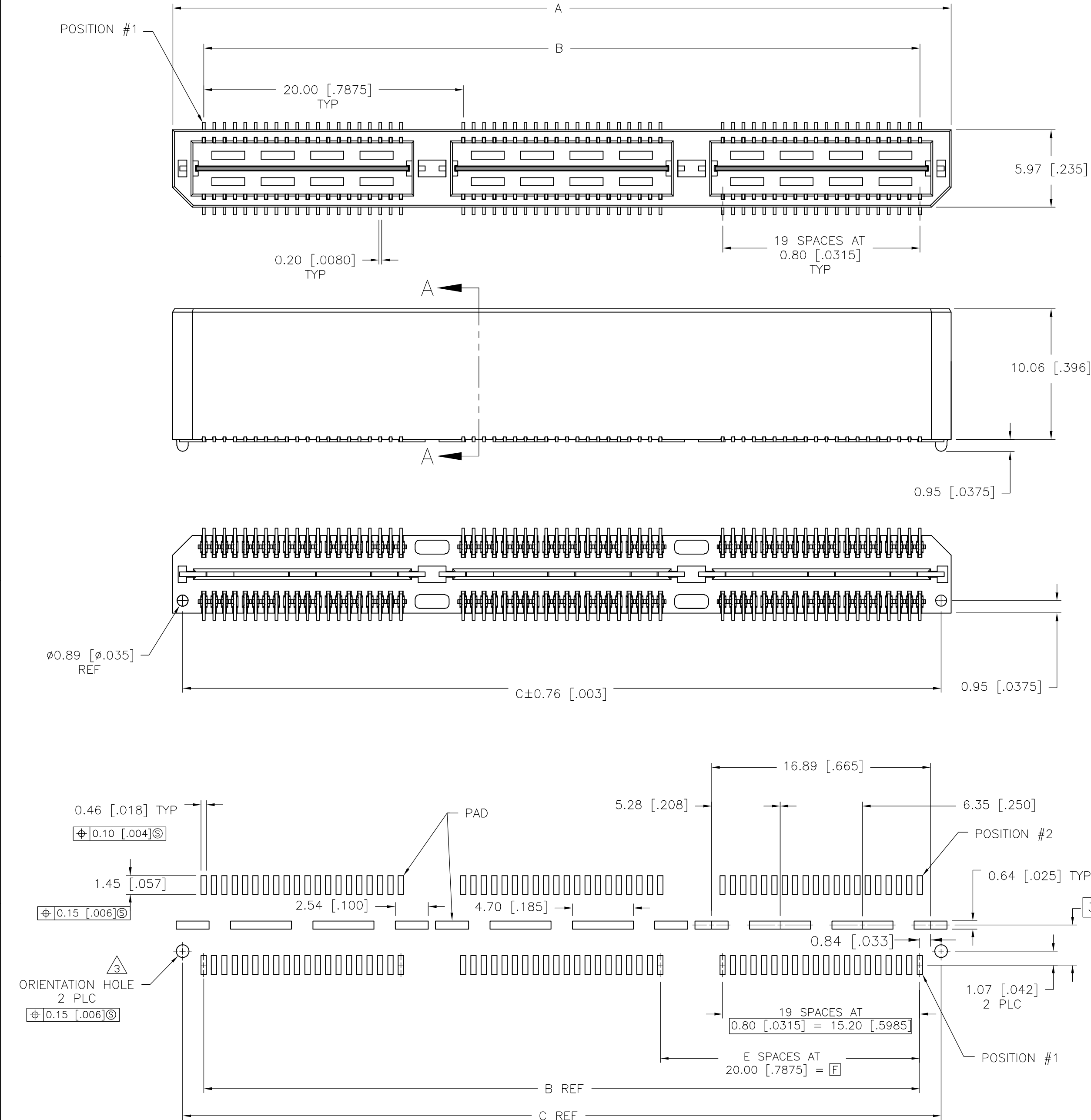


| LOC | DIST | REVISIONS |     |                             |         |     |
|-----|------|-----------|-----|-----------------------------|---------|-----|
| AD  | 00   | P         | LTR | DESCRIPTION                 | DATE    | DWN |
|     |      | H         |     | REVISED PER EC 0512-0273-05 | 19SEP05 | JDP |

