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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0432238022

Status:

Active

Overview:

modular\_plugs\_jacks

Description:

Modular Jack, Right Angle, Low Profile, 8/8, 2 Ports

Documents:

3D Model

Drawing (PDF)

Product Specification PS-43223-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

43223

Comments

Flush Mount|Flangeless|External Shield

Component Type

PCB Jack

Magnetic

No

Overview

modular\_plugs\_jacks

Performance Category

3, 4

Power over Ethernet (PoE)

N/A

Product Name

RJ45

Physical

Boot Color

N/A

Color - Resin

Black

Durability (mating cycles max)

500

Flammability

94V-0

Inverted / Top Latch

No

Lightpipes/LEDs

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Orientation

Right Angle (Side Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.062 In

PCB Thickness Recommended (mm)

1.57 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.040 In

Pitch - Mating Interface (mm)

1.02 mm

Pitch - Term. Interface (in)

0.050 In

Pitch - Term. Interface (mm)

1.27 mm

Plating min: Mating (µin)

50

Plating min: Mating (µm)

1.25

Plating min: Termination (µin)

100

Plating min: Termination (µm)

2.5

Ports

2

Positions / Loaded Contacts

8/8

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A

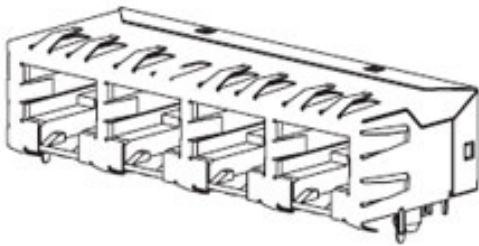


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

43223Series

Mates With

FCC 68 Plugs

Electrical

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.5A          |
| Shielded                      | No            |
| Voltage - Maximum             | 150V AC (RMS) |

Solder Process Data

|                              |                        |
|------------------------------|------------------------|
| Lead-free Process Capability | Wave Capable (TH only) |
|------------------------------|------------------------|

Material Info

|                 |            |
|-----------------|------------|
| Old Part Number | A432238022 |
|-----------------|------------|

Reference - Drawing Numbers

|                         |              |
|-------------------------|--------------|
| Packaging Specification | PK-43249-004 |
| Product Specification   | PS-43223-001 |
| Sales Drawing           | SDA-43223    |
| Test Summary            | TS-43223-001 |

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PLEASE CHECK [WWW.MOLEX.COM](http://www.molex.com) FOR LATEST PART INFORMATION

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.

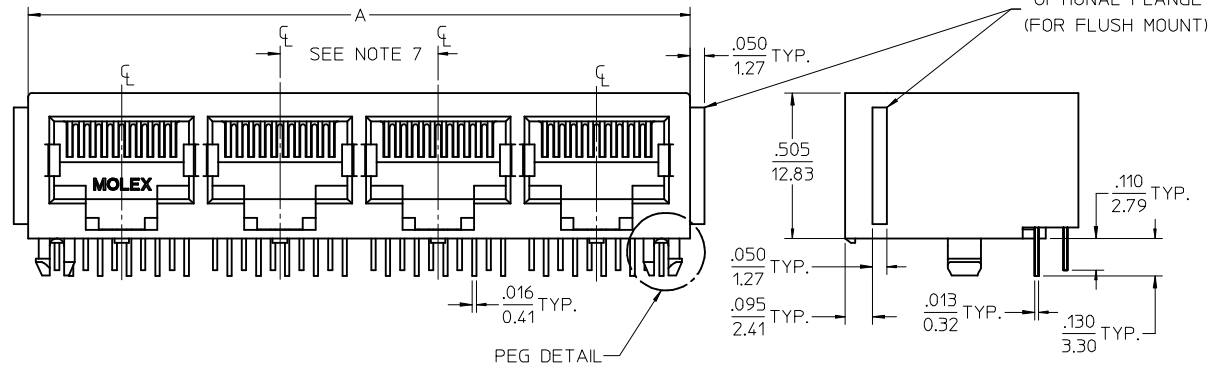
5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.

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.

