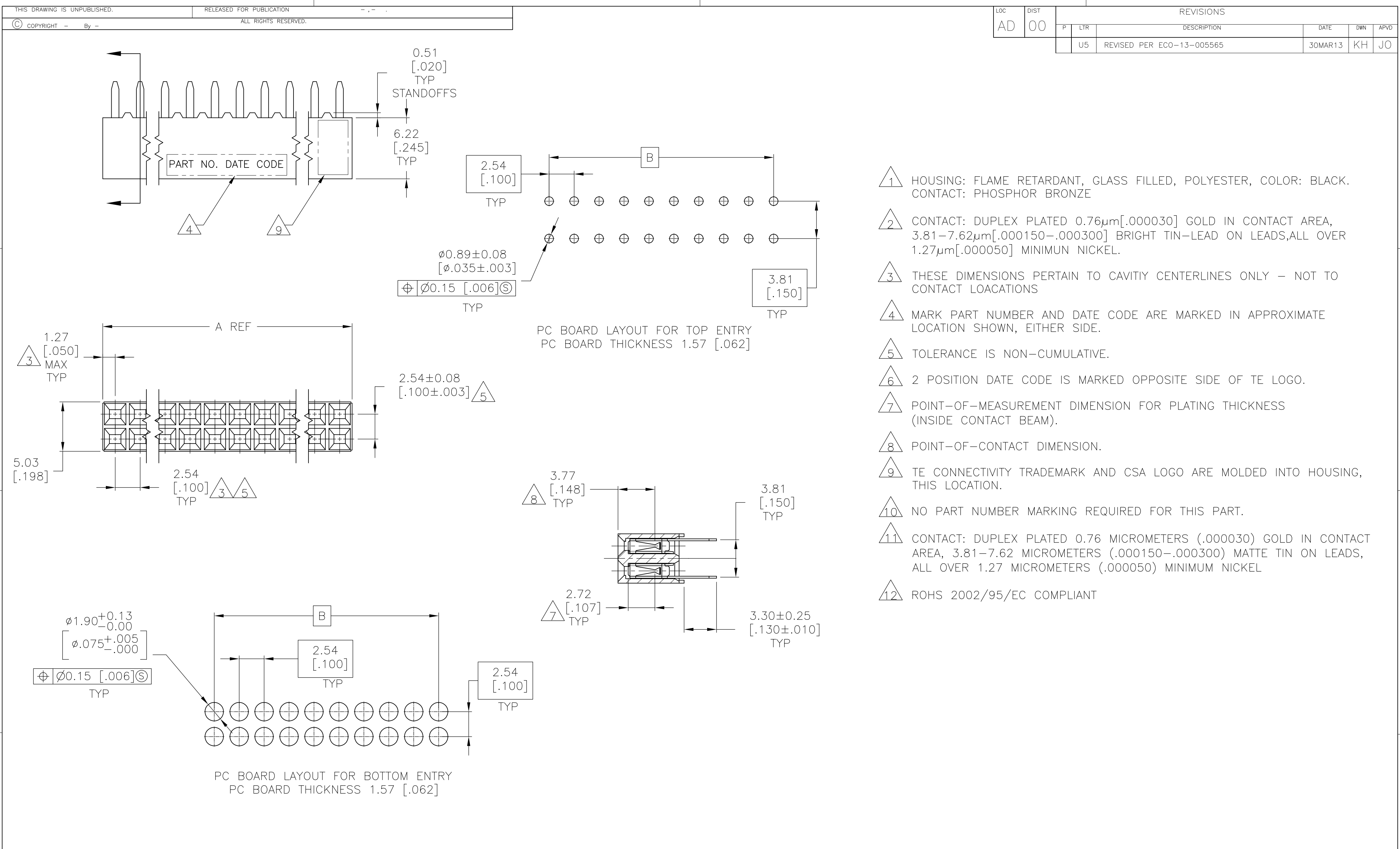




- 1 HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK.  
CONTACT: PHOSPHOR BRONZE
- 2 CONTACT: DUPLEX PLATED 0.76μm[.000030] GOLD IN CONTACT AREA,  
3.81–7.62μm[.000150–.000300] BRIGHT TIN–LEAD ON LEADS,ALL OVER  
1.27μm[.000050] MINIMUM NICKEL.
- 3 THESE DIMENSIONS PERTAIN TO CAVITY CENTERLINES ONLY – NOT TO  
CONTACT LOCATIONS
- 4 MARK PART NUMBER AND DATE CODE ARE MARKED IN APPROXIMATE  
LOCATION SHOWN, EITHER SIDE.
- 5 TOLERANCE IS NON–CUMULATIVE.
- 6 2 POSITION DATE CODE IS MARKED OPPOSITE SIDE OF TE LOGO.
- 7 POINT–OF–MEASUREMENT DIMENSION FOR PLATING THICKNESS  
(INSIDE CONTACT BEAM).
- 8 POINT–OF–CONTACT DIMENSION.
- 9 TE CONNECTIVITY TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING,  
THIS LOCATION.
- 10 NO PART NUMBER MARKING REQUIRED FOR THIS PART.
- 11 CONTACT: DUPLEX PLATED 0.76 MICROMETERS (.000030) GOLD IN CONTACT  
AREA, 3.81–7.62 MICROMETERS (.000150–.000300) MATTE TIN ON LEADS,  
ALL OVER 1.27 MICROMETERS (.000050) MINIMUM NICKEL
- 12 ROHS 2002/95/EC COMPLIANT

|                                           |        |                              |                                                                                                 |                    |                        |                 |           |
|-------------------------------------------|--------|------------------------------|-------------------------------------------------------------------------------------------------|--------------------|------------------------|-----------------|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |        | DWN<br>M.BINNER<br>06NOV2002 | TE Connectivity                                                                                 |                    |                        |                 |           |
| DIMENSIONS:<br>mm [INCHES]                |        | CHK<br>J.OLSON<br>06NOV02    |                                                                                                 |                    |                        |                 |           |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |        | APVD<br>J.OLSON<br>06NOV02   | NAME                                                                                            |                    |                        |                 |           |
|                                           |        | PRODUCT SPEC                 | RECEPTACLE ASSEMBLY, MOD IV,<br>DOUBLE ROW, DUAL ENTRY, .100X.100CL,<br>VERTICAL MOUNT, AMPMODU |                    |                        |                 |           |
|                                           |        | 108-25022                    |                                                                                                 |                    |                        |                 |           |
|                                           |        | APPLICATION SPEC             |                                                                                                 |                    |                        |                 |           |
|                                           |        | 114-25018                    |                                                                                                 |                    |                        |                 |           |
| MATERIAL                                  | FINISH | WEIGHT                       | SIZE<br>A2                                                                                      | CAGE CODE<br>00779 | DRAWING NO<br>C=535542 | RESTRICTED TO   |           |
| 1                                         | 2 11   | -                            | CUSTOMER DRAWING                                                                                |                    | SCALE<br>4:1           | SHEET<br>1 OF 2 | REV<br>U5 |

