

# NOTES:

## 1) MATERIAL:

HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK  
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE: .012/ 0.30 THICK

## 2) FINISH:

### TERMINALS:

SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/ 1.27 MICROMETERS MIN.,  
\*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/ 2.54 MICROMETERS MIN.,  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/ 1.27 MICROMETERS MIN.  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS  
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD  
IN THE PC TAIL AREA.

## 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43223-001.

## 4) PACKAGING SPECIFICATION:

UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TRAYS PER MOLEX  
PACKAGING SPECIFICATION PK-43249-004.

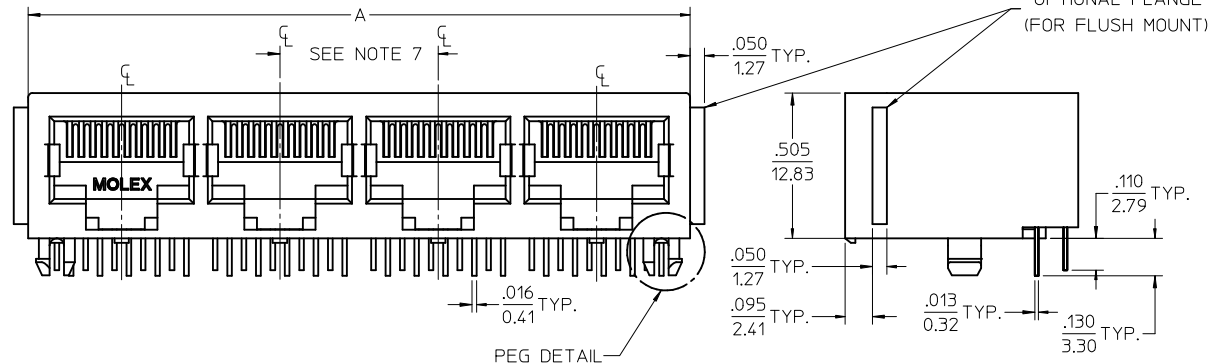
## 5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.

## 6) SEE SHEET 2 FOR THE SHIELDED JACK ASSEMBLY.

7) FOR 6 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS .448/ 11.38,  
FOR 8 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS .550/ 13.97.

## 8) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

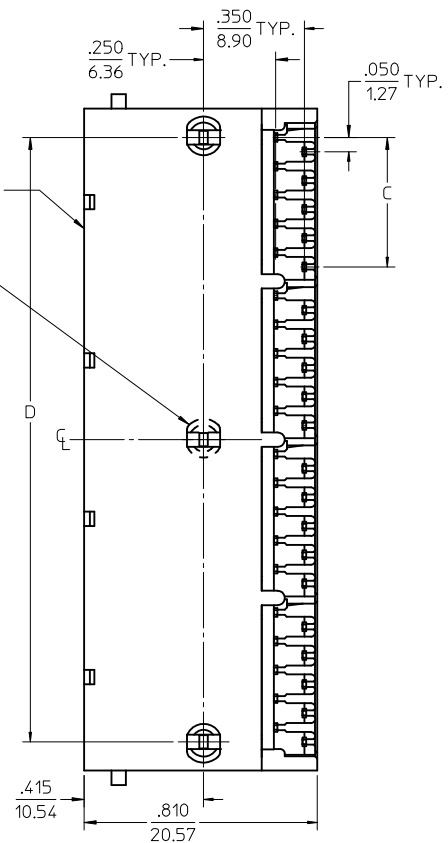
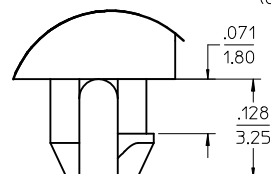
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



4 PORT 8 LOADED  
10 JACK SHOWN

UNSHIELDED GANGED JACK ASSEMBLY  
SEE SHEET 3

CENTER PEG  
(8 PORT ASSY. ONLY)



## 6 CIRCUIT HOUSING

| CIRCUIT SIZE | NO. OF PORTS | DIM. A           | DIM. C         | DIM. D           |
|--------------|--------------|------------------|----------------|------------------|
| 6            | 2            | .985<br>(25.02)  | .250<br>(6.35) | .848<br>(21.54)  |
| 4            | 2            | .985<br>(25.02)  | .150<br>(3.81) | .848<br>(21.54)  |
| 2            | 2            | .985<br>(25.02)  | .050<br>(1.27) | .848<br>(21.54)  |
| 6            | 3            | 1.433<br>(36.40) | .250<br>(6.35) | 1.296<br>(32.92) |
| 4            | 3            | 1.433<br>(36.40) | .150<br>(3.81) | 1.296<br>(32.92) |
| 2            | 3            | 1.433<br>(36.40) | .050<br>(1.27) | 1.296<br>(32.92) |
| 6            | 4            | 1.881<br>(47.78) | .250<br>(6.35) | 1.744<br>(44.30) |
| 4            | 4            | 1.881<br>(47.78) | .150<br>(3.81) | 1.744<br>(44.30) |
| 2            | 4            | 1.881<br>(47.78) | .050<br>(1.27) | 1.744<br>(44.30) |
| 6            | 5            | 2.329<br>(59.16) | .250<br>(6.35) | 2.192<br>(55.68) |
| 4            | 5            | 2.329<br>(59.16) | .150<br>(3.81) | 2.192<br>(55.68) |
| 2            | 5            | 2.329<br>(59.16) | .050<br>(1.27) | 2.192<br>(55.68) |
| 6            | 6            | 2.777<br>(70.54) | .250<br>(6.35) | 2.640<br>(67.06) |
| 4            | 6            | 2.777<br>(70.54) | .150<br>(3.81) | 2.640<br>(67.06) |
| 2            | 6            | 2.777<br>(70.54) | .050<br>(1.27) | 2.640<br>(67.06) |
| 6            | 8            | 3.673<br>(93.29) | .250<br>(6.35) | 3.536<br>(89.81) |
| 4            | 8            | 3.673<br>(93.29) | .150<br>(3.81) | 3.536<br>(89.81) |
| 2            | 8            | 3.673<br>(93.29) | .050<br>(1.27) | 3.536<br>(89.81) |

