

Distributed by:

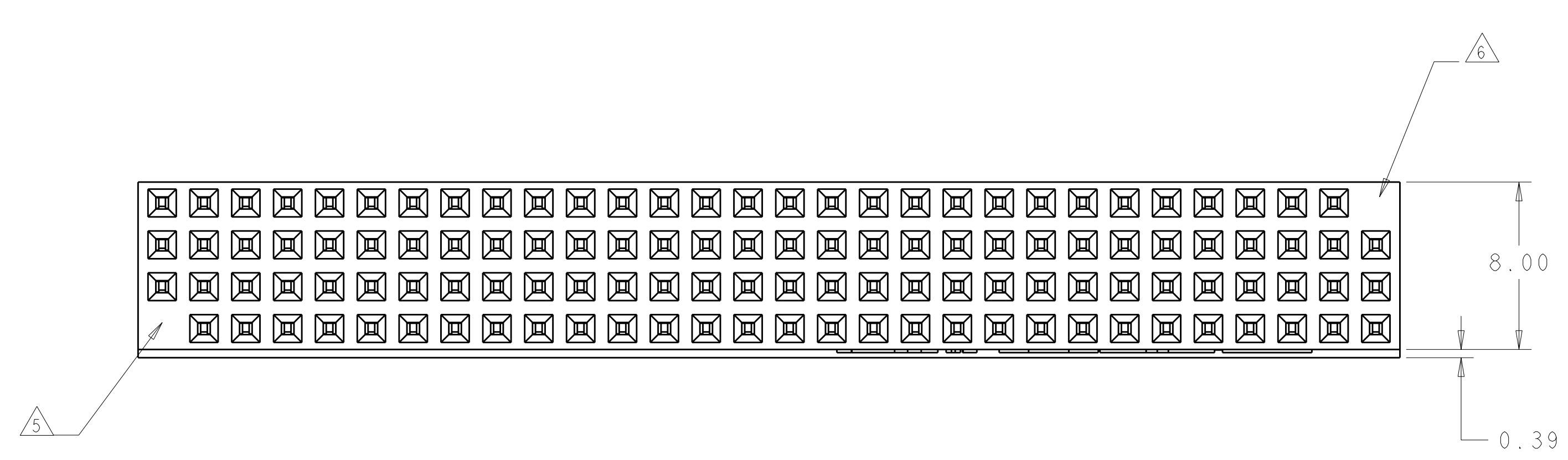
**JAMECO**<sup>®</sup>  
ELECTRONICS

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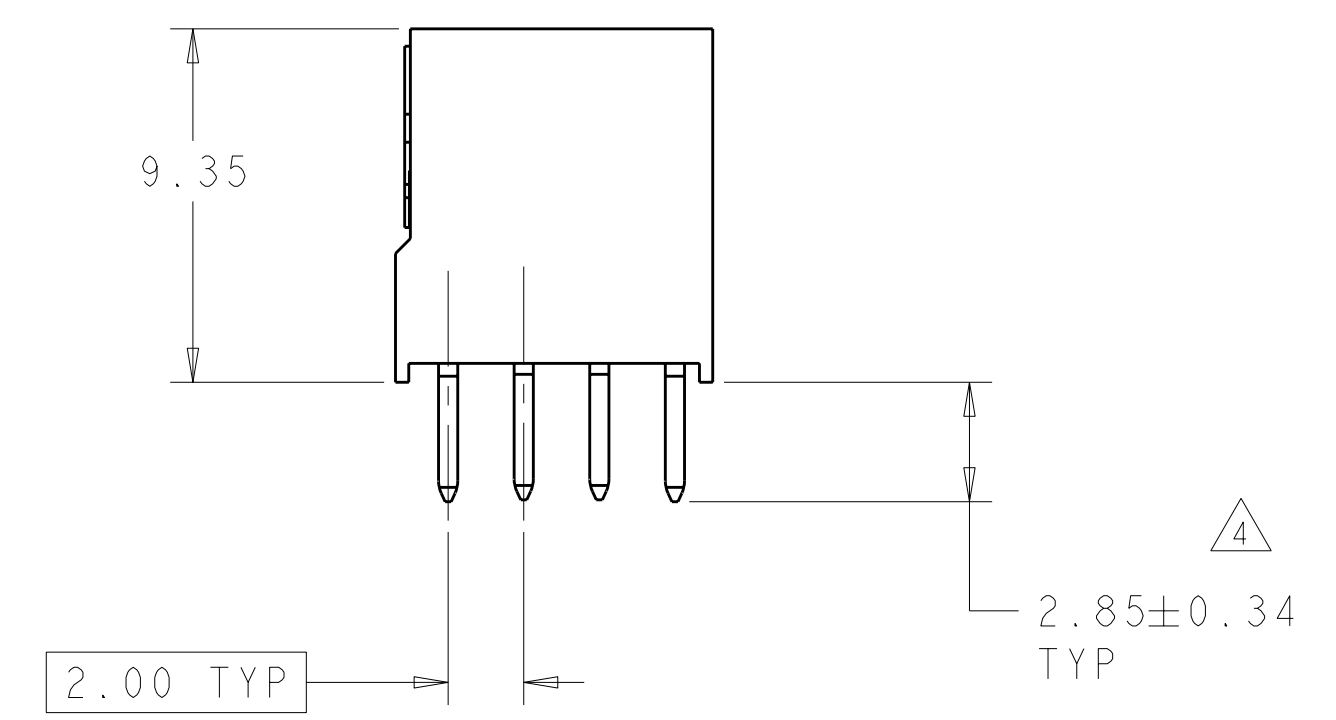
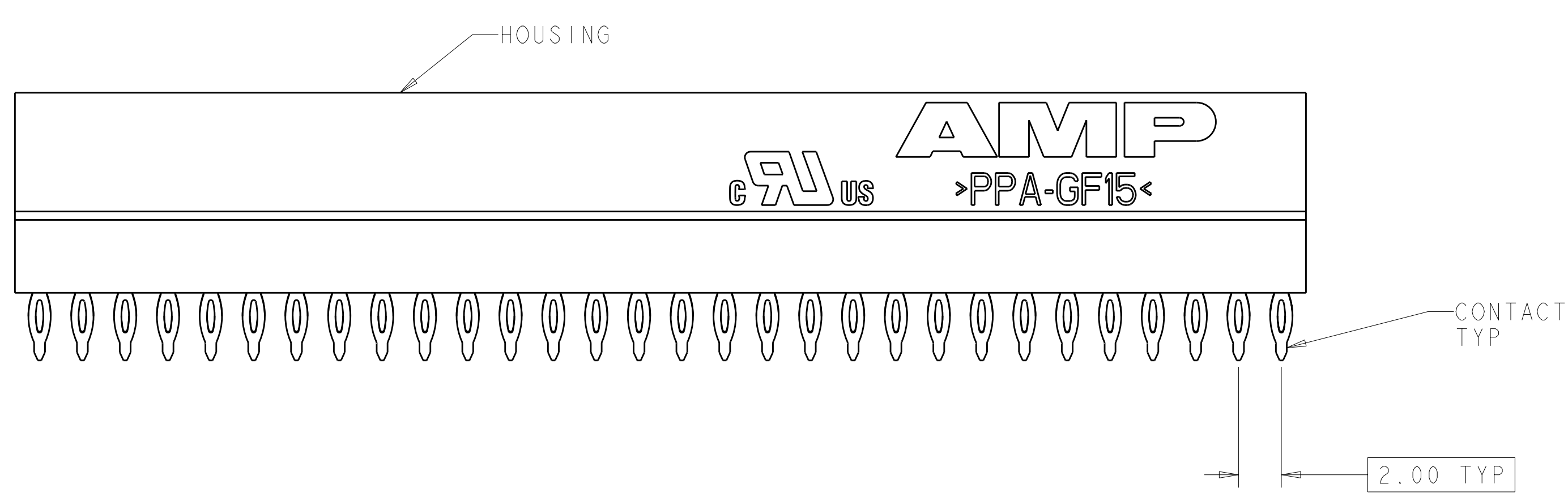
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Jameco Part Number 897840

| LOC | DIST | REVISIONS |              |           |       |
|-----|------|-----------|--------------|-----------|-------|
| AD  | 00   | REV       | DATE         | DWN       | APVD  |
|     |      | E         | 063C-0184-05 | 31AUG2005 | RB JO |
|     |      | F         | ECO-06-7871  | 28SEP2006 | MB JO |



