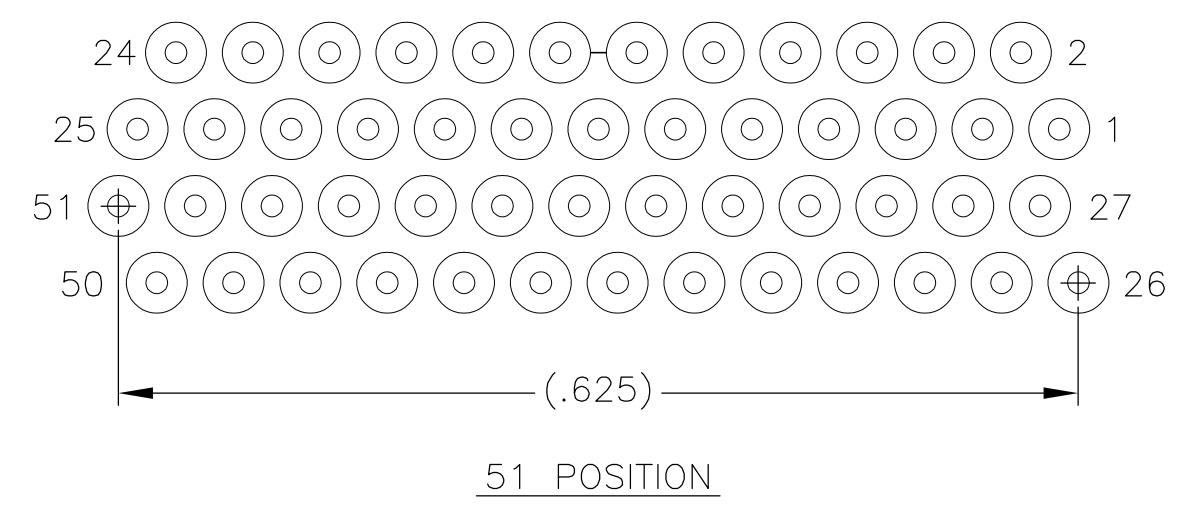
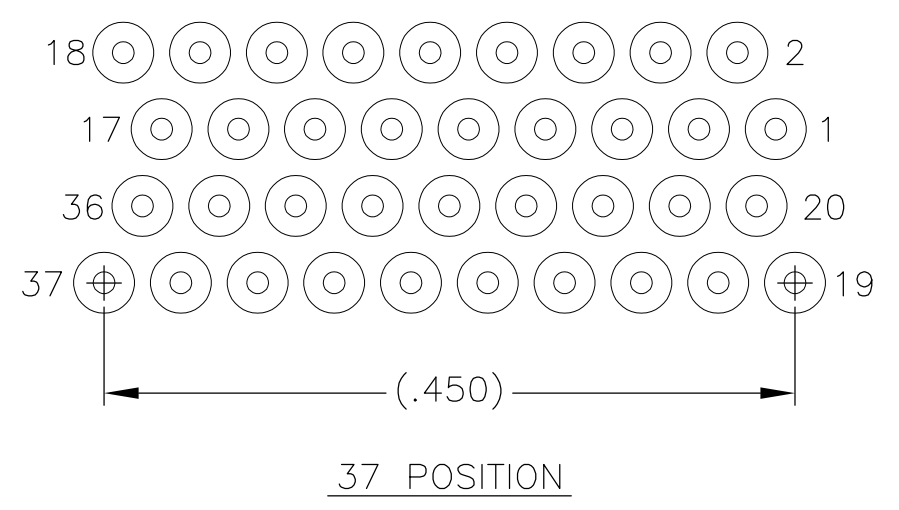
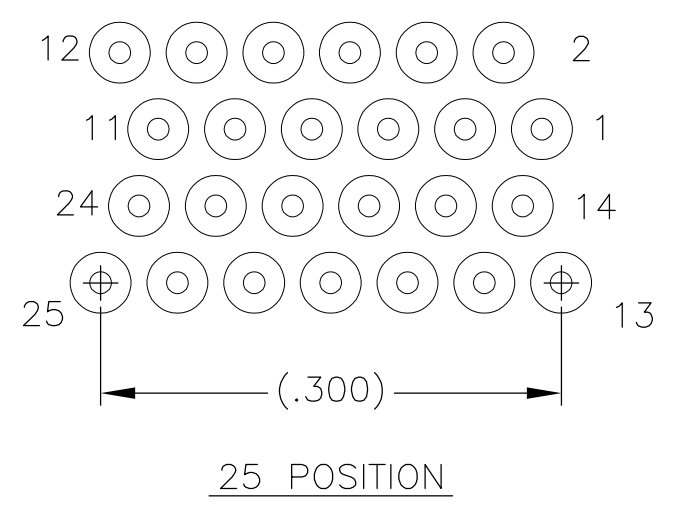
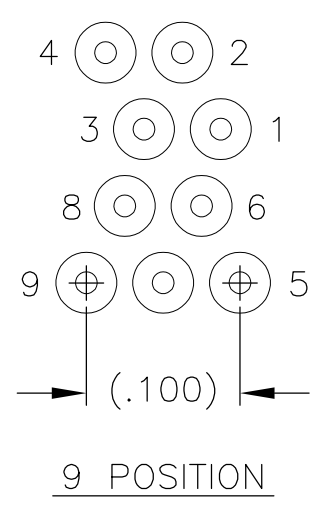
1471-9 (3/11)