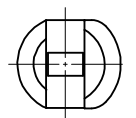
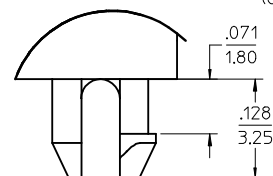
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.



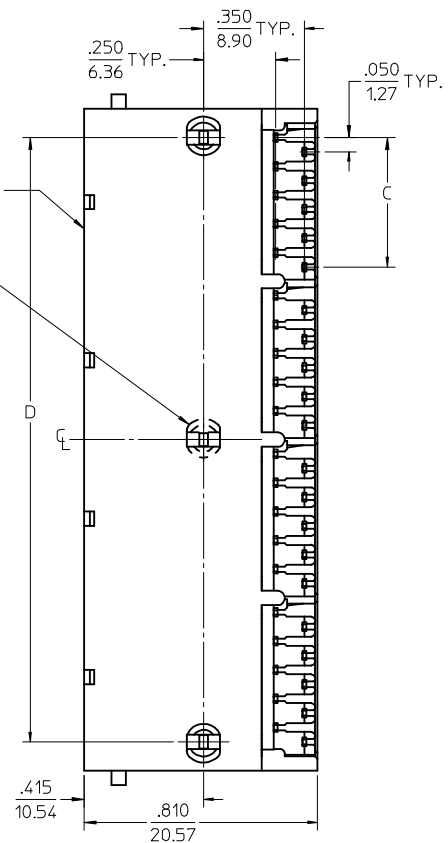
4 PORT 8 LOADED  
10 JACK SHOWN

UNSHIELDED GANGED JACK ASSEMBLY  
SEE SHEET 3

CENTER PEG  
(8 PORT ASSY. ONLY)