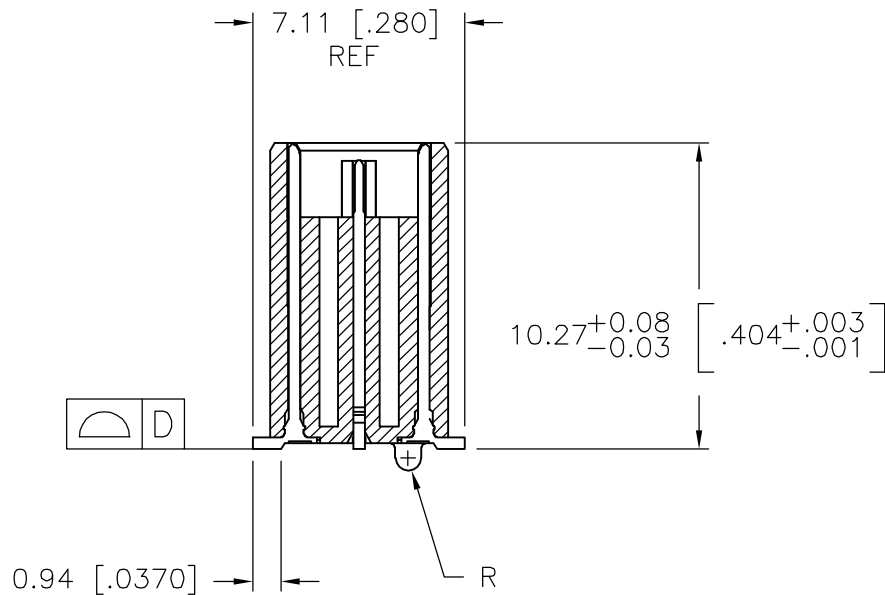


- 1

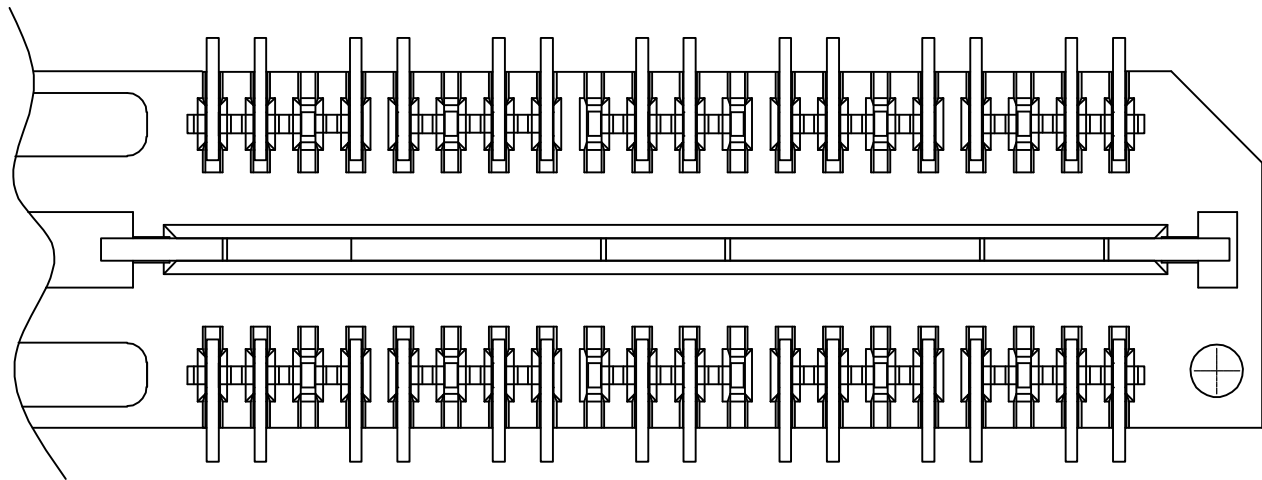
HOUSING: LCP, BLACK.  
CONTACT & GROUND PLANE: PHOS BRONZE.
- 2

CONTACT PLATING: SELECT 0.25 MICROMETERS (.000010 IN.) MIN. GOLD.
- 3

FOR STANDARD APPLICATIONS, ORIENTATION HOLE TO BE Ø1.02 [Ø.0400].