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

|        |       |         |            |             |        |    |            |            |
|--------|-------|---------|------------|-------------|--------|----|------------|------------|
|        | 99.06 | [3.900] | 101.60     | [4.000]     | 80     |    | 9-535542-0 |            |
|        | 96.52 | [3.800] | 99.06      | [3.900]     | 78     |    | 8-535542-9 |            |
|        | 93.98 | [3.700] | 96.52      | [3.800]     | 76     |    | 8-535542-8 |            |
|        | 91.44 | [3.600] | 93.98      | [3.700]     | 74     |    | 8-535542-7 |            |
|        | 88.90 | [3.500] | 91.44      | [3.600]     | 72     |    | 8-535542-6 |            |
|        | 86.36 | [3.400] | 88.90      | [3.500]     | 70     |    | 8-535542-5 |            |
|        | 83.82 | [3.300] | 86.36      | [3.400]     | 68     |    | 8-535542-4 |            |
|        | 81.28 | [3.200] | 83.82      | [3.300]     | 66     |    | 8-535542-3 |            |
|        | 78.74 | [3.100] | 81.28      | [3.200]     | 64     |    | 8-535542-2 |            |
|        | 76.20 | [3.000] | 78.74      | [3.100]     | 62     |    | 8-535542-1 |            |
|        | 73.66 | [2.900] | 76.20      | [3.000]     | 60     |    | 8-535542-0 |            |
|        | 71.12 | [2.800] | 73.66      | [2.900]     | 58     |    | 7-535542-9 |            |
|        | 68.58 | [2.700] | 71.12      | [2.800]     | 56     |    | 7-535542-8 |            |
|        | 66.04 | [2.600] | 68.58      | [2.700]     | 54     |    | 7-535542-7 |            |
|        | 63.50 | [2.500] | 66.04      | [2.600]     | 52     |    | 7-535542-6 |            |
|        | 60.96 | [2.400] | 63.50      | [2.500]     | 50     |    | 7-535542-5 |            |
|        | 58.42 | [2.300] | 60.96      | [2.400]     | 48     |    | 7-535542-4 |            |
|        | 55.88 | [2.200] | 58.42      | [2.300]     | 46     |    | 7-535542-3 |            |
|        | 53.34 | [2.100] | 55.88      | [2.200]     | 44     |    | 7-535542-2 |            |
|        | 50.80 | [2.000] | 53.34      | [2.100]     | 42     |    | 7-535542-1 |            |
|        | 48.26 | [1.900] | 50.80      | [2.000]     | 40     |    | 7-535542-0 |            |
|        | 45.72 | [1.800] | 48.26      | [1.900]     | 38     |    | 6-535542-9 |            |
|        | 43.18 | [1.700] | 45.72      | [1.800]     | 36     |    | 6-535542-8 |            |
|        | 40.64 | [1.600] | 43.18      | [1.700]     | 34     |    | 6-535542-7 |            |
|        | 38.10 | [1.500] | 40.64      | [1.600]     | 32     |    | 6-535542-6 |            |
|        | 35.56 | [1.400] | 38.10      | [1.500]     | 30     |    | 6-535542-5 |            |
|        | 33.02 | [1.300] | 35.56      | [1.400]     | 28     |    | 6-535542-4 |            |
|        | 30.48 | [1.200] | 33.02      | [1.300]     | 26     |    | 6-535542-3 |            |
|        | 27.94 | [1.100] | 30.48      | [1.200]     | 24     |    | 6-535542-2 |            |
|        | 25.40 | [1.000] | 27.94      | [1.100]     | 22     |    | 6-535542-1 |            |
|        | 22.86 | [.900]  | 25.40      | [1.000]     | 20     |    | 6-535542-0 |            |
|        | 20.32 | [.800]  | 22.86      | [.900]      | 18     |    | 5-535542-9 |            |
|        | 17.78 | [.700]  | 20.32      | [.800]      | 16     |    | 5-535542-8 |            |
|        | 15.24 | [.600]  | 17.78      | [.700]      | 14     |    | 5-535542-7 |            |
|        | 12.70 | [.500]  | 15.24      | [.600]      | 12     |    | 5-535542-6 |            |
|        |       | 10.16   | [.400]     | 12.70       | [.500] | 10 |            | 5-535542-5 |
|        |       | 7.62    | [.300]     | 10.16       | [.400] | 8  |            | 5-535542-4 |
|        |       | 5.08    | [.200]     | 7.62        | [.300] | 6  |            | 5-535542-3 |
|        |       | 2.54    | [.100]     | 5.08        | [.200] | 4  |            | 5-535542-2 |
|        |       | -       |            | 2.54        | [.100] | 2  |            | 5-535542-1 |
| FINISH | B     | A       | NO OF POSN | PART NUMBER |        |    |            |            |