SNAP-FIT  
PEG DETAIL  
SCALE 8:1



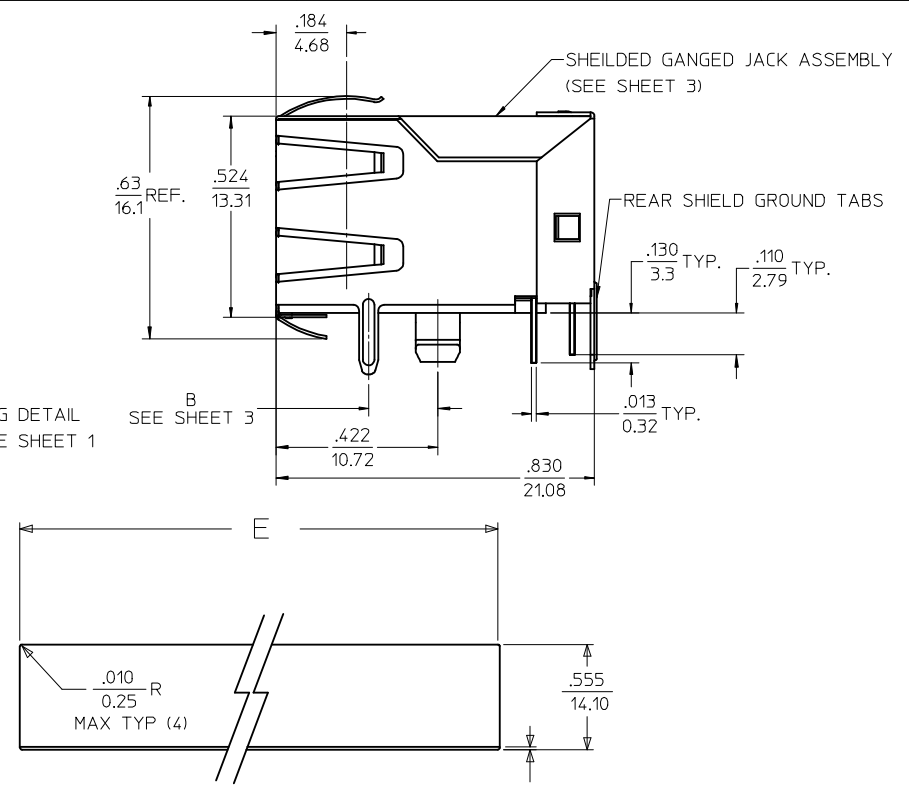
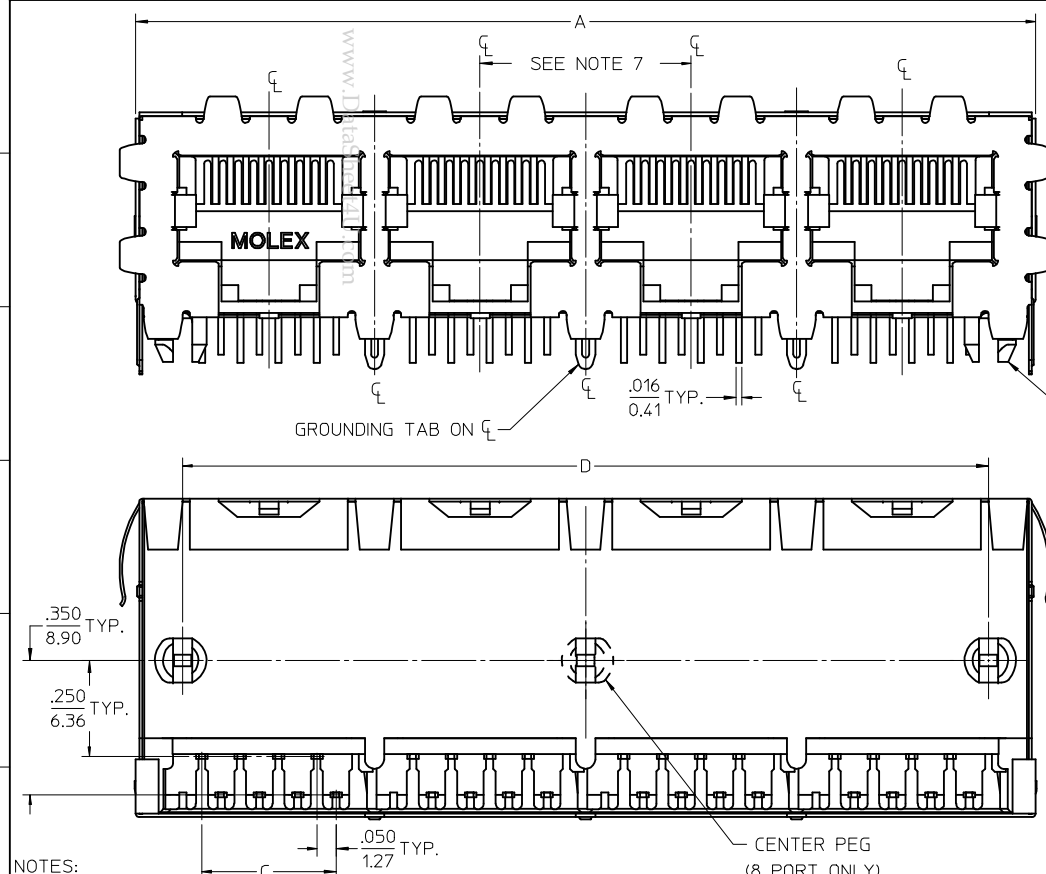
6 CIRCUIT HOUSING

| 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) |
| 8            | 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