D

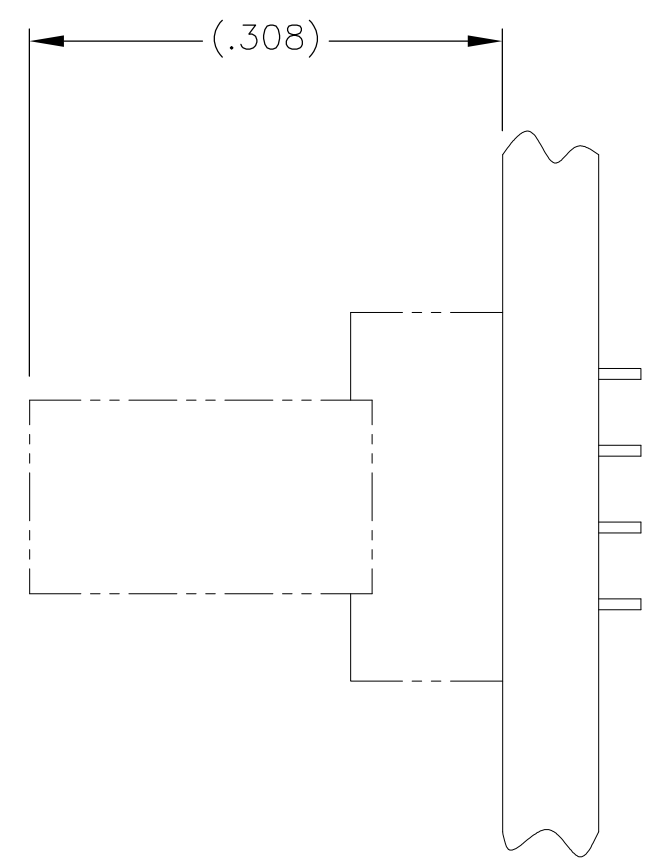
C

B

A



TYPICAL PCB LAYOUT  
SIZE 15 SHOWN FOR REFERENCE 9



9. POSITIONAL TOLERANCES FOR BASIC DIMENSIONED FEATURES ARE RELATIVE TO FIDUCIALS OR SOME SIMILAR DATUM REFERENCES DEFINED BY PCB DESIGNER.
10. PLATED THROUGH HOLES
11. SOLDER PADS
12. ALL THROUGH HOLE LAYOUTS ARE AS VIEWED FROM TOP OF PCB.
13. CONNECTOR ORIENTATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL  
SEE NOTES

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |   |      |
|--------|---|------|
| 0 PLC  | ± | —    |
| 1 PLC  | ± | —    |
| 2 PLC  | ± | .010 |
| 3 PLC  | ± | .005 |
| 4 PLC  | ± | —    |
| ANGLES | ± | 1    |

FINISH

SEE NOTES

DWN  
D. RYAN  
27 JUN 00

CHK  
M. STORRY  
15 AUG 00

APVD  
—

PRODUCT SPEC  
—

APPLICATION SPEC  
—

WEIGHT  
—

CUSTOMER DRAWING

NAME

RECEPTACLE ASSEMBLY, VERTICAL MOUNT, THROUGH HOLE, 2 TO 4 ROW, .050 SPACING, PLASTIC OR METAL

SIZE  
A2

CAGE CODE  
0JPN9

DRAWING NO  
C=1589488

RESTRICTED TO

—

SCALE  
8:1

SHEET  
2 of 2

REV  
S1

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[STM051M5SN](#)