

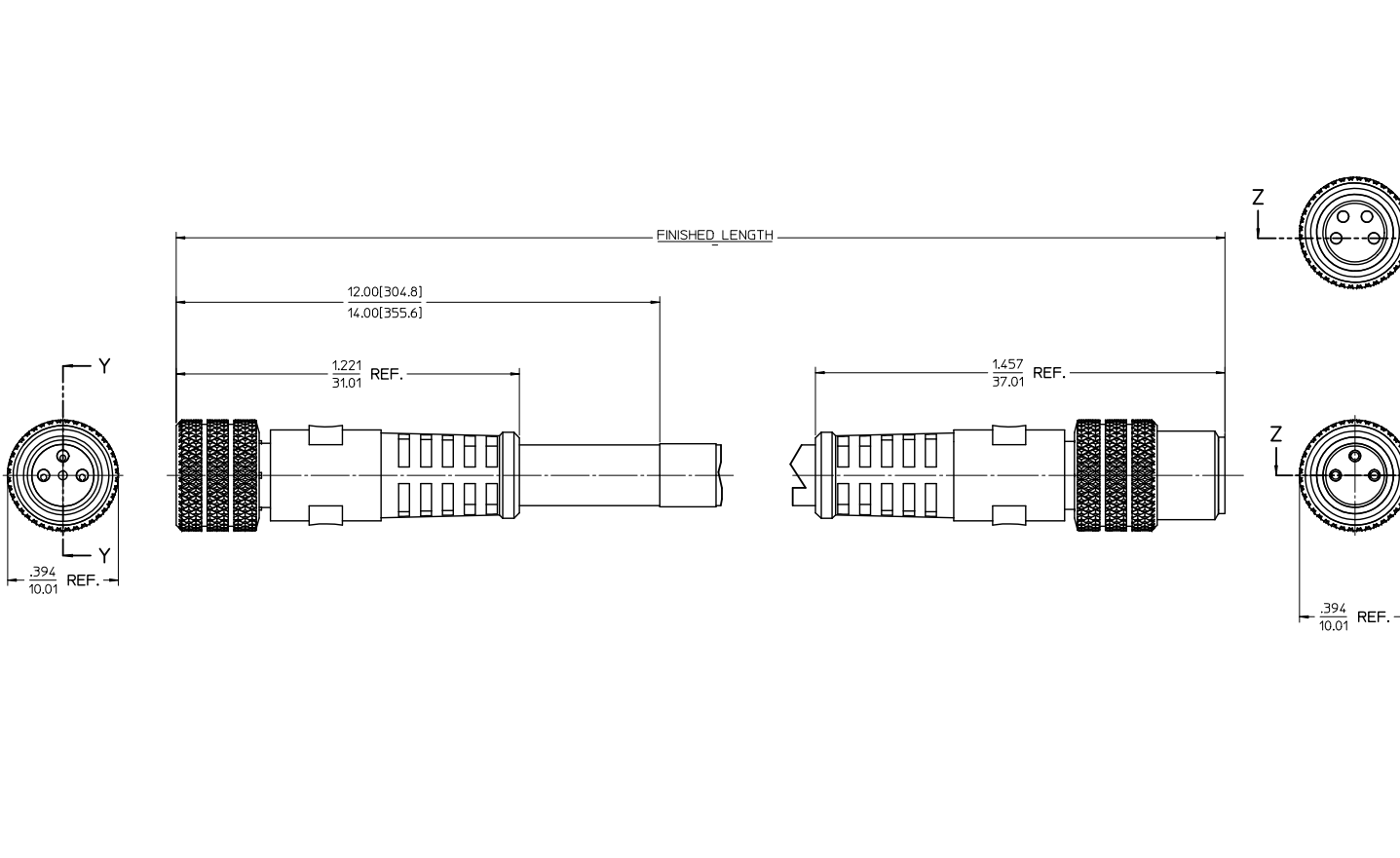
## **Excellent Integrated System Limited**

Stocking Distributor

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[Molex Connector Corporation](#)  
[1200870113](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