## 8 CIRCUIT HOUSING

| CIRCUIT SIZE | NO. OF PORTS | DIM. A            | DIM. C          | DIM. D            |
|--------------|--------------|-------------------|-----------------|-------------------|
| 10           | 2            | 1.200<br>(30.48)  | .450<br>(11.43) | 1.000<br>(25.40)  |
| 8            | 2            | 1.200<br>(30.48)  | .350<br>(8.89)  | 1.000<br>(25.40)  |
| 6            | 2            | 1.200<br>(30.48)  | .250<br>(6.35)  | 1.000<br>(25.40)  |
| 10           | 3            | 1.750<br>(44.45)  | .450<br>(11.43) | 1.550<br>(39.37)  |
| 8            | 3            | 1.750<br>(44.45)  | .350<br>(8.89)  | 1.550<br>(39.37)  |
| 6            | 3            | 1.750<br>(44.45)  | .250<br>(6.35)  | 1.550<br>(39.37)  |
| 4            | 3            | 1.750<br>(44.45)  | .150<br>(3.81)  | 1.550<br>(39.37)  |
| 10           | 4            | 2.300<br>(58.42)  | .450<br>(11.43) | 2.100<br>(53.34)  |
| 8            | 4            | 2.300<br>(58.42)  | .350<br>(8.89)  | 2.100<br>(53.34)  |
| 4            | 4            | 2.300<br>(58.42)  | .150<br>(3.81)  | 2.100<br>(53.34)  |
| 4            | 5            | 2.850<br>(72.39)  | .150<br>(3.81)  | 2.650<br>(67.31)  |
| 10           | 5            | 2.850<br>(72.39)  | .450<br>(11.43) | 2.650<br>(67.31)  |
| 8            | 5            | 2.850<br>(72.39)  | .350<br>(8.89)  | 2.650<br>(67.31)  |
| 10           | 6            | 3.400<br>(86.36)  | .450<br>(11.43) | 3.200<br>(81.28)  |
| 8            | 6            | 3.400<br>(86.36)  | .350<br>(8.89)  | 3.200<br>(81.28)  |
| 10           | 8            | 4.500<br>(114.30) | .450<br>(11.43) | 4.300<br>(109.22) |
| 8            | 8            | 4.500<br>(114.30) | .350<br>(8.89)  | 4.300<br>(109.22) |

