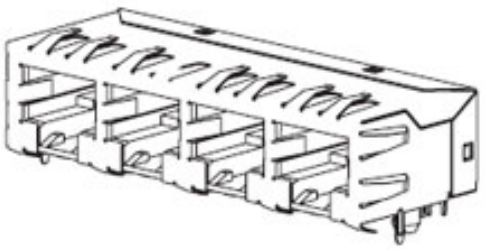
This document was generated on 06/07/2010

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0432238040
**Status:** Active
**Overview:** modular_plugs_jacks
**Description:** Modular Jack, Right Angle, Low Profile, 8/8, 8 Ports



*Series image - Reference only*

**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 | 8 |
| 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 |

**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
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

| | |
|---|---|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 260 |

## Material Info

| | |
|---|---|
| Old Part Number | A432238040 |

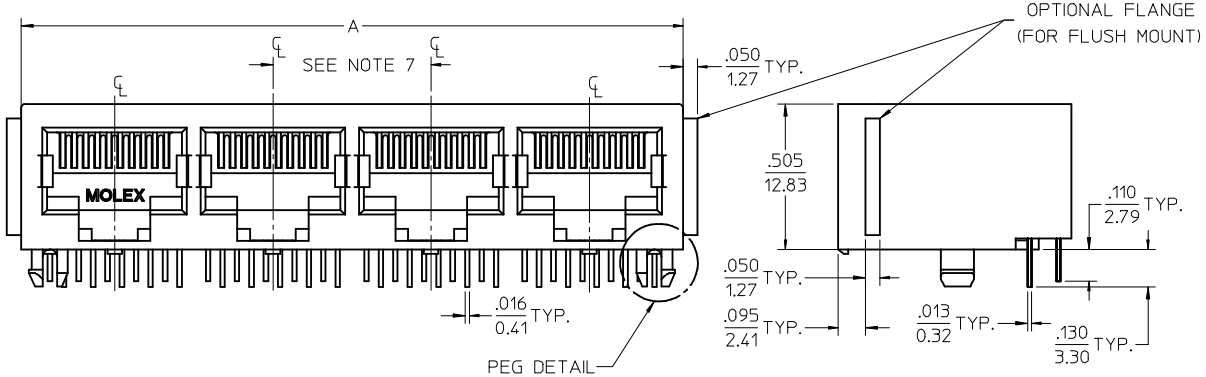
## Reference - Drawing Numbers

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

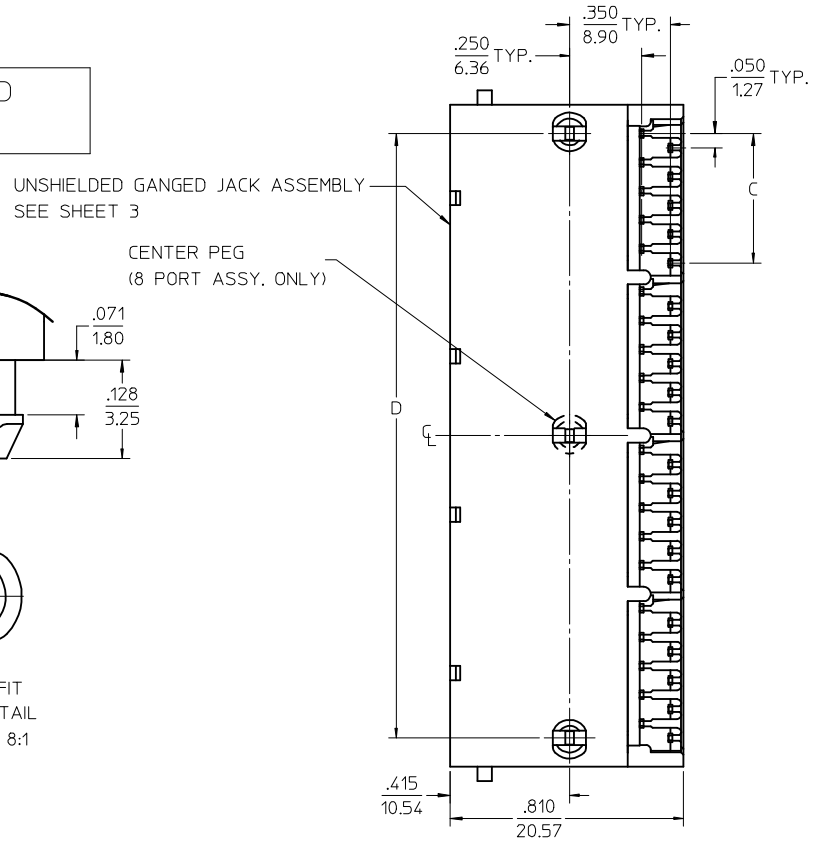
This document was generated on 06/07/2010