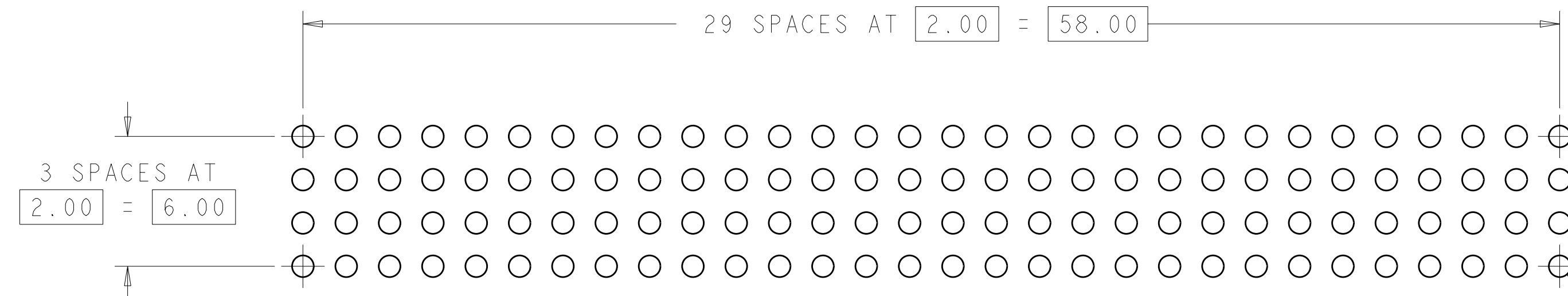
- △ HOUSING: HIGH TEMPERATURE, GLASS FILLED NYLON, COLOR: BLACK.  
CONTACTS: PHOSPHOR BRONZE.
- △ CONTACTS: 0.000381 MIN GOLD ON MATING RECEPTACLE END, 0.00254 BRIGHT TIN-LEAD ON REMAINDER, ALL OVER 0.001270 NICKEL.
- △ PCB HOLE RECOMMENDATIONS:  
A. DRILL HOLE DIAMETER TO BE 1.00±0.02.  
B. PLATING TO BE 0.005 MIN TIN-LEAD OVER 0.025-0.075 COPPER.  
C. RECOMMENDED FINISH HOLE SIZE IS 0.88±0.08.
- △ DIMENSION AFTER SEATING TO PCB.
- △ NO CONTACT IN THIS POSITION FOR 1375800-2 & -5 ONLY.
- △ NO CONTACT IN THIS POSITION FOR 1375800-3 & -6 ONLY.
- △ CONTACTS: 0.000381 MIN GOLD ON MATING RECEPTACLE END, 0.00254-0.00508 MATTE TIN ON REMAINDER, ALL OVER 0.001270 NICKEL.
- △ ROHS 2002/95/EC COMPLIANT PART TO BE USED WITH ROHS 2002/95/EC COMPLIANT PCB'S.
- △ PCB HOLE RECOMMENDATIONS FOR SILVER IMMERSION PLATING:  
A. DRILL HOLE DIAMETER TO BE 1.00±0.02.  
B. PLATING TO BE 0.000152-0.000406 SILVER OVER 0.025-0.075 COPPER.  
C. RECOMMENDED FINISH HOLE SIZE IS 0.95±0.04.



| REV    | DESCRIPTION | DATE          | DWN     | APVD      |
|--------|-------------|---------------|---------|-----------|
| △ 8    | △ 7         | YES △ 6       |         | 1375800-6 |
| △ 8    | △ 7         | YES △ 5       |         | 1375800-5 |
| △ 8    | △ 7         | NO            |         | 1375800-4 |
|        | △ 2         | YES △ 6       |         | 1375800-3 |
|        | △ 2         | YES △ 5       |         | 1375800-2 |
|        | △ 2         | NO            |         | 1375800-1 |
| FINISH |             | KEYED CIRCUIT | PART NO |           |

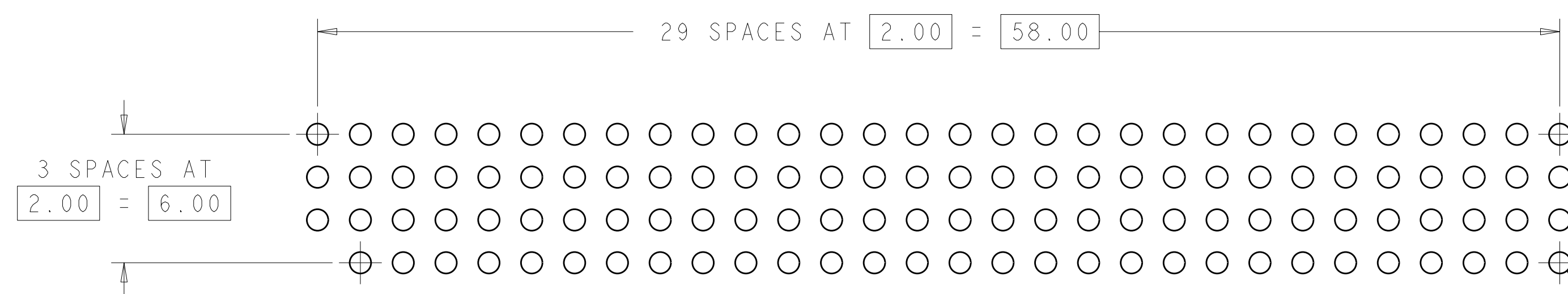
|  |  |  |  |  |  |
|--|--|--|--|--|--|
| DIMENSIONS: mm<br>9 PLC ±<br>1 PLC ±0.13<br>5 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>9 PLC ±<br>1 PLC ±0.13<br>5 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH |  | DWN: W.G. LENKER 20JUN2000<br>CHK: L. BREKOSKY 15JAN2001<br>APVD: J. OLSON 13JUN2001<br>NAME: ASSEMBLY, PC/104-PLUS, NON-STACKTHROUGH CONTACTS, PRESS FIT<br>SIZE: A1<br>CAGE CODE: 00779<br>DRAWING NO: 1375800<br>RESTRICTED TO: F |  |
| MATERIAL: △<br>FINISH: △ 2 △ 7   |  |  |  | CUSTOMER DRAWING<br>SCALE: 5:1<br>SHEET: 1 OF 2<br>REV: F  |  |