ADD BLOCK TOL  
EC NO: UCP2009-0477  
DRWN: BELL 2008/09/05  
CHKD: BELL 2008/09/11  
APPR: FSMITH 2008/09/11

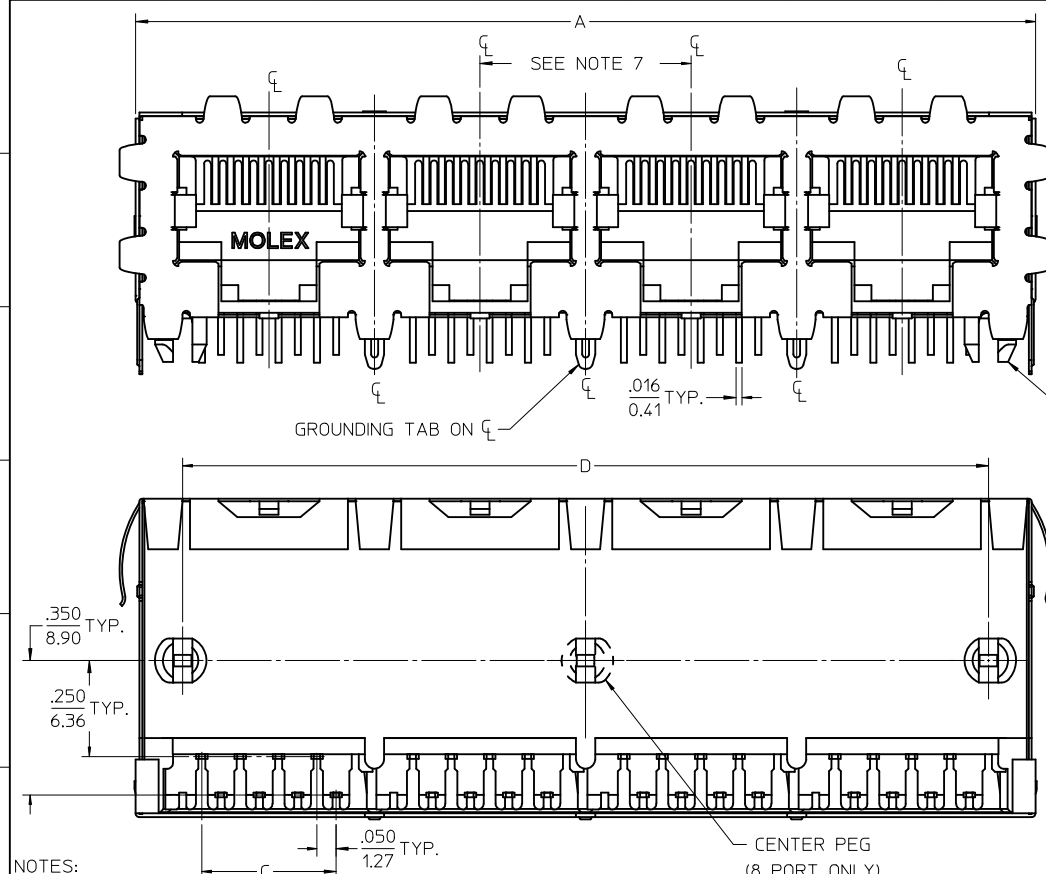
DESCRIPTION  
REV

QUALITY SYMBOLS  
▽=0  
▽=0

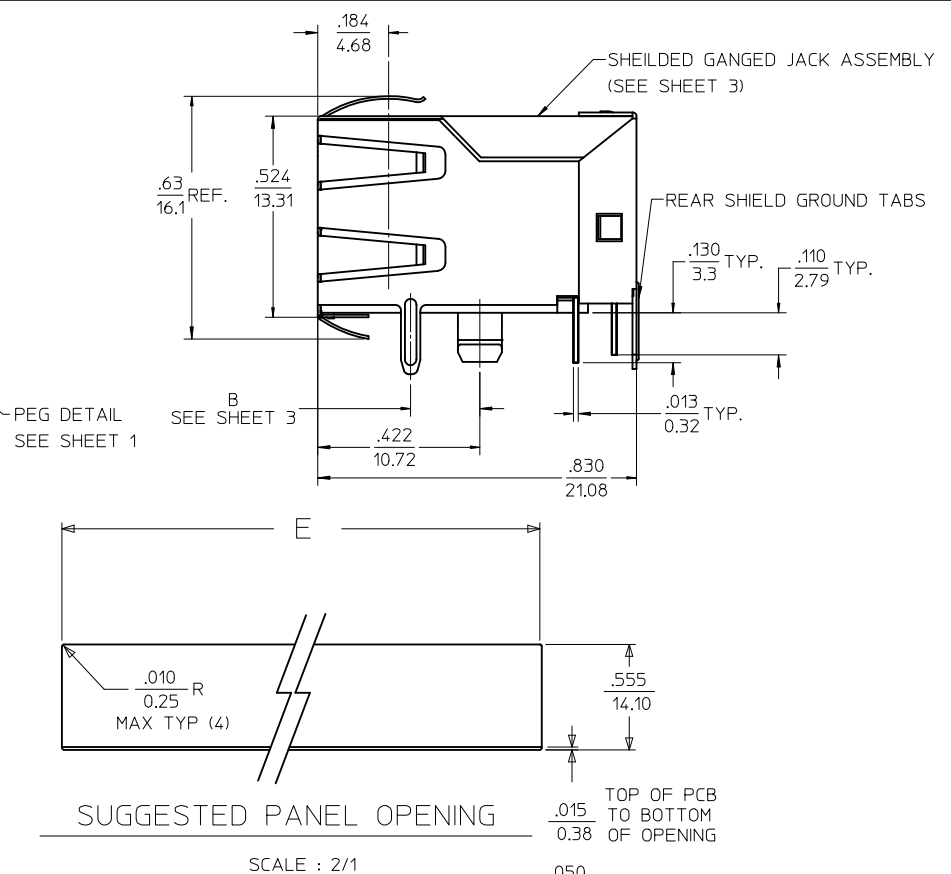
GENERAL TOLERANCES (UNLESS SPECIFIED)  
mm INCH  
4 PLACES ± --- ± ---  
3 PLACES ± --- ± .015  
2 PLACES ± 0.38 ± ---  
1 PLACE ± --- ± ---  
ANGULAR ± 1/2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM  
DRAWN BY DATE  
JTR 1993/10/18  
CHECKED BY DATE  
JTR 1993/10/18  
APPROVED BY DATE  
RAS 1993/10/18  
MATERIAL NO.  
SEE SHTS 3  
SIZE C