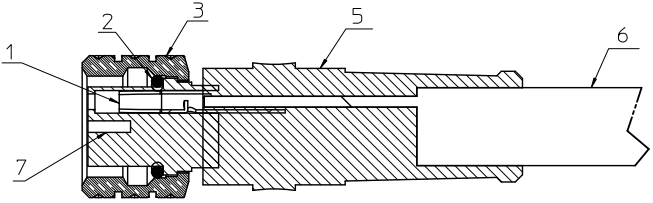
| <b>ENTER DESCRIPTION</b><br>EC NO: WEC200-0019<br>DRAWNLSG 2009/07/16<br>CHKCD: JPMURPHY 2009/08/10<br>APPR: JPMURPHY 2009/08/10<br>DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0                        | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>1 PLACE</td> <td>± .005</td> <td>± .0002</td> </tr> </tbody> </table> |  | mm   | INCH | 4 PLACES | ± .005 | ± .0002 | 3 PLACES | ± .005 | ± .0002 | 2 PLACES | ± .005 | ± .0002 | 1 PLACE | ± .005 | ± .0002 | DIMENSION STYLE<br>IN/MM | SCALE<br>4:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|--|--|--|--|--|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|--------------------------|--------------|----------------------|------------------------|
|  |  | mm   | INCH   |  |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
|  | 4 PLACES   | ± .005   | ± .0002  |  |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
|  | 3 PLACES   | ± .005   | ± .0002  |  |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
| 2 PLACES   | ± .005   | ± .0002  |  |  |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
| 1 PLACE  | ± .005   | ± .0002  |  |  |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
|  |  | DRAWN BY NKUMAR01<br>DATE 16/07/09   | CHECKED BY BWOODMAN<br>DATE 16/07/09           | TITLE<br>NC 4P M/MFE 0.6M<br>ST/ST CPLR 24     |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
|  |  | APPROVED BY JFMURPHY<br>DATE 16/07/09  | MATERIAL NO. SEE SHEET 3<br>MOLEX INCORPORATED |  |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |
|  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE C   |  | DOCUMENT NO. SD-120087-092<br>SHEET NO. 1 OF 3 |      |          |        |         |          |        |         |          |        |         |         |        |         |                          |              |                      |                        |

13 12 11 10 9 8 6 5 4 3 2 1

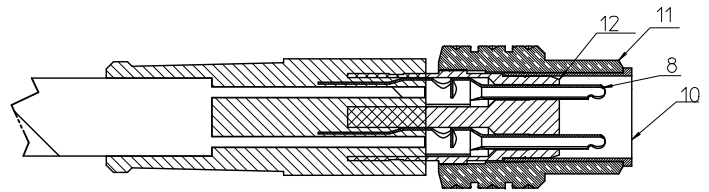
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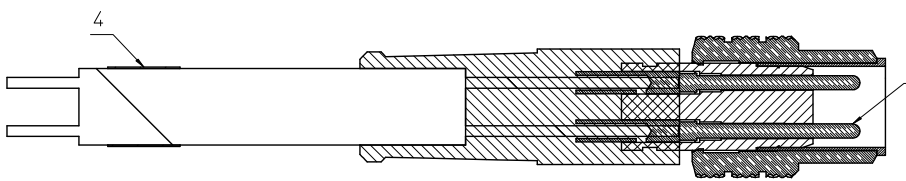
| FEMALE INSERT FRONT VIEW     |   |   | MALE INSERT FRONT VIEW       |   |   |
|------------------------------|---|---|------------------------------|---|---|
| 3 POLE                       | 4 POLE                                  | 5 POLE  | 3 POLE                       | 4 POLE                                  | 5 POLE  |
|                              |   |   |                              |   |   |
| 1 BROWN<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK<br>5 GREY | 1 BROWN<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK | 1 BROWN<br>2 WHITE<br>3 BLUE<br>4 BLACK<br>5 GREY |



