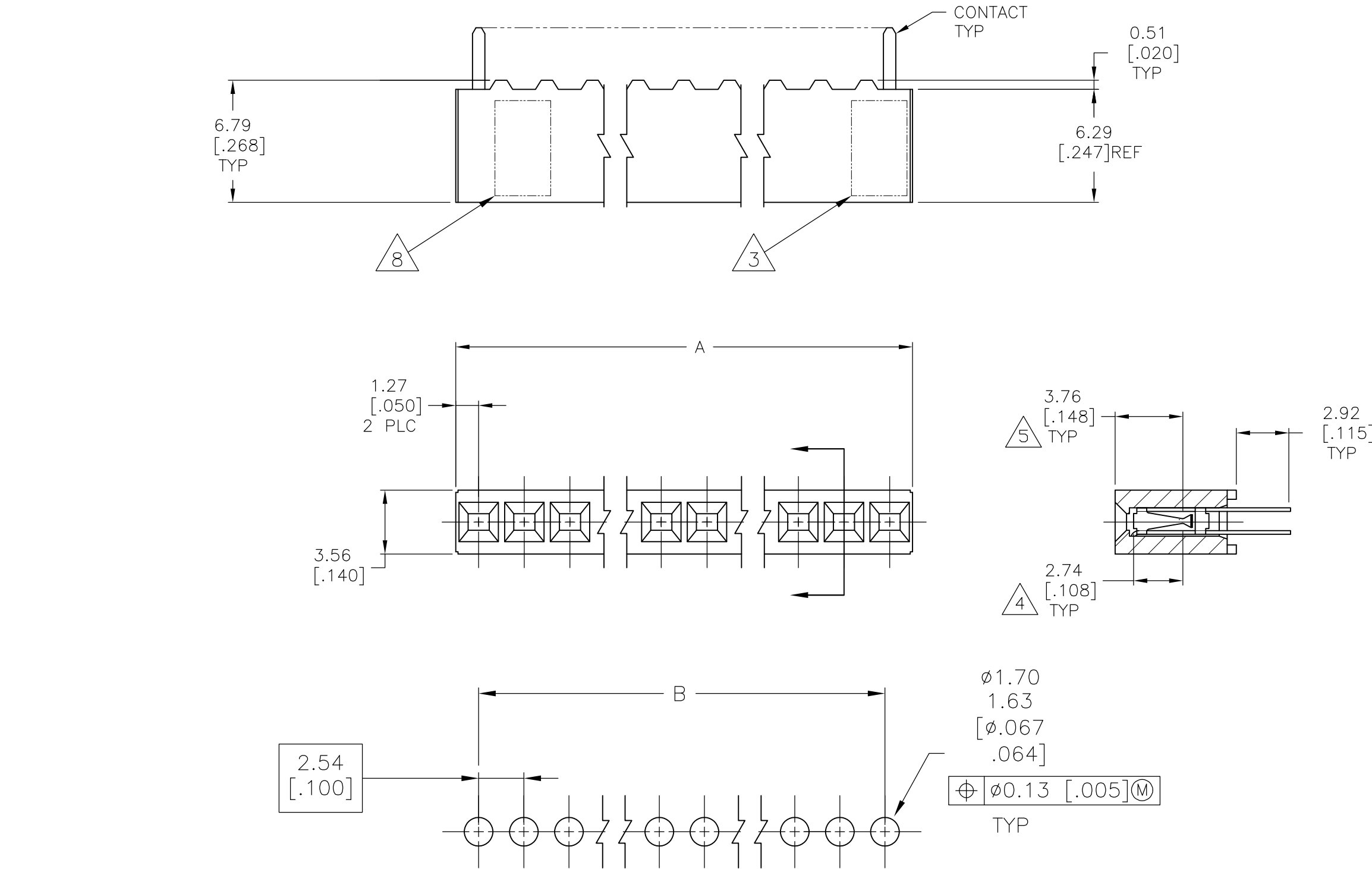




# RECOMMENDED PC BOARD HOLE PATTERN

PC BOARD THICKNESS 1.57 [.062]

- 1

HOUSING: GLASS FILLED FLAME RETARDANT POLYSTER, COLOR BLACK, CONTACTS: PHOSPHOR BRONZE.
- 2

CONTACTS: DUPLEX PLATED 0.76 MICROMETERS [.000030] GOLD IN CONTACT AREA 3.81–7.62 MICROMETERS [.000150–.000300] BRIGHT TIN–LEAD ON SOLDER LEADS. ALL OVER 1.27 [.000050] MIN NICKEL.
- 3