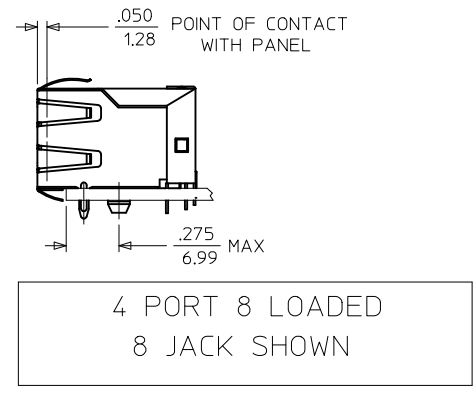
SCALE 3:1  
DESIGN UNITS INCH  
THIRD ANGLE PROJECTION  
TITLE  
LOW PROFILE GANGED,  
RIGHT ANGLE MODULAR JACK  
ASSEMBLY  
MOLEX INCORPORATED  
DOCUMENT NO.  
SDA-43223  
SHEET NO.  
1 OF 6  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



- NOTES:
- 1) MATERIAL:  
HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK  
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE: .012/ 0.30 THICK  
SHIELD: BRASS, FRONT .007/ 0.18 THICK, REAR .010/ 0.25 THICK
  - 2) FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/ 1.27 MICROMETERS MIN.,  
\*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/ 2.54 MICROMETERS MIN.,  
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/ 1.27 MICROMETERS MIN.  
SHIELD:  
\*100 MICROINCHES/ 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES/ 1.27 MICROMETERS COPPER UNDERPLATE. PCB GROUND TABS DIPPED IN TIN  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD IN THE PC TAIL AND/OR SHIELD.
  - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43223-001.
  - 4) PACKAGING SPECIFICATION:  
SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44150-004.
  - 5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.
  - 6) REAR SHIELD IS AVAILABLE WITH (1) CENTERED GROUND TAB ON 4 & 8 PORT VERSIONS.
  - 7) 8 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS .550/ 13.97.
  - 8) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

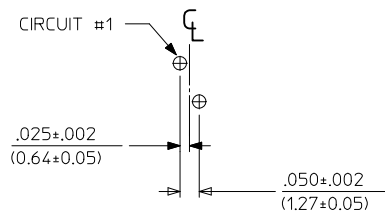


| HOUSING SIZE | CIRCUIT SIZE | NO. OF PORTS | DIM. A         | DIM. C      | DIM. D         | DIM. E         |
|--------------|--------------|--------------|----------------|-------------|----------------|----------------|
| 8            | 8            | 2            | 1.224 (31.09)  | .350 (8.89) | 1.000 (25.40)  | 1.255 (31.88)  |
| 8            | 8            | 4            | 2.324 (59.03)  | .350 (8.89) | 2.100 (53.34)  | 2.355 (59.82)  |
| 8            | 8            | 6            | 3.424 (86.97)  | .350 (8.89) | 3.200 (81.28)  | 3.455 (87.76)  |
| 8            | 8            | 8            | 4.524 (114.91) | .350 (8.89) | 4.300 (109.22) | 4.555 (115.97) |
| 8            | 2            | 8            | 4.524 (114.91) | .050 (1.27) | 4.300 (109.22) | 4.555 (115.97) |

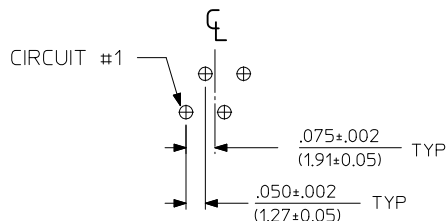


|                                                                                                                                           |                               |                                                      |                       |                                                                                                                               |                     |                                          |                                         |                                                                |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------|-----------------------------------------|----------------------------------------------------------------|--|--|
| <b>SEE SHEET 1</b><br>EC NO: UCP2009-0477<br>DRWN:JBELL 2008/09/05<br>CHKD:JBELL 2008/09/11<br>APPR:FSMITH 2008/09/11<br>REV<br><b>K1</b> | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH     |                       | DIMENSION STYLE<br>IN/MM                                                                                                      |                     | SCALE<br>4:1                             | DESIGN UNITS<br>INCH                    | THIRD ANGLE PROJECTION                                         |  |  |
|                                                                                                                                           |                               | 4 PLACES ± --- ± ---                                 | 3 PLACES ± --- ± .015 | 2 PLACES ± 0.38 ± ---                                                                                                         | 1 PLACE ± --- ± --- | DRAWN BY<br>JTR<br>DATE<br>1993/10/18    | CHECKED BY<br>JTR<br>DATE<br>1993/10/18 | TITLE<br>LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY |  |  |
|                                                                                                                                           |                               | ANGULAR ±1/2°                                        |                       |                                                                                                                               |                     | APPROVED BY<br>RAS<br>DATE<br>1993/10/18 | MATERIAL NO.<br>SEE SHTS 3              |                                                                |  |  |
|                                                                                                                                           |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                       |                                                                                                                               |                     | MOLEX INCORPORATED<br>SDA-43223          |                                         |                                                                |  |  |
|                                                                                                                                           |                               |                                                      |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |                                          |                                         | SHEET NO.<br>2 OF 6                                            |  |  |