SEC Y-Y



SEC Z-Z



SECTION Z-Z  
FOR 4-5 PLOE ONLY  
[4 POLE SHOWN]

|   |                                      |   |     |                                 |     |   |                      |   |  |  |
|---|--------------------------------------|---|-----|---------------------------------|-----|---|----------------------|---|--|--|
| <b>ENTER DESCRIPTION</b><br>EC NO: WEU2010-0019<br>DRAWNLSG: 2009/07/16<br>CHKD: 2009/08/10<br>APPR: JFMURPHY<br>DESCRIPTION: | <b>QUALITY SYMBOLS</b><br>▽=0<br>∇=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>            |     | <b>DIMENSION STYLE</b><br>IN/MM |     | SCALE<br>5:1  | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION  |  |  |
|   |                                      | 4 PLACES  | ±   | ---                             | --- | ---   | ---                  | NC 4P M/MFE 0.6M<br>ST/ST CPLR 24<br>Molex MOLEX INCORPORATED<br>MATERIAL NO. SEE SHEET 3<br>DOCUMENT NO. SD-120087-092<br>SHEET NO. 2 OF 3 |  |  |
|   |                                      | 3 PLACES  | ±   | ---                             | --- | ---   |                      |   |  |  |
|   |                                      | 2 PLACES  | ±   | ---                             | --- | ---   |                      |   |  |  |
| 1 PLACE   | ±                                    | ---   | --- | ---                             |     |   |                      |   |  |  |
| ANGULAR ±1/2°   |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |     | SIZE C                          |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |   |  |  |

1b\_frame\_C\_P\_AM\_T Rev. E 2006/04/15 12 11 10 9 8 7 6 5 4 3 2 1

| SL.No | DESCRIPTION                | MATERIAL     | FINISH        | FEMALE INSERT ASSEMBLY |        |        | MALE INSERT ASSEMBLY |        |        |
|-------|----------------------------|--------------|---------------|------------------------|--------|--------|----------------------|--------|--------|
|       |                            |              |               | 3 POLE                 | 4 POLE | 5 POLE | 3 POLE               | 4 POLE | 5 POLE |
| 1     | CONTACT SOCKET             | COPPER ALLOY | GOLD PLATED   | 3                      | 4      | 5      |                      |        |        |
| 2     | O-RING                     | VITON        | RED           |                        |        |        |                      |        |        |
| 3     | COUPLING NUT               | BRASS        | NICKEL PLATED | 1                      | 1      | 1      |                      |        |        |
| 4     | LABEL                      | PLASTIC FILM | BLACK/YELLOW  |                        |        |        |                      |        |        |
| 5     | OVER MOLD                  | TPE          | YELLOW        | 1                      | 1      | 1      | 1                    | 1      | 1      |
| 6     | CABLE, 24 AWG, 3 CONDUCTOR | PVC JACKET   | YELLOW        | 1                      |        |        | 1                    |        |        |
|       | CABLE, 24 AWG, 4 CONDUCTOR | PVC JACKET   | YELLOW        |                        | 1      |        |                      | 1      |        |
|       | CABLE, 24 AWG, 5 CONDUCTOR | PVC JACKET   | YELLOW        |                        |        | 1      |                      |        | 1      |
| 7     | INSERT FEMALE 3 POLE       | PUR          | BLACK         | 1                      |        |        |                      |        |        |
|       | INSERT FEMALE 4 POLE       | PUR          | BLACK         |                        | 1      |        |                      |        |        |
|       | INSERT FEMALE 5 POLE       | PUR          | BLACK         |                        |        | 1      |                      |        |        |
| 8     | STAMP & FORM CONTACT       | COPPER ALLOY | GOLD PLATED   |                        |        |        | 3                    |        |        |
| 9     | SCREW MACHINE CONTACT      | COPPER ALLOY | GOLD PLATED   |                        |        |        |                      | 4      | 5      |
| 10    | SLEEVE                     | BRASS        | NICKEL PLATED |                        |        |        | 1                    | 1      | 1      |
| 11    | COUPLING NUT               | BRASS        | NICKEL PLATED |                        |        |        | 1                    | 1      | 1      |
| 12    | INSERT MALE 3 POLE         | PUR          | BLACK         |                        |        |        | 1                    |        |        |
|       | INSERT MALE 4 POLE         | PUR          | BLACK         |                        |        |        |                      | 1      |        |
|       | INSERT MALE 5 POLE         | PUR          | BLACK         |                        |        |        |                      |        | 1      |