| REVISONS |    | DATE | DWN | APVD |
|----------|----|------|-----|------|
| AD       | 00 |      |     |      |
|          |    |      |     |      |
|          |    |      |     |      |
|          |    |      |     |      |



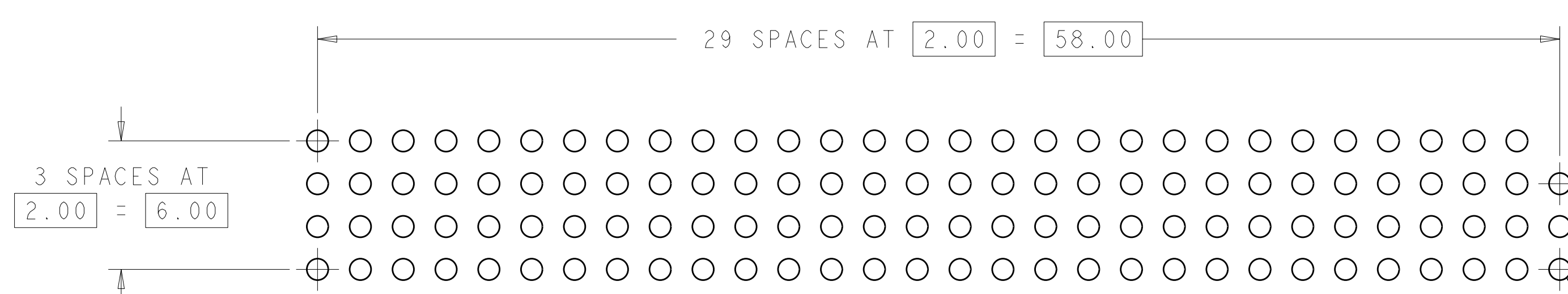
RECOMMENDED PCB LAYOUT  
 FOR 1375800-2 & -4

HOLE DIA  $\begin{matrix} \triangle \\ 3 \\ \triangle \end{matrix} \begin{matrix} \triangle \\ 9 \\ \triangle \end{matrix}$   
 $\oplus \begin{matrix} \square \\ \text{Ø} 0.10 \text{ (M)} \\ \square \end{matrix}$   
 120 PLC



RECOMMENDED PCB LAYOUT  
 FOR 1375800-2 & -5

HOLE DIA  $\begin{matrix} \triangle \\ 3 \\ \triangle \end{matrix} \begin{matrix} \triangle \\ 9 \\ \triangle \end{matrix}$   
 $\oplus \begin{matrix} \square \\ \text{Ø} 0.10 \text{ (M)} \\ \square \end{matrix}$   
 120 PLC



RECOMMENDED PCB LAYOUT  
 FOR 1375800-3 & -6

HOLE DIA  $\begin{matrix} \triangle \\ 3 \\ \triangle \end{matrix} \begin{matrix} \triangle \\ 9 \\ \triangle \end{matrix}$   
 $\oplus \begin{matrix} \square \\ \text{Ø} 0.10 \text{ (M)} \\ \square \end{matrix}$   
 120 PLC

|                       |  |   |  |   |  |  |  |
|-----------------------|--|---|--|---|--|--|--|
| DIMENSIONS:<br>mm<br> |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>9 PLC ±<br>1 PLC ±<br>2 PLC ±0.13<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ± |  | DWN W.G. LENKER 20JUN2000<br>CHK L. BREKOSKY 15JAN2001<br>APVD J. OLSON 13JUN2001<br>NAME<br>PRODUCT SPEC<br>APPLICATION SPEC<br>WEIGHT<br>CUSTOMER DRAWING |  | Tyco Electronics<br>Harrisburg, PA 17105-3608<br>ASSEMBLY, PC/104-PLUS,<br>NON-STACKTHROUGH CONTACTS,<br>PRESS FIT<br>SIZE CAGE CODE DRAWING NO<br>A 00779 C-1375800<br>SCALE 99:20 SHEET 2 OF 2 REV F |  |
|-----------------------|--|---|--|---|--|--|--|