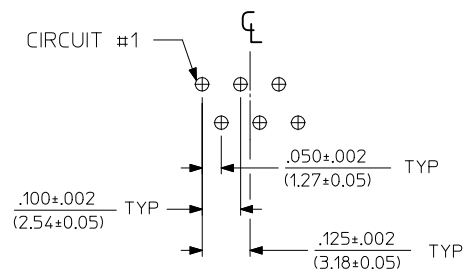
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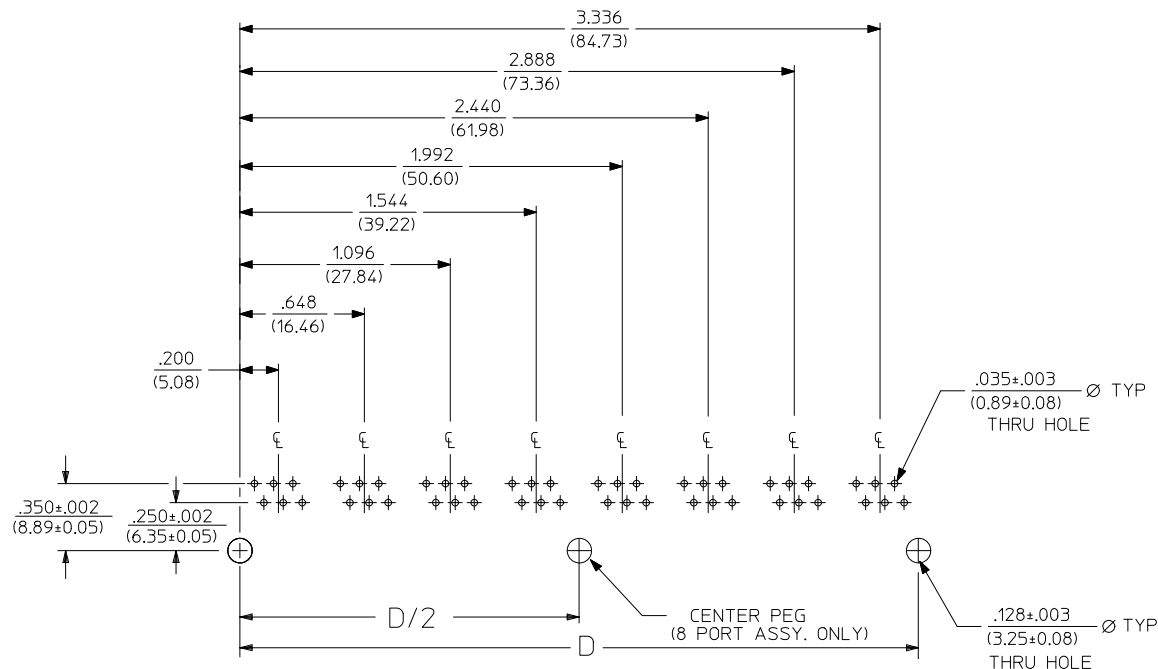
6 LOADED 2 DETAIL  
SCALE: 4/1



6 LOADED 4 DETAIL  
SCALE: 4/1



6 LOADED 6 DETAIL  
SCALE: 4/1



SUGGESTED P.C. BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
8 PORT, 6 LOADED 6, LAYOUT SHOWN  
(SNAP-FIT VERSIONS)

NOTES:  
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

| NUMBER OF PORTS | DIM. D           |
|-----------------|------------------|
| 2               | .848<br>(21.54)  |
| 3               | 1.296<br>(32.92) |
| 4               | 1.744<br>(44.30) |
| 5               | 2.192<br>(55.68) |
| 6               | 2.640<br>(67.06) |
| 8               | 3.536<br>(89.81) |

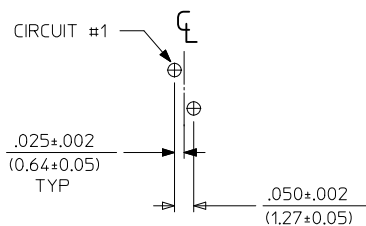
|             |                     |            |
|-------------|---------------------|------------|
| SEE SHEET 1 | EC NO: UCP2009-0477 | 2008/09/05 |
|             | DRWN:JBELL          | 2008/09/11 |
|             | CHKD:JBELL          | 2008/09/11 |
|             | APPR:FSMITH         | 2008/09/11 |
| K1          | REV                 |            |

| QUALITY SYMBOLS |
|-----------------|
| ▽=0             |
| ▽=0             |

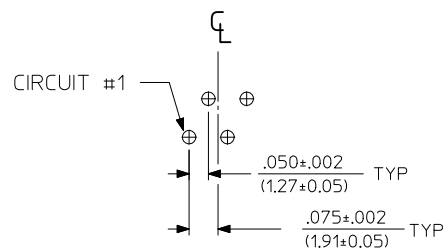
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        |        |
|------------------------------------------------------------|--------|--------|
|                                                            | mm     | INCH   |
| 4 PLACES                                                   | ± ---  | ± ---  |
| 3 PLACES                                                   | ± ---  | ± .015 |
| 2 PLACES                                                   | ± 0.38 | ± ---  |
| 1 PLACE                                                    | ± ---  | ± ---  |
| ANGULAR ±1/2°                                              |        |        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |        |

| DIMENSION STYLE | IN/MM      |
|-----------------|------------|
| DRAWN BY        | DATE       |
| JTR             | 1993/10/18 |
| CHECKED BY      | DATE       |
| JTR             | 1993/10/18 |
| APPROVED BY     | DATE       |
| RAS             | 1993/10/18 |
| MATERIAL NO.    |            |
| SEE SHT 3       |            |
| SIZE            | C          |

