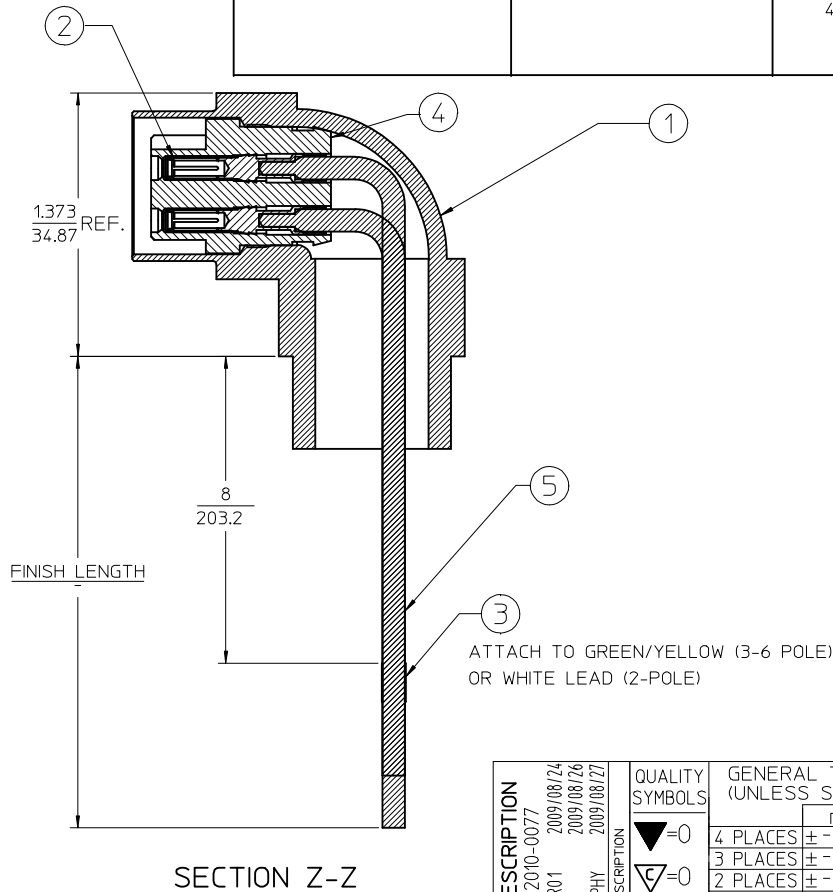
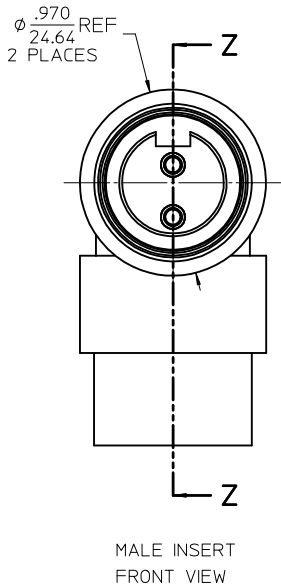


# FACE VIEW - FEMALE INSERT SCALE 1.5 : 1

|                    |                                      |                                               |                                                           |                                                                     |
|--------------------|--------------------------------------|-----------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------|
|                    |                                      |                                               |                                                           |                                                                     |
| 1 WHITE<br>2 BLACK | 1 GREEN/YELLOW<br>2 BLACK<br>3 WHITE | 1 BLACK<br>2 WHITE<br>3 RED<br>4 GREEN/YELLOW | 1 WHITE<br>2 RED<br>3 GREEN/YELLOW<br>4 ORANGE<br>5 BLACK | 1 WHITE<br>2 RED<br>3 GREEN/YELLOW<br>4 ORANGE<br>5 BLACK<br>6 BLUE |



FINAL ASSEMBLY  
1300130074

|                                                                                                                   |             |                                       |                                                            |       |                          |                         |                  |                                         |                               |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|------------------------------------------------------------|-------|--------------------------|-------------------------|------------------|-----------------------------------------|-------------------------------|--|--|--|--|
| ENTER DESCRIPTION<br>EC NO: WNA2010-0077<br>DRAWN BY: NKUMAR01<br>CHKD: 2009/08/26<br>APP: JFMURPHY<br>2009/08/27 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>IN/MM |                         | SCALE<br>2:1     | DESIGN UNITS<br>INCH                    | THIRD ANGLE PROJECTION<br>⊙ □ |  |  |  |  |
|                                                                                                                   |             |                                       |                                                            | mm    | INCH                     | DRAWN BY<br>NKUMAR01    | DATE<br>21/08/09 | TITLE<br>MC 2P FR 12IN. 90D<br>16/1 PVC |                               |  |  |  |  |
|                                                                                                                   |             |                                       | 4 PLACES                                                   | ± --- | ± ---                    | CHECKED BY<br>BWOODMAN  | DATE<br>21/08/09 |                                         |                               |  |  |  |  |
|                                                                                                                   |             |                                       | 3 PLACES                                                   | ± --- | ± ---                    | APPROVED BY<br>JFMURPHY |                  | DATE<br>2009/08/26                      | molex MOLEX INCORPORATED      |  |  |  |  |
|                                                                                                                   |             |                                       | 2 PLACES                                                   | ± --- | ± ---                    |                         |                  |                                         |                               |  |  |  |  |
|                                                                                                                   |             |                                       | 1 PLACE                                                    | ± --- | ± ---                    | MATERIAL NO.            |                  | DOCUMENT NO.                            |                               |  |  |  |  |
|                                                                                                                   |             |                                       | ANGULAR ±1/2°                                              |       |                          | SHEET NO.               |                  | 1 OF 2                                  |                               |  |  |  |  |
|                                                                                                                   |             |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                          | SEE SHEET 2             |                  | SD-130013-074                           |                               |  |  |  |  |
|                                                                                                                   |             |                                       |                                                            |       |                          | SIZE                    |                  |                                         |                               |  |  |  |  |
|                                                                                                                   |             |                                       |                                                            |       |                          | C                       |                  |                                         |                               |  |  |  |  |

|                                                                                                                               |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|