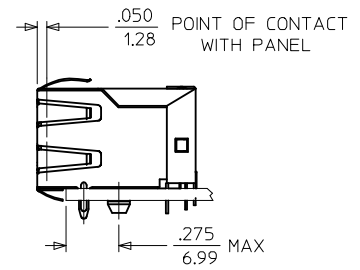
| CIRCUIT SIZE | NO. OF PORTS | DIM. A            | DIM. C          | DIM. D            |
|--------------|--------------|-------------------|-----------------|-------------------|
| 10           | 2            | 1.200<br>(30.48)  | .450<br>(11.43) | 1.000<br>(25.40)  |
| 8            | 2            | 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<br>EC NO: UCP2009-0477<br>K1 | 2008/09/05<br>DRWN:JBELL<br>2008/09/11<br>CHKD:JBELL<br>2008/09/11<br>APPR:FSMTH | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>IN/MM       |             | SCALE<br>3:1                  | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION | LOW PROFILE GANGED,<br>RIGHT ANGLE MODULAR JACK<br>ASSEMBLY<br><br>MOLEX INCORPORATED<br><br>SDA-43223<br><br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
|                                            |                                                                                  |             |                                       |                                                            | mm     | INCH                           |             |                               |                      |                        |                                                                                                                                                                                                                                             |
|                                            |                                                                                  |             |                                       | 4 PLACES                                                   | ± ---  | ± ---                          | DRAWN BY    | DATE                          | TITLE                |                        |                                                                                                                                                                                                                                             |
|                                            |                                                                                  |             |                                       | 3 PLACES                                                   | ± ---  | ± .015                         | CHECKED BY  | DATE                          |                      |                        |                                                                                                                                                                                                                                             |
|                                            |                                                                                  |             |                                       | 2 PLACES                                                   | ± 0.38 | ± ---                          | JTR         | 1993/10/18                    |                      |                        |                                                                                                                                                                                                                                             |
|                                            |                                                                                  |             |                                       | 1 PLACE                                                    | ± ---  | ± ---                          | APPROVED BY | DATE                          |                      |                        |                                                                                                                                                                                                                                             |
|                                            |                                                                                  |             |                                       | ANGULAR ±1/2°                                              |        |                                | RAS         | 1993/10/18                    |                      |                        |                                                                                                                                                                                                                                             |
|                                            |                                                                                  |             |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | MATERIAL NO.<br><br>SEE SHTS 3 |             | DOCUMENT NO.<br><br>SDA-43223 |                      | SHEET NO.<br>1 OF 6    |                                                                                                                                                                                                                                             |
|                                            |                                                                                  | REV         |                                       |                                                            |        | SIZE                           |             |                               |                      |                        |                                                                                                                                                                                                                                             |



SUGGESTED PANEL OPENING

SCALE : 2/1



4 PORT 8 LOADED  
8 JACK SHOWN

- NOTES:
- 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
  - 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.
  - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43223-001.
  - PACKAGING SPECIFICATION:  
SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44150-004.
  - SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.
  - REAR SHIELD IS AVAILABLE WITH (1) CENTERED GROUND TAB ON 4 & 8 PORT VERSIONS.
  - CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS .550/ 13.97.
  - UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

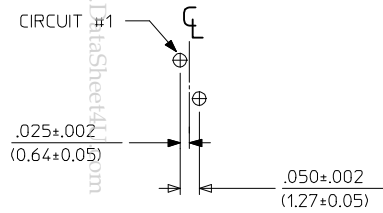
| HOUSING SIZE | CIRCUIT SIZE | NO. OF PORTS | DIM. A         | DIM. C      | DIM. D         | DIM. E         |
|--------------|--------------|--------------|----------------|-------------|----------------|----------------|
| 8            | 8            | 2            | 1.224 (31.09)  | .350 (8.89) | 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) |