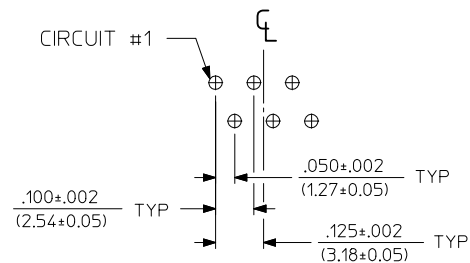
| SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| 2:1                                                                                                                           | INCH         |                        |
| TITLE                                                                                                                         |              |                        |
| LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY                                                                         |              |                        |
| MOLEX INCORPORATED                                                                                                            |              |                        |
| DOCUMENT NO.                                                                                                                  | SDA-43223    | SHEET NO. 4 OF 6       |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |



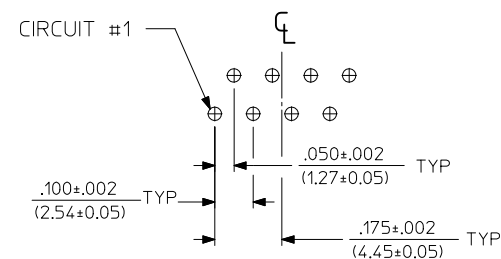
8 LOADED 2 DETAIL  
SCALE: 4/1



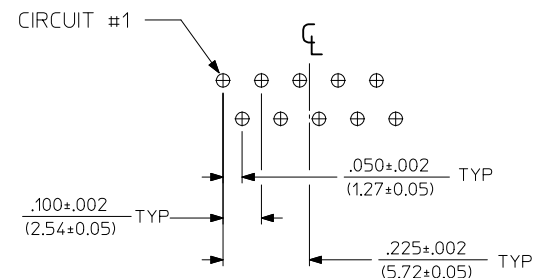
8 LOADED 4 DETAIL  
SCALE: 4/1



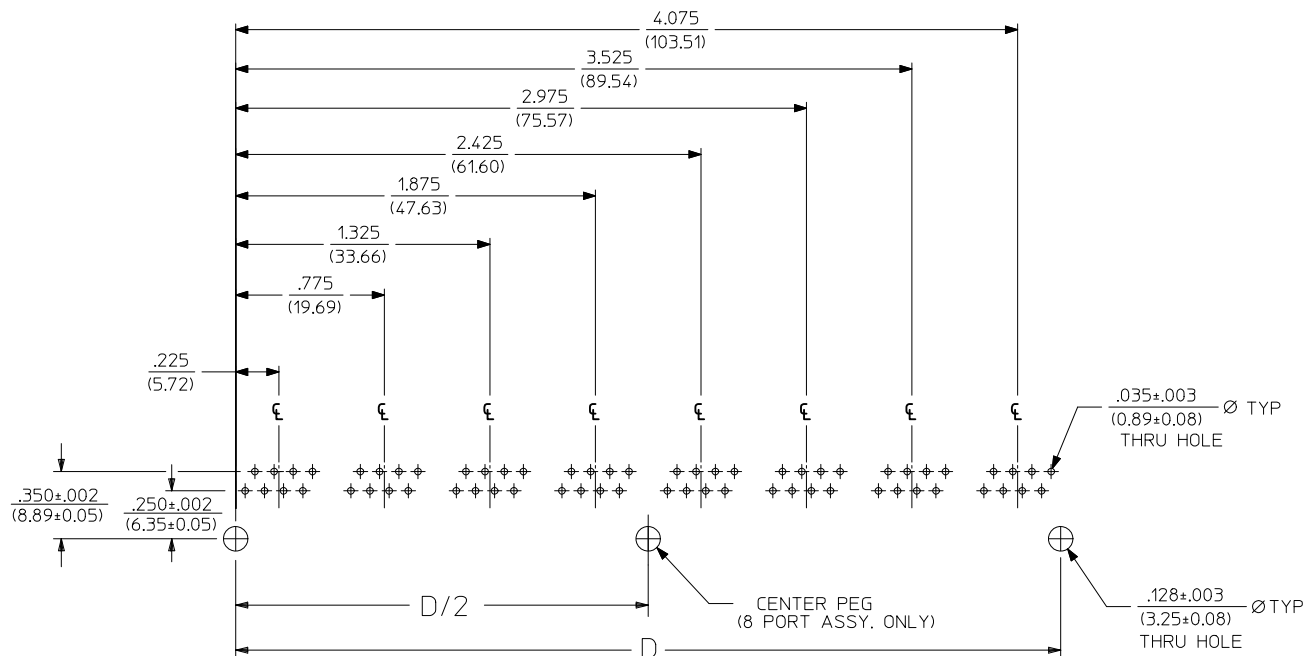
8 LOADED 6 DETAIL  
SCALE: 4/1



8 LOADED 8 DETAIL  
SCALE: 4/1



8 LOADED 10 DETAIL  
SCALE: 4/1



SUGGESTED P.C. BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
8 PORT, 8 LOADED 8  
(SNAP-FIT VERSIONS)