**PLEASE CHECK 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.

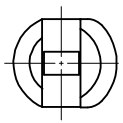



4 PORT 8 LOADED
10 JACK SHOWN









SNAP-FIT
PEG DETAIL
SCALE 8:1

## 6 CIRCUIT HOUSING

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

## 8 CIRCUIT HOUSING

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

ADD BLOCK TOL
EC NO: UCP2009-0477 2008/09/05
DRWN: JBELL 2008/09/11
CH'KD: JBELL 2008/09/11
APPR: FSMITH 2008/09/11
DESCRIPTION
K1
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° | | |

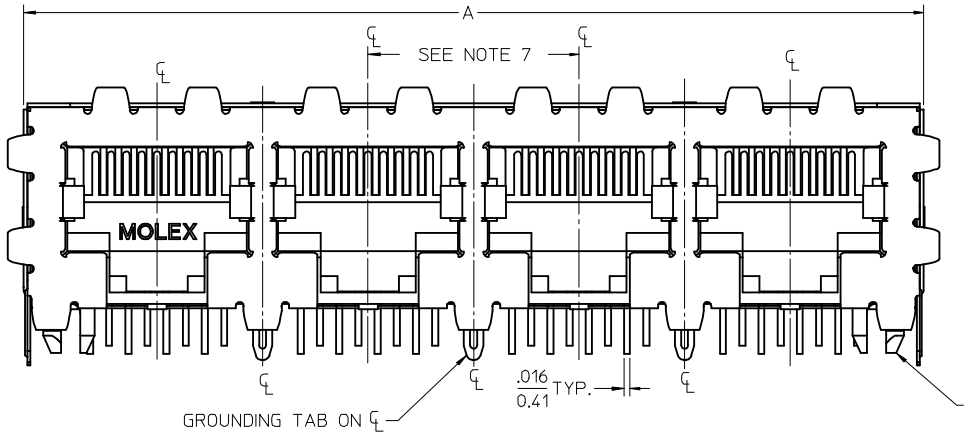
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

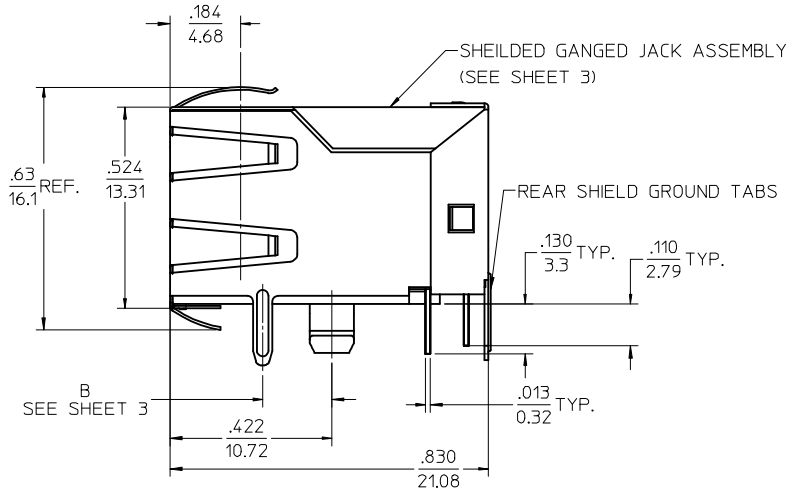
DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