| <p>SEE SHEET 1</p> <p>EC NO: UCP2009-0477</p> <p>DRWN:JBELL</p> <p>CHKD:JBELL</p> <p>APPR:FSM/TH</p> <p>REV</p> | <p>QUALITY SYMBOLS</p> <p>▽=0</p> <p>▽=0</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0015</td> </tr> <tr> <td>2 PLACES</td> <td>± .008</td> <td>± .002</td> </tr> <tr> <td>1 PLACE</td> <td>± .010</td> <td>± .003</td> </tr> </table> |        |                                                                           | mm | INCH                                 | 4 PLACES | ± .005                         | ± .0005 | 3 PLACES | ± .005 | ± .0015 | 2 PLACES | ± .008 | ± .002 | 1 PLACE | ± .010 | ± .003 | <p>DIMENSION STYLE</p> <p>IN/MM</p> |  | <p>SCALE</p> <p>4:1</p> | <p>DESIGN UNITS</p> <p>INCH</p> | <p>THIRD ANGLE PROJECTION</p> |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------|----|--------------------------------------|----------|--------------------------------|---------|----------|--------|---------|----------|--------|--------|---------|--------|--------|-------------------------------------|--|-------------------------|---------------------------------|-------------------------------|
|                                                                                                                 |                                              |                                                                                                                                                                                                                                                                                                                                                                              | mm     | INCH                                                                      |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
|                                                                                                                 |                                              | 4 PLACES                                                                                                                                                                                                                                                                                                                                                                     | ± .005 | ± .0005                                                                   |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
|                                                                                                                 |                                              | 3 PLACES                                                                                                                                                                                                                                                                                                                                                                     | ± .005 | ± .0015                                                                   |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
| 2 PLACES                                                                                                        | ± .008                                       | ± .002                                                                                                                                                                                                                                                                                                                                                                       |        |                                                                           |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
| 1 PLACE                                                                                                         | ± .010                                       | ± .003                                                                                                                                                                                                                                                                                                                                                                       |        |                                                                           |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
| <p>DRAWN BY</p> <p>JTR</p>                                                                                      |                                              | <p>DATE</p> <p>1993/10/18</p>                                                                                                                                                                                                                                                                                                                                                |        | <p>TITLE</p> <p>LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY</p> |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
| <p>CHECKED BY</p> <p>JTR</p>                                                                                    |                                              | <p>DATE</p> <p>1993/10/18</p>                                                                                                                                                                                                                                                                                                                                                |        | <p>MOLEX MOLEX INCORPORATED</p>                                           |    |                                      |          |                                |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |
| <p>APPROVED BY</p> <p>RAS</p>                                                                                   |                                              | <p>DATE</p> <p>1993/10/18</p>                                                                                                                                                                                                                                                                                                                                                |        | <p>MATERIAL NO.</p> <p>SEE SHTS 3</p>                                     |    | <p>DOCUMENT NO.</p> <p>SDA-43223</p> |          | <p>SHEET NO.</p> <p>2 OF 6</p> |         |          |        |         |          |        |        |         |        |        |                                     |  |                         |                                 |                               |

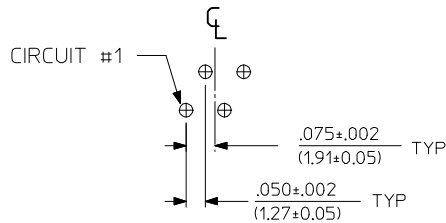
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

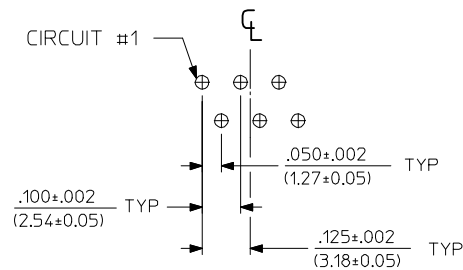
[illegible]