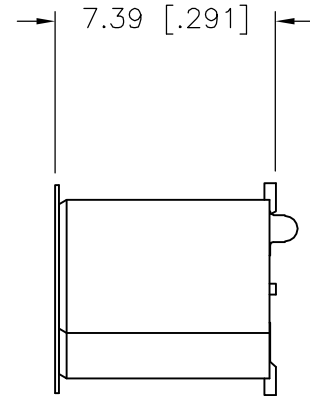
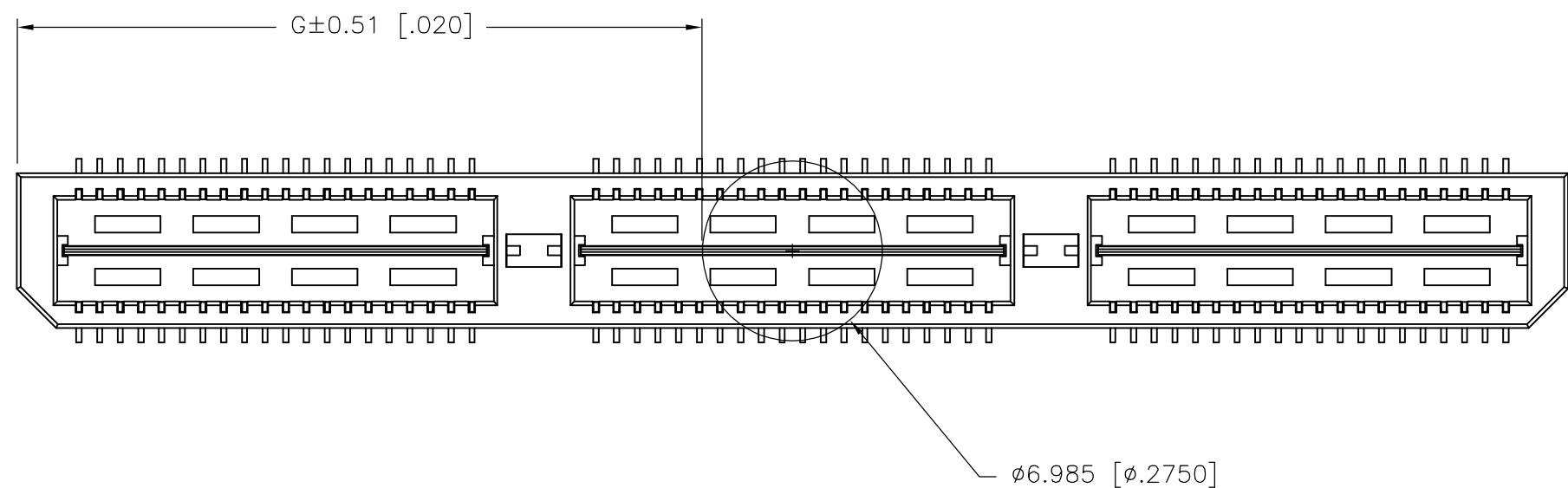
SECTION A-A



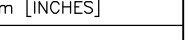
DIFFERENTIAL PAIR LOADING  
(BOTTOM VIEW)  
SCALE 2:1

RECOMMENDED PC BOARD LAYOUT  
(VIEWED FROM CONNECTOR SIDE)

|                                        |                                                                                                                                                             |                  |                 |                                                                                         |                    |                         |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------------------------------------------------------------------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                                                                             | DWN<br>B.CARBO   | 30JAN03         | <b>tyco</b><br>Electronics<br>Tyco Electronics Corporation<br>Harrisburg, PA 17105-3608 |                    |                         |
| DIMENSIONS:<br>mm [INCHES]             |                                                                                                                                                             | CHK<br>D.DIXON   | 30JAN03         |                                                                                         |                    |                         |
|                                        | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± 0.3[.01]<br>2 PLC ± 0.13[.005]<br>3 PLC ± 0.051[.0020]<br>4 PLC ± -<br>ANGLES ± 2°<br>FINISH | APVD<br>D.DIXON  | 30JAN03         | NAME<br>HEADER ASSEMBLY, 11.0MM [.433] VERTICAL,<br>0.80MM CL,<br>MICTOR SB             |                    |                         |
|                                        |                                                                                                                                                             | PRODUCT SPEC     |                 | SIZE<br>A2                                                                              | CAGE CODE<br>00779 | DRAWING NO<br>C=1658015 |
| MATERIAL                               | 1                                                                                                                                                           | APPLICATION SPEC |                 | WEIGHT                                                                                  | -                  | RESTRICTED TO           |
| CUSTOMER DRAWING                       |                                                                                                                                                             | SCALE<br>3:1     | SHEET<br>1 of 2 | REV<br>H                                                                                |                    |                         |