NOTES:  
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

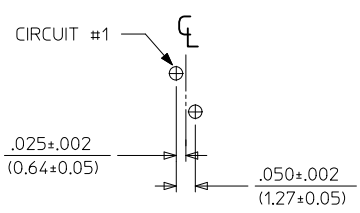
| NUMBER OF PORTS | DIM. D         |
|-----------------|----------------|
| 2               | 1.000 (25.40)  |
| 3               | 1.550 (39.37)  |
| 4               | 2.100 (53.34)  |
| 5               | 2.650 (67.31)  |
| 6               | 3.200 (81.28)  |
| 8               | 4.300 (109.32) |

|             |                     |             |                 |            |            |            |             |            |
|-------------|---------------------|-------------|-----------------|------------|------------|------------|-------------|------------|
| SEE SHEET 1 | EC NO: UCP2009-0477 | 2008/09/05  | DRWN:JBELL      | 2008/09/11 | CHKD:JBELL | 2008/09/11 | APPR:FSMITH | 2008/09/11 |
| K1          | REV                 | DESCRIPTION | QUALITY SYMBOLS | ▽=0        | ▽=0        |            |             |            |

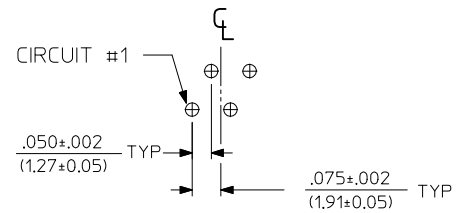
| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm     | INCH  |
|---------------------------------------|--------|-------|
| 4 PLACES ± ---                        | ± ---  | ± --- |
| 3 PLACES ± ---                        | ± .015 | ± --- |
| 2 PLACES ± 0.38                       | ± ---  | ± --- |
| 1 PLACE ± ---                         | ± ---  | ± --- |
| ANGULAR ± 1/2°                        |        |       |
| DRAFT WHERE APPLICABLE                |        |       |
| MUST REMAIN WITHIN DIMENSIONS         |        |       |

| DIMENSION STYLE | IN/MM      |
|-----------------|------------|
| DRAWN BY        | JTR        |
| DATE            | 1993/10/18 |
| CHECKED BY      | JTR        |
| DATE            | 1993/10/18 |
| APPROVED BY     | RAS        |
| DATE            | 1993/10/18 |
| MATERIAL NO.    | SEE SHT 3  |
| SIZE            | C          |

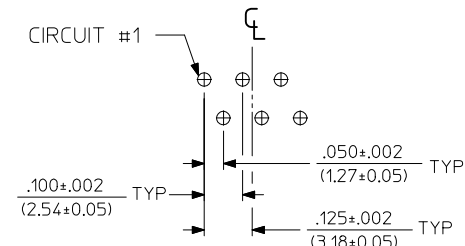
| SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| 2:1                                                                                                                           | INCH         | ☉                      |
| TITLE                                                                                                                         |              |                        |
| LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY                                                                         |              |                        |
| MOLEX INCORPORATED                                                                                                            |              |                        |
| DOCUMENT NO.                                                                                                                  | SDA-43223    | SHEET NO. 5 OF 6       |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |