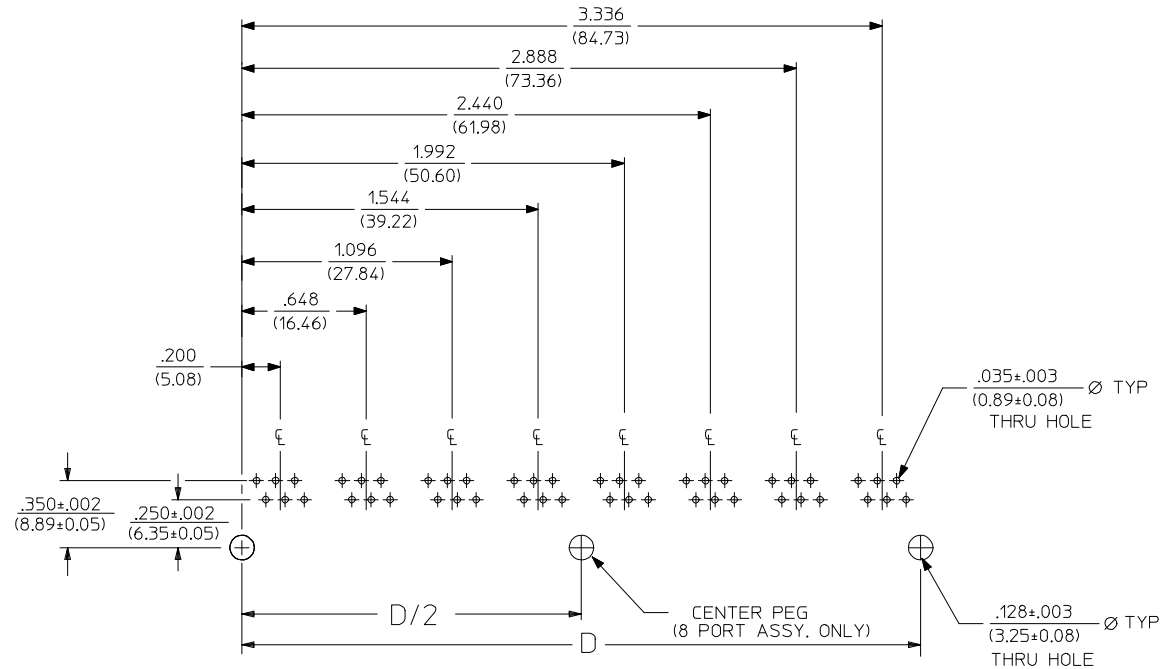
6 LOADED 2 DETAIL  
SCALE: 4/1



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        |
|-----------------|---------------|
| 8               | .848 (21.54)  |
| 7               | 1.296 (32.92) |
| 6               | 1.744 (44.30) |
| 5               | 2.192 (55.68) |
| 4               | 2.640 (67.06) |
| 3               | 3.536 (89.81) |

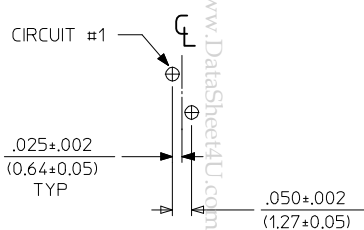
|             |                     |             |            |             |            |             |            |
|-------------|---------------------|-------------|------------|-------------|------------|-------------|------------|
| SEE SHEET 1 | EC NO: UCP2009-0477 | 2008/09/05  | DRWN:JBELL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

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

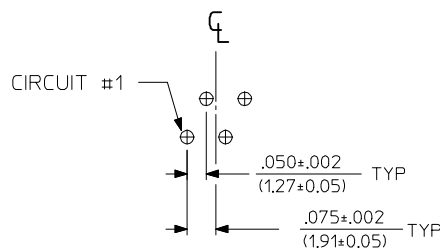
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |         |
|------------------------------------------------------|---------|
| mm                                                   | INCH    |
| 4 PLACES ± .005                                      | ± .0005 |
| 3 PLACES ± .005                                      | ± .0005 |
| 2 PLACES ± .005                                      | ± .0005 |
| 1 PLACE ± .005                                       | ± .0005 |
| 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.          | DOCUMENT NO. |
| SEE SHT 3             | SDA-43223    |
| SIZE                  | SHEET NO.    |
| C                     | 4 OF 6       |

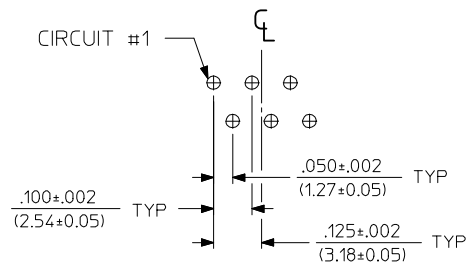
| SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |
|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| 2:1                                                                                                                           | INCH         | THIRD ANGLE PROJECTION |
| LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY                                                                         |              |                        |
| MOLEX INCORPORATED                                                                                                            |              |                        |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |



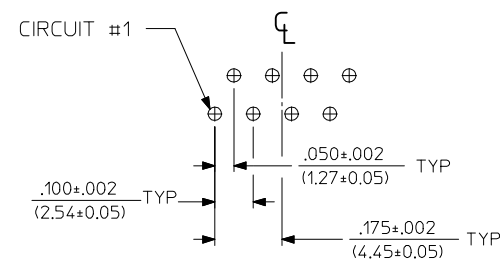
8 LOADED 2 DETAIL  
SCALE: 4/1



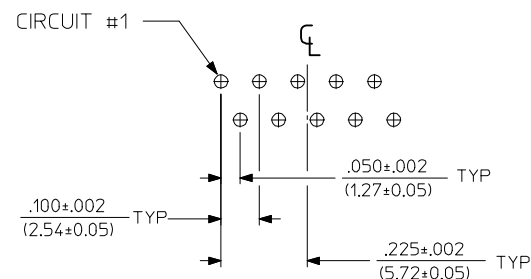
8 LOADED 4 DETAIL  
SCALE: 4/1



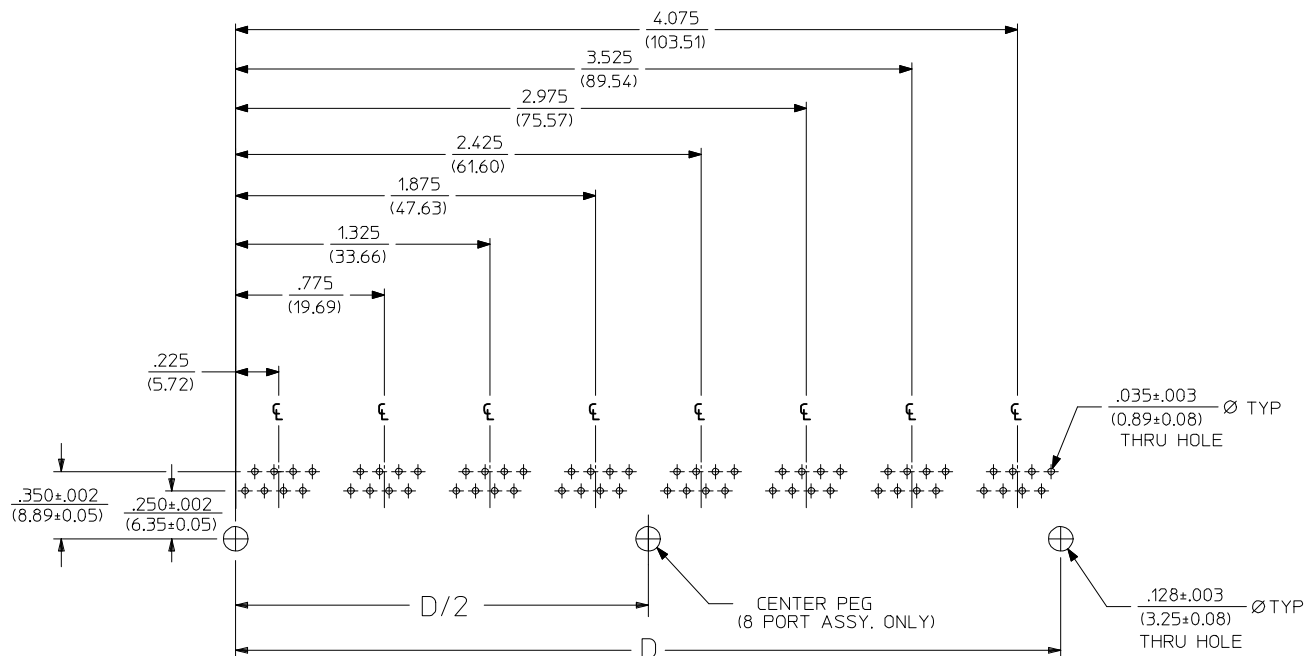
8 LOADED 6 DETAIL  
SCALE: 4/1



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   |
|-----------------|----------|
| 1,000           | (25.40)  |
| 1,550           | (39.37)  |
| 2,100           | (53.34)  |
| 2,650           | (67.31)  |
| 3,200           | (81.28)  |
| 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:FSM/TH | 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              | DATE                                                                                                                          |
| JTR                   | 1993/10/18                                                                                                                    |
| CHECKED BY            | DATE                                                                                                                          |
| JTR                   | 1993/10/18                                                                                                                    |
| APPROVED BY           | DATE                                                                                                                          |
| RAS                   | 1993/10/18                                                                                                                    |
| MATERIAL NO.          | DOCUMENT NO.                                                                                                                  |
| SEE SHT 3             | SDA-43223                                                                                                                     |
| SIZE                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
| C                     |                                                                                                                               |

| SCALE 2:1                                             | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
|-------------------------------------------------------|-------------------|------------------------|
| TITLE                                                 |                   |                        |
| LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY |                   |                        |
| MOLEX INCORPORATED                                    |                   |                        |
| SHEET NO. 5 OF 6                                      |                   |                        |