TE CONNECTIVITY, CSA LOGO MOLDED INTO HOUSING.
- 4

POINT OF MEASUREMENT FOR PLATING THICKNESS, MEASURED INSIDE CONTACT BEAMS
- 5

POINT OF CONTACT DIMENSION.
- 6

CONTACTS: DUPLEX PLATED 0.76 MICROMETERS (.000030) GOLD IN CONTACT AREA 3.81–7.62 MICROMETERS (.000150–.000300) MATTE TIN ON SOLDER LEADS. ALL OVER 1.27 (.000050) MIN NICKEL.
- 7

ROHS 2002 /95/EC COMPLIANT.
- 8

PART NUMBER AND DATE CODE MARKED IN APPROXIMATE LOCATION SHOWN.
- 9

NO PART NUMBER MARKING REQUIRED FOR THIS PART.
- 10

FOR 2 POS, DATE CODES MARKED OPPOSITE SIDE OF TE CONNECTIVITY LOGO.
- 11

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|             |   |                |               |             |     |           |
|-------------|---|----------------|---------------|-------------|-----|-----------|
|             | 2 | 5.08 [.200]    | 2.54 [.100]   | 2           | 910 | 3-87879-9 |
|             | 2 | 12.70 [.500]   | 10.16 [.400]  | 5           | 9   | 3-87879-8 |
|             | 2 | 7.62 [.300]    | 5.08 [.200]   | 3           | 9   | 3-87879-7 |
|             | 2 | 10.16 [.400]   | 7.62 [.300]   | 4           | 9   | 3-87879-6 |
| 11 OBSOLETE | 2 | 101.60 [4.000] | 99.06 [3.900] | 40          |     | 3-87879-5 |
|             | 2 | 99.06 [3.900]  | 96.52 [3.800] | 39          |     | 3-87879-4 |
|             | 2 | 96.52 [3.800]  | 93.98 [3.700] | 38          |     | 3-87879-3 |
|             | 2 | 93.98 [3.700]  | 91.44 [3.600] | 37          |     | 3-87879-2 |
|             | 2 | 91.44 [3.600]  | 88.90 [3.500] | 36          |     | 3-87879-1 |
|             | 2 | 88.90 [3.500]  | 86.36 [3.400] | 35          |     | 3-87879-0 |
| 11 OBSOLETE | 2 | 86.36 [3.400]  | 83.82 [3.300] | 34          |     | 2-87879-9 |
|             | 2 | 83.82 [3.300]  | 81.28 [3.200] | 33          |     | 2-87879-8 |
|             | 2 | 81.28 [3.200]  | 78.74 [3.100] | 32          |     | 2-87879-7 |
|             | 2 | 78.74 [3.100]  | 76.20 [3.000] | 31          |     | 2-87879-6 |
|             | 2 | 76.20 [3.000]  | 73.66 [2.900] | 30          |     | 2-87879-5 |
|             | 2 | 73.66 [2.900]  | 71.12 [2.800] | 29          |     | 2-87879-4 |
|             | 2 | 71.12 [2.800]  | 68.58 [2.700] | 28          |     | 2-87879-3 |
|             | 2 | 68.58 [2.700]  | 66.04 [2.600] | 27          |     | 2-87879-2 |
|             | 2 | 66.04 [2.600]  | 63.50 [2.500] | 26          |     | 2-87879-1 |
|             | 2 | 63.50 [2.500]  | 60.96 [2.400] | 25          |     | 2-87879-0 |
|             | 2 | 60.96 [2.400]  | 58.42 [2.300] | 24          |     | 1-87879-9 |
|             | 2 | 58.42 [2.300]  | 55.88 [2.200] | 23          |     | 1-87879-8 |
| 11 OBSOLETE | 2 | 55.88 [2.200]  | 53.34 [2.100] | 22          |     | 1-87879-7 |
|             | 2 | 53.34 [2.100]  | 50.80 [2.000] | 21          |     | 1-87879-6 |
|             | 2 | 50.80 [2.000]  | 48.26 [1.900] | 20          |     | 1-87879-5 |
|             | 2 | 48.26 [1.900]  | 45.72 [1.800] | 19          |     | 1-87879-4 |
|             | 2 | 45.72 [1.800]  | 43.18 [1.700] | 18          |     | 1-87879-3 |
|             | 2 | 43.18 [1.700]  | 40.64 [1.600] | 17          |     | 1-87879-2 |
| 11 OBSOLETE | 2 | 40.64 [1.600]  | 38.10 [1.500] | 16          |     | 1-87879-1 |
|             | 2 | 38.10 [1.500]  | 35.56 [1.400] | 15          |     | 1-87879-0 |
|             | 2 | 35.56 [1.400]  | 33.02 [1.300] | 14          |     | 87879-9   |
|             | 2 | 33.02 [1.300]  | 30.48 [1.200] | 13          |     | 87879-8   |
|             | 2 | 30.48 [1.200]  | 27.94 [1.100] | 12          |     | 87879-7   |
|             | 2 | 27.94 [1.100]  | 25.40 [1.000] | 11          |     | 87879-6   |
|             | 2 | 22.86 [.900]   | 20.32 [.800]  | 9           |     | 87879-5   |
|             | 2 | 17.78 [.700]   | 15.24 [.600]  | 7           |     | 87879-4   |
|             | 2 | 15.24 [.600]   | 12.70 [.500]  | 6           |     | 87879-3   |
|             | 2 | 25.40 [1.00]   | 22.86 [.900]  | 10          |     | 87879-2   |
|             | 2 | 20.32 [.800]   | 17.78 [.700]  | 8           |     | 87879-1   |
| FINISH      | A | B              | NO OF POSN    | PART NUMBER |     |           |