| PART NUMBER | DESCRIPTION   | FINISHED LENGTH                 |
|-------------|---------------|---------------------------------|
| 1200870071  | 443030A10M006 | 0.6M +45MM -0 [1' 11" +1.8" -0] |
| 1200870074  | 443030A10M010 | 1M +56MM -0 [3' 3" +2.2" -0]    |
| 1200870078  | 443030A10M020 | 2M +90MM -0 [6' 6" +3.5" -0]    |
| 1200870079  | 443030A10M030 | 3M +90MM -0 [9' 10" +3.5" -0]   |
| 1200870080  | 443030A10M040 | 4M +150MM -0 [13' 1" +6" -0]    |
| 1200870081  | 443030A10M050 | 5M +150MM -0 [16' 4" +6" -0]    |
| 1200870092  | 444030A10M006 | 0.6M +45MM -0 [1' 11" +1.8" -0] |
| 1200870093  | 444030A10M010 | 1M +56MM -0 [3' 3" +2.2" -0]    |
| 1200870095  | 444030A10M020 | 2M +90MM -0 [6' 6" +3.5" -0]    |
| 1200870096  | 444030A10M030 | 3M +90MM -0 [9' 10" +3.5" -0]   |
| 1200870097  | 444030A10M040 | 4M +150MM -0 [13' 1" +6" -0]    |
| 1200870098  | 444030A10M050 | 5M +150MM -0 [16' 4" +6" -0]    |
| 1200870677  | 445030A10M006 | 0.6M +45MM -0 [1' 11" +1.8" -0] |
| 1200870112  | 445030A10M010 | 1M +56MM -0 [3' 3" +2.2" -0]    |
| 1200870113  | 445030A10M020 | 2M +90MM -0 [6' 6" +3.5" -0]    |
| 1200870678  | 445030A10M030 | 3M +90MM -0 [9' 10" +3.5" -0]   |
| 1200870114  | 445030A10M040 | 4M +150MM -0 [13' 1" +6" -0]    |
| 1200870041  | 445030A10M050 | 5M +150MM -0 [16' 4" +6" -0]    |

|   |                                      |  |              |                                 |             |              |  |                        |  |
|---|--------------------------------------|--|--------------|---------------------------------|-------------|--------------|--|------------------------|--|
| <b>ENTER DESCRIPTION</b><br>EC NO: WEU2010-0019<br>DRAWNLSG: 2009/07/16<br>CHKD: 2009/08/10<br>APPR: J.MURPHY<br>REV: | <b>QUALITY SYMBOLS</b><br>▽=0<br>∇=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>         |              | <b>DIMENSION STYLE</b><br>IN/MM |             | SCALE<br>5:1 | DESIGN UNITS<br>INCH   | THIRD ANGLE PROJECTION |  |
|   |                                      | 4 PLACES ± --- ± ---                                 | mm           | INCH                            | DRAWN BY    | DATE         | NC 4P M/MFE 0.6M<br>ST/ST CPLR 24<br>MOLEX INCORPORATED<br>SD-120087-092<br>SHEET NO. 3 OF 3 |                        |  |
|   |                                      | 3 PLACES ± --- ± ---                                 |              |                                 | CHECKED BY  | DATE         |  |                        |  |
|   |                                      | 2 PLACES ± --- ± ---                                 |              |                                 | APPROVED BY | DATE         |  |                        |  |
| 1 PLACE ± --- ± ---   |                                      |  | MATERIAL NO. | DOCUMENT NO.                    |             |              |  |                        |  |
| ANGULAR ±1/2°   |                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |              | SEE CHART                       |             |              |  |                        |  |