|              |              |   |              |              |              |               |                         |                   |               |              |                |
|--------------|--------------|---|--------------|--------------|--------------|---------------|-------------------------|-------------------|---------------|--------------|----------------|
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                     | POCKET TAPE       | YES           | 84           | 7-1658015-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                     | POCKET TAPE       | YES           | 56           | 7-1658015-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                     | POCKET TAPE       | YES           | 28           | 7-1658015-1    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                     | POCKET TAPE       | NO            | 120          | 6-1658015-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                     | POCKET TAPE       | NO            | 80           | 6-1658015-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                     | POCKET TAPE       | NO            | 40           | 6-1658015-1    |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                      | POCKET TAPE       | YES           | 84           | 5-1658015-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                      | POCKET TAPE       | YES           | 56           | 5-1658015-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                      | POCKET TAPE       | YES           | 28           | 5-1658015-1    |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                      | POCKET TAPE       | NO            | 120          | 4-1658015-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                      | POCKET TAPE       | NO            | 80           | 4-1658015-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                      | POCKET TAPE       | NO            | 40           | 4-1658015-1    |
| 46.51(1.831) | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | YES                     | TRAY              | YES           | 140          | 3-1658015-5    |
| 36.53(1.438) | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | YES                     | TRAY              | YES           | 112          | 3-1658015-4    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                     | TRAY              | YES           | 84           | 3-1658015-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                     | TRAY              | YES           | 56           | 3-1658015-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                     | TRAY              | YES           | 28           | 3-1658015-1    |
| 46.51(1.831) | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | YES                     | TRAY              | NO            | 200          | 2-1658015-5    |
| 36.53(1.438) | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | YES                     | TRAY              | NO            | 160          | 2-1658015-4    |
| 26.52(1.044) | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | YES                     | TRAY              | NO            | 120          | 2-1658015-3    |
| 16.51(.650)  | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | YES                     | TRAY              | NO            | 80           | 2-1658015-2    |
| 6.50(.256)   | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | YES                     | TRAY              | NO            | 40           | 2-1658015-1    |
| -            | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | NO                      | TRAY              | YES           | 140          | 1-1658015-5    |
| -            | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | NO                      | TRAY              | YES           | 112          | 1-1658015-4    |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                      | TRAY              | YES           | 84           | 1-1658015-3    |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                      | TRAY              | YES           | 56           | 1-1658015-2    |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                      | TRAY              | YES           | 28           | 1-1658015-1    |
| -            | 80.00(3.150) | 4 | 0.152(.0060) | 98.50(3.748) | 95.20(3.748) | 100.00(3.937) | NO                      | TRAY              | NO            | 200          | 1658015-5      |
| -            | 60.00(2.362) | 3 | 0.152(.0060) | 78.49(3.090) | 75.20(2.961) | 80.00(3.150)  | NO                      | TRAY              | NO            | 160          | 1658015-4      |
| -            | 40.00(1.575) | 2 | 0.102(.0040) | 58.50(2.303) | 55.20(2.173) | 60.00(2.362)  | NO                      | TRAY              | NO            | 120          | 1658015-3      |
| -            | 20.00(.7874) | 1 | 0.102(.0040) | 38.48(1.515) | 35.20(1.386) | 40.00(1.575)  | NO                      | TRAY              | NO            | 80           | 1658015-2      |
| -            | 0(.000)      | 0 | 0.102(.0040) | 18.49(.728)  | 15.20(.598)  | 20.00(.787)   | NO                      | TRAY              | NO            | 40           | 1658015-1      |
| G            | F            | E | D            | C            | B            | A             | POLYIMIDE<br>FILM PAD ▲ | PACKAGING<br>TYPE | DIFF.<br>PAIR | NO OF<br>POS | PART<br>NUMBER |

|                                                                                       |  |                                           |  |                                                                                                                        |           |            |               |       |        |     |   |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------|-----------|------------|---------------|-------|--------|-----|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>B. CARBO<br>30JAN03                |  | <div><div>tyco</div><div>Electronics</div></div> <div>Tyco Electronics Corporation<br/>Harrisburg, PA 17105-3608</div> |           |            |               |       |        |     |   |
|                                                                                       |  | CHK<br>D. DIXON<br>30JAN03                |  |                                                                                                                        |           |            |               |       |        |     |   |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  | NAME<br><br>HEADER ASSEMBLY, 11.0MM [.433] VERTICAL,<br>0.80MM CL,<br>MICTOR SB                                        |           |            |               |       |        |     |   |
|  |  | APVD<br>D. DIXON<br>30JAN03               |  |                                                                                                                        |           |            |               |       |        |     |   |
|                                                                                       |  | PRODUCT SPEC<br>—                         |  |                                                                                                                        |           |            |               |       |        |     |   |
|                                                                                       |  | APPLICATION SPEC<br>—                     |  |                                                                                                                        |           |            |               |       |        |     |   |
| MATERIAL                                                                              |  | FINISH                                    |  | SIZE                                                                                                                   | CAGE CODE | DRAWING NO | RESTRICTED TO |       |        |     |   |
| SEE SHEET 1                                                                           |  | SEE SHEET 1                               |  | WEIGHT                                                                                                                 | —         | A2 00779   | C-1658015     | —     |        |     |   |
| CUSTOMER DRAWING                                                                      |  |                                           |  |                                                                                                                        |           | SCALE      | 3:1           | SHEET | 2 of 2 | REV | H |

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