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DWN

J KNAUB

12-20-93

CHK

A GABANY

6-28-94

APVD

—

—

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —

1 PLC ± —

2 PLC ± —

3 PLC ± .127 [.005]

4 PLC ± —

ANGLES ± —

FINISH

1

2

6

PRODUCT SPEC

108-25022

APPLICATION SPEC

114-25018

WEIGHT

—

CUSTOMER DRAWING

NAME

CONNECTOR ASSEMBLY, MOD IV, SINGLE ROW .100CL, DUAL ENTRY

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=87879

RESTRICTED TO

—

SCALE

4:1

SHEET

1 of 2

REV

AA3

|                              |                          |       |
|------------------------------|--------------------------|-------|
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|     |      |           |     |             |      |     |      |
|-----|------|-----------|-----|-------------|------|-----|------|
| LOC | DIST | REVISIONS |     |             |      |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |      |           | —   | SEE SHEET 1 | —    | —   | —    |

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |               |              |             |                                                                                       |           |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|--------------|-------------|---------------------------------------------------------------------------------------|-----------|
|                                                                                     |  |  |    | 5.08[.200]    | 2.54[.100]   | 2           |    | 8-87879-9 |
|  | OBSOLETE                                                                            |                                                                                     |    | 12.70[.500]   | 10.16[.400]  | 5           |    | 8-87879-8 |
|                                                                                     |  |  |    | 7.62[.300]    | 5.08[.200]   | 3           |    | 8-87879-7 |
|  | OBSOLETE                                                                            |                                                                                     |    | 10.16[.400]   | 7.62[.300]   | 4           |    | 8-87879-6 |
|                                                                                     | OBSOLETE                                                                            |                                                                                     |    | 101.60[4.000] | 99.06[3.900] | 40          |    | 8-87879-5 |
|                                                                                     |                                                                                     |                                                                                     |    | 99.06[3.900]  | 96.52[3.800] | 39          |    | 8-87879-4 |
|                                                                                     |                                                                                     |                                                                                     |    | 96.52[3.800]  | 93.98[3.700] | 38          |    | 8-87879-3 |
|                                                                                     |                                                                                     |                                                                                     |    | 93.98[3.700]  | 91.44[3.600] | 37          |    | 8-87879-2 |
|                                                                                     |                                                                                     |                                                                                     |    | 91.44[3.600]  | 88.90[3.500] | 36          |    | 8-87879-1 |
|                                                                                     |                                                                                     |                                                                                     |    | 88.90[3.500]  | 86.36[3.400] | 35          |    | 8-87879-0 |
|                                                                                     |                                                                                     |                                                                                     |    | 86.36[3.400]  | 83.82[3.300] | 34          |    | 7-87879-9 |
|                                                                                     |                                                                                     |                                                                                     |    | 83.82[3.300]  | 81.28[3.200] | 33          |    | 7-87879-8 |
|                                                                                     |                                                                                     |                                                                                     |    | 81.28[3.200]  | 78.74[3.100] | 32          |    | 7-87879-7 |
|                                                                                     |                                                                                     |                                                                                     |    | 78.74[3.100]  | 76.20[3.000] | 31          |    | 7-87879-6 |
|                                                                                     |                                                                                     |                                                                                     |    | 76.20[3.000]  | 73.66[2.900] | 30          |    | 7-87879-5 |
|                                                                                     |                                                                                     |                                                                                     |   | 73.66[2.900]  | 71.12[2.800] | 29          |   | 7-87879-4 |
|                                                                                     |                                                                                     |                                                                                     |  | 71.12[2.800]  | 68.58[2.700] | 28          |  | 7-87879-3 |
|                                                                                     |                                                                                     |                                                                                     |  | 68.58[2.700]  | 66.04[2.600] | 27          |  | 7-87879-2 |
|                                                                                     |                                                                                     |                                                                                     |  | 66.04[2.600]  | 63.50[2.500] | 26          |  | 7-87879-1 |
|                                                                                     |                                                                                     |                                                                                     |  | 63.50[2.500]  | 60.96[2.400] | 25          |  | 7-87879-0 |
|                                                                                     | OBSOLETE                                                                            |                                                                                     |  | 60.96[2.400]  | 58.42[2.300] | 24          |  | 6-87879-9 |
|                                                                                     |                                                                                     |                                                                                     |  | 58.42[2.300]  | 55.88[2.200] | 23          |  | 6-87879-8 |
|                                                                                     |                                                                                     |                                                                                     |  | 55.88[2.200]  | 53.34[2.100] | 22          |  | 6-87879-7 |
|                                                                                     |                                                                                     |                                                                                     |  | 53.34[2.100]  | 50.80[2.000] | 21          |  | 6-87879-6 |