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|         |                               |                 |              | FEMALE 90° RECEPTACLE ASSEMBLY |        |        |        |        |
|---------|-------------------------------|-----------------|--------------|--------------------------------|--------|--------|--------|--------|
|         |                               |                 |              | 2 POLE                         | 3 POLE | 4 POLE | 5 POLE | 6 POLE |
| Sl. No. | DESCRIPTION                   | MATERIAL        | FINISH       | QUANTITY                       |        |        |        |        |
| 1       | MC RIGHT ANGEL SHELL 90DEG    | ZINC DIECAST    | BLACK E-COAT | 1                              | 1      | 1      | 1      | 1      |
| 2       | SOCKET SLEEVE - TUBE          | STAINLESS STEEL | PASSIVATED   | 2                              | 3      | 4      | 5      | 6      |
| 3       | LABEL                         | PLASTIC FILM    | BLACK/YELLOW | 1                              | 1      | 1      | 1      | 1      |
|         | SOCKET CONTACT 16AWG          | COPPER ALLOY    | GOLD PLATED  | 2                              | 3      | 4      | 5      | 6      |
| 4       | 2P MALE INSERT PVC A SIZE     | PVC             | YELLOW       | 1                              |        |        |        |        |
|         | 3P MALE INSERT PVC A SIZE     | PVC             | YELLOW       |                                | 1      |        |        |        |
|         | 4P MALE INSERT PVC A SIZE     | PVC             | YELLOW       |                                |        | 1      |        |        |
|         | 5P MALE INSERT PVC A SIZE     | PVC             | YELLOW       |                                |        |        | 1      |        |
|         | 6P MALE INSERT PVC A SIZE     | PVC             | YELLOW       |                                |        |        |        | 1      |
| 5       | #16-1 WHT PVC WIRE UL1015     | PVC JACKET      | WHITE        | 1                              | 1      | 1      | 1      | 1      |
|         | #16-1 RED PVC WIRE UL1015     | PVC JACKET      | RED          |                                |        | 1      | 1      | 1      |
|         | #16-1 ORN PVC WIRE UL1015     | PVC JACKET      | ORANGE       |                                |        |        | 1      | 1      |
|         | #16-1 GRN/YEL PVC WIRE UL1015 | PVC JACKET      | GREEN/YELLOW |                                | 1      | 1      | 1      | 1      |
|         | #16-1 BLU PVC WIRE UL1015     | PVC JACKET      | BLUE         |                                |        |        |        | 1      |
|         | #16-1 BLK PVC WIRE UL1015     | PVC JACKET      | BLACK        | 1                              | 1      | 1      | 1      | 1      |

| PART NUMBER | DESCRIPTION   | FINISHED LENGTH                  |
|-------------|---------------|----------------------------------|
| 1300130074  | 1R2005A20A120 | 12.0" +.75" -0 [0.3M +19.1MM -0] |
| 1300130184  | 1R3005A20A120 | 12.0" +.75" -0 [0.3M +19.1MM -0] |
| 1300130337  | 1R4005A20A120 | 12.0" +.75" -0 [0.3M +19.1MM -0] |
| 1300130482  | 1R5005A20A120 | 12.0" +.75" -0 [0.3M +19.1MM -0] |
| 1300130589  | 1R6005A20A120 | 12.0" +.75" -0 [0.3M +19.1MM -0] |

| POLE COUNT | MAX. VOLTAGE RATING | MAX. CURRENT RATING |
|------------|---------------------|---------------------|
| 2 POLE     | 600 VOLTS           | 13 AMPS             |
| 3 POLE     | 600 VOLTS           | 13 AMPS             |
| 4 POLE     | 600 VOLTS           | 10 AMPS             |
| 5 POLE     | 600 VOLTS           | 8 AMPS              |
| 6 POLE     | 600 VOLTS           | 8 AMPS              |

ENTER DESCRIPTION  
EC NO: WNA2010-0077  
DRAWN BY: DRWANKUMAR01 2009/08/24  
CHKD: 2009/08/26  
APPR: JFMURPHY 2009/08/27

REV  
A

QUALITY SYMBOLS  
▽=0  
▽=0

DESCRIPTION  
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± ---  
2 PLACES ± --- ± ---  
1 PLACE ± --- ± ---  
ANGULAR ±1/2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM  
DRAWN BY: NKUMAR01 21/08/09  
CHECKED BY: BWOODMAN 21/08/09  
APPROVED BY: JFMURPHY 2009/08/26

MATERIAL NO.  
SIZE C

SCALE  
2:1  
DESIGN UNITS  
INCH  
THIRD ANGLE PROJECTION  
TITLE  
MC 2P FR 12IN. 90D  
16/1 PVC  
MOLEX INCORPORATED  
SD-130013-074  
SHEET NO.  
2 OF 2

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