|                                                                                                                                   |                          |              |               |                                   |            |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------|---------------|-----------------------------------|------------|
| <div>△<sub>10</sub></div> <div>△<sub>10</sub></div> <div>△<sub>10</sub></div> <div>△<sub>10</sub></div> <div>△<sub>10</sub></div> | <div>△<sub>2</sub></div> | 99.06[3.900] | 101.60[4.000] | 80                                | 4-535542-0 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 96.52[3.800] | 99.06[3.900]  | 78                                | 3-535542-9 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 93.98[3.700] | 96.52[3.800]  | 76                                | 3-535542-8 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 91.44[3.600] | 93.98[3.700]  | 74                                | 3-535542-7 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 88.90[3.500] | 91.44[3.600]  | 72                                | 3-535542-6 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 86.36[3.400] | 88.90[3.500]  | 70                                | 3-535542-5 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 83.82[3.300] | 86.36[3.400]  | 68                                | 3-535542-4 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 81.28[3.200] | 83.82[3.300]  | 66                                | 3-535542-3 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 78.74[3.100] | 81.28[3.200]  | 64                                | 3-535542-2 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 76.20[3.000] | 78.74[3.100]  | 62                                | 3-535542-1 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 73.66[2.900] | 76.20[3.000]  | 60                                | 3-535542-0 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 71.12[2.800] | 73.66[2.900]  | 58                                | 2-535542-9 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 68.58[2.700] | 71.12[2.800]  | 56                                | 2-535542-8 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 66.04[2.600] | 68.58[2.700]  | 54                                | 2-535542-7 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 63.50[2.500] | 66.04[2.600]  | 52                                | 2-535542-6 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 60.96[2.400] | 63.50[2.500]  | 50                                | 2-535542-5 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 58.42[2.300] | 60.96[2.400]  | 48                                | 2-535542-4 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 55.88[2.200] | 58.42[2.300]  | 46                                | 2-535542-3 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 53.34[2.100] | 55.88[2.200]  | 44                                | 2-535542-2 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 50.80[2.000] | 53.34[2.100]  | 42                                | 2-535542-1 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 48.26[1.900] | 50.80[2.000]  | 40                                | 2-535542-0 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 45.72[1.800] | 48.26[1.900]  | 38                                | 1-535542-9 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 43.18[1.700] | 45.72[1.800]  | 36                                | 1-535542-8 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 40.64[1.600] | 43.18[1.700]  | 34                                | 1-535542-7 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 38.10[1.500] | 40.64[1.600]  | 32                                | 1-535542-6 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 35.56[1.400] | 38.10[1.500]  | 30                                | 1-535542-5 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 33.02[1.300] | 35.56[1.400]  | 28                                | 1-535542-4 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 30.48[1.200] | 33.02[1.300]  | 26                                | 1-535542-3 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 27.94[1.100] | 30.48[1.200]  | 24                                | 1-535542-2 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 25.40[1.000] | 27.94[1.100]  | 22                                | 1-535542-1 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 22.86[.900]  | 25.40[1.000]  | 20                                | 1-535542-0 |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 20.32[.800]  | 22.86[.900]   | 18                                | 535542-9   |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 17.78[.700]  | 20.32[.800]   | 16                                | 535542-8   |
|                                                                                                                                   | <div>△<sub>2</sub></div> | 15.24[.600]  | 17.78[.700]   | 14                                | 535542-7   |
| <div>△<sub>2</sub></div>                                                                                                          | 12.70[.500]              | 15.24[.600]  | 12            | 535542-6                          |            |
| <div>△<sub>2</sub></div>                                                                                                          | 10.16[.400]              | 12.70[.500]  | 10            | 535542-5                          |            |
| <div>△<sub>2</sub></div>                                                                                                          | 7.62[.300]               | 10.16[.400]  | 8             | 535542-4                          |            |
| <div>△<sub>2</sub></div>                                                                                                          | 5.08[.200]               | 7.62[.300]   | 6             | 535542-3                          |            |
| <div>△<sub>2</sub></div>                                                                                                          | 2.54[.100]               | 5.08[.200]   | 4             | 535542-2                          |            |
| <div>△<sub>2</sub></div>                                                                                                          | -                        | 2.54[.100]   | 2             | <div>△<sub>6</sub></div> 535542-1 |            |
| FINISH                                                                                                                            | B                        | A            | NO OF POSN    | PART NUMBER                       |            |

535542

|                                                                                                                                                                                       |                                                                                                   |                              |                               |                                                                                                       |                                                                                                             |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                                                |                                                                                                   | DWN<br>M.BINNER<br>06NOV2002 |                               |  TE Connectivity |                                                                                                             |                    |
| DIMENSIONS:<br>mm [INCHES]                                                                                                                                                            |                                                                                                   | CHK<br>J.OLSON<br>06NOV02    |                               |                                                                                                       |                                                                                                             |                    |
|                                                                                                  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                            |                              | APVD<br>J.OLSON<br>06NOV02    |                                                                                                       | NAME<br><br>RECEPTACLE ASSEMBLY, MOD IV,<br>DOUBLE ROW, DUAL ENTRY, .100X.100CL,<br>VERTICAL MOUNT, AMPMODU |                    |
|                                                                                                                                                                                       | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± 0.13[.005]<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± -              |                              | PRODUCT SPEC<br>108-25022     |                                                                                                       |                                                                                                             |                    |
|                                                                                                                                                                                       | MATERIAL<br> |                              | APPLICATION SPEC<br>114-25018 |                                                                                                       |                                                                                                             | SIZE<br>A2         |
| FINISH<br>  |                                                                                                   | WEIGHT<br>-                  |                               | CAGE CODE<br>00779                                                                                    | DRAWING NO<br>C=535542                                                                                      | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                                                                                                                                                                      |                                                                                                   |                              |                               | SCALE<br>1:1                                                                                          | SHEET<br>2 of 2                                                                                             | REV<br>U5          |

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