|                                                                                     |                                                                                     |                                                                                     |  | 50.80[2.000]  | 48.26[1.900] | 20          |  | 6-87879-5 |
|                                                                                     |                                                                                     |                                                                                     |  | 48.26[1.900]  | 45.72[1.800] | 19          |  | 6-87879-4 |
|                                                                                     |                                                                                     |                                                                                     |  | 45.72[1.800]  | 43.18[1.700] | 18          |  | 6-87879-3 |
|                                                                                     |                                                                                     |                                                                                     |  | 43.18[1.700]  | 40.64[1.600] | 17          |  | 6-87879-2 |
|                                                                                     |                                                                                     |                                                                                     |  | 40.64[1.600]  | 38.10[1.500] | 16          |  | 6-87879-1 |
|                                                                                     | OBSOLETE                                                                            |                                                                                     |  | 38.10[1.500]  | 35.56[1.400] | 15          |  | 6-87879-0 |
|                                                                                     |                                                                                     |                                                                                     |  | 35.56[1.400]  | 33.02[1.300] | 14          |  | 5-87879-9 |
|                                                                                     |                                                                                     |                                                                                     |  | 33.02[1.300]  | 30.48[1.200] | 13          |  | 5-87879-8 |
|                                                                                     |                                                                                     |                                                                                     |  | 30.48[1.200]  | 27.94[1.100] | 12          |  | 5-87879-7 |
|                                                                                     |                                                                                     |                                                                                     |  | 27.94[1.100]  | 25.40[1.000] | 11          |  | 5-87879-6 |
|                                                                                     | OBSOLETE                                                                            |                                                                                     |  | 22.86[.900]   | 20.32[.800]  | 9           |  | 5-87879-5 |
|                                                                                     |                                                                                     |                                                                                     |  | 17.78[.700]   | 15.24[.600]  | 7           |  | 5-87879-4 |
|                                                                                     |                                                                                     |                                                                                     |  | 15.24[.600]   | 12.70[.500]  | 6           |  | 5-87879-3 |
|                                                                                     |                                                                                     |                                                                                     |  | 25.40[1.00]   | 22.86[.900]  | 10          |  | 5-87879-2 |
| OBSOLETE                                                                            |                                                                                     |                                                                                     |  | 20.32[.800]   | 17.78[.700]  | 8           |  | 5-87879-1 |
|                                                                                     | FINISH                                                                              |                                                                                     | A                                                                                     | B             | NO OF POSN   | PART NUMBER |                                                                                       |           |

|                                                                                                   |  |                                                                                                                                                                             |  |                                                                                                       |                    |                       |                                                            |            |
|---------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|-----------------------|------------------------------------------------------------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  | DWN 12-20-93<br>J KNAUB<br>CHK A GABANY 6-28-94                                                                                                                             |  |  TE Connectivity |                    |                       |                                                            |            |
| DIMENSIONS:<br>mm [INCHES]                                                                        |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                                                                                   |  | NAME<br><br>CONNECTOR ASSEMBLY, MOD IV, SINGLE ROW<br>.100CL, DUAL ENTRY<br>—                         |                    |                       |                                                            |            |
|              |  | 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± —<br>3 PLC ± .127[.005]<br>4 PLC ± —<br>ANGLES — ± —<br>FINISH                                                                            |  |                                                                                                       |                    |                       | PRODUCT SPEC<br>108-25022<br>APPLICATION SPEC<br>114-25018 |            |
| MATERIAL<br> |  |   |  |                                                                                                       |                    |                       | WEIGHT<br>—                                                |            |
|                                                                                                   |  |                                                                                                                                                                             |  | SIZE<br>A2                                                                                            | CAGE CODE<br>00779 | DRAWING NO<br>C-87879 | RESTRICTED TO<br>—                                         |            |
| CUSTOMER DRAWING                                                                                  |  |                                                                                                                                                                             |  |                                                                                                       |                    | SCALE<br>1:1          | SHEET<br>2 of 2                                            | REV<br>AA3 |

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