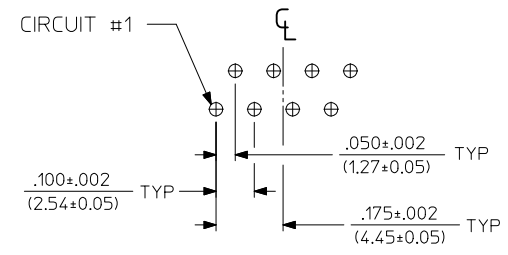
8 LOADED 2 DETAIL  
SCALE: 4/1



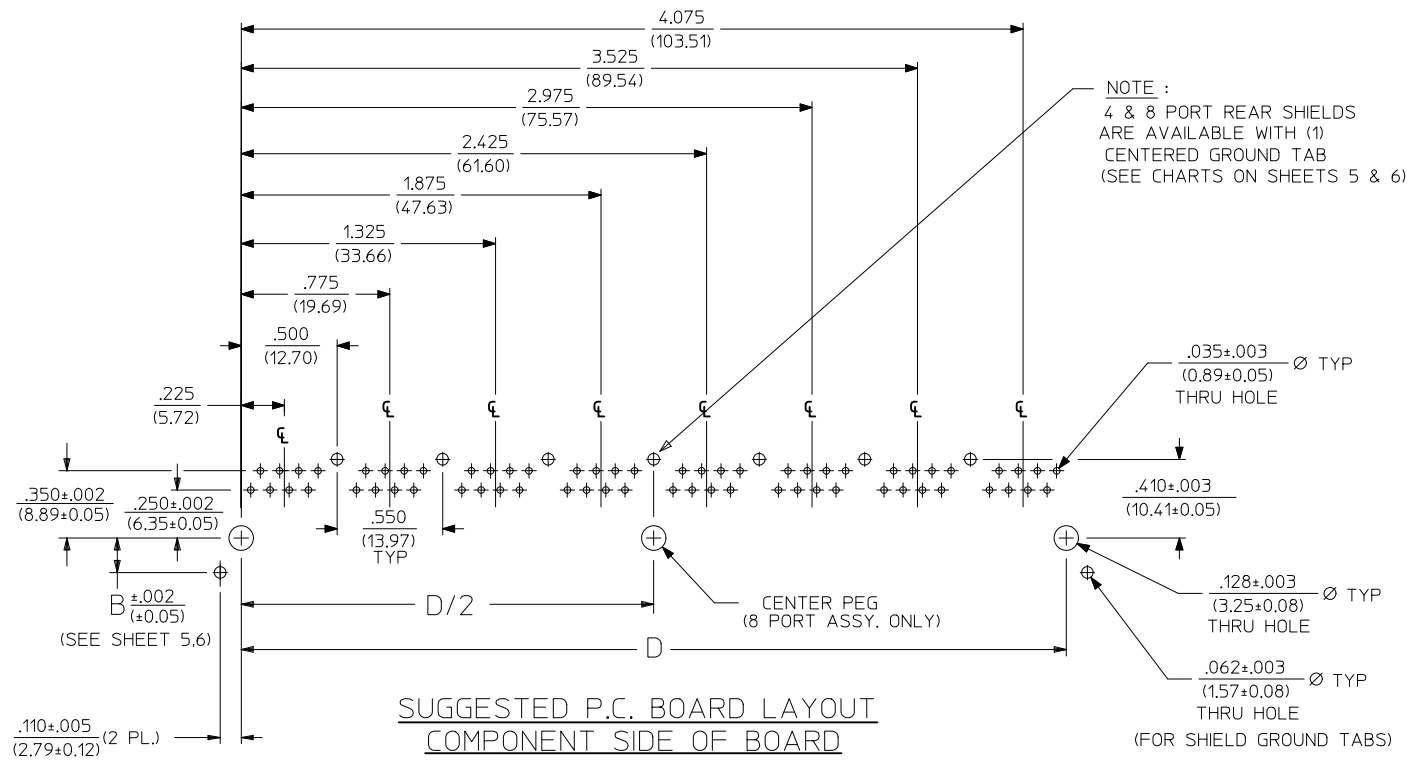
8 LOADED 4 DETAIL  
SCALE: 4/1



8 LOADED 6 DETAIL  
SCALE: 4/1



8 LOADED 8 DETAIL  
SCALE: 4/1



NOTE :  
4 & 8 PORT REAR SHIELDS  
ARE AVAILABLE WITH (1)  
CENTERED GROUND TAB  
(SEE CHARTS ON SHEETS 5 & 6)

SUGGESTED P.C. BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
8 PORT, 8 LOADED 8  
(SHIELDED) LAYOUT SHOWN  
(SNAP-FIT VERSIONS)

NOTES:  
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

| NUMBER OF PORTS | DIM. D            |
|-----------------|-------------------|
| 2               | 1.000<br>(25.40)  |
| 4               | 2.100<br>(53.34)  |
| 6               | 3.200<br>(81.28)  |
| 8               | 4.300<br>(109.32) |

| SEE SHEET 1<br>EC NO: UCP2009-0477<br>DRWN:JBELL<br>CHKD:JBELL<br>APPR:FSMITH<br>REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>±.015</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.38</td> <td>---</td> </tr> <tr> <td>1 PLACE ±</td> <td>---</td> <td>---</td> </tr> </table> ANGULAR ±1/2°<br><br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |      | mm    | INCH | 4 PLACES ± | --- | --- | 3 PLACES ± | --- | ±.015 | 2 PLACES ± | 0.38 | --- | 1 PLACE ± | --- | --- | DIMENSION STYLE<br><b>IN/MM</b><br>DRAWN BY DATE<br>JTR 1993/10/18<br>CHECKED BY DATE<br>JTR 1993/10/18<br>APPROVED BY DATE<br>RAS 1993/10/18<br>MATERIAL NO.<br><b>SEE SHT 3</b><br>SIZE C | SCALE<br><b>2:1</b><br>DESIGN UNITS<br><b>INCH</b><br>THIRD ANGLE PROJECTION | TITLE<br><b>LOW PROFILE GANGED,<br/>RIGHT ANGLE MODULAR JACK<br/>ASSEMBLY</b><br><b>MOLEX INCORPORATED</b><br>DOCUMENT NO.<br><b>SDA-43223</b><br>SHEET NO.<br><b>6 OF 6</b> |
|--------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|------------|-----|-----|------------|-----|-------|------------|------|-----|-----------|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           | mm   | INCH  |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
|                                                                                      | 4 PLACES ±      |                                                                                                                                                                                                                                                                                                                                                                                                                                           | ---  | ---   |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
|                                                                                      | 3 PLACES ±      |                                                                                                                                                                                                                                                                                                                                                                                                                                           | ---  | ±.015 |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
|                                                                                      | 2 PLACES ±      |                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.38 | ---   |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
| 1 PLACE ±                                                                            | ---             | ---                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |       |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
| ▽=0<br>▽=0                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
|                                                                                      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
|                                                                                      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |
|                                                                                      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |       |      |            |     |     |            |     |       |            |      |     |           |     |     |                                                                                                                                                                                             |                                                                              |                                                                                                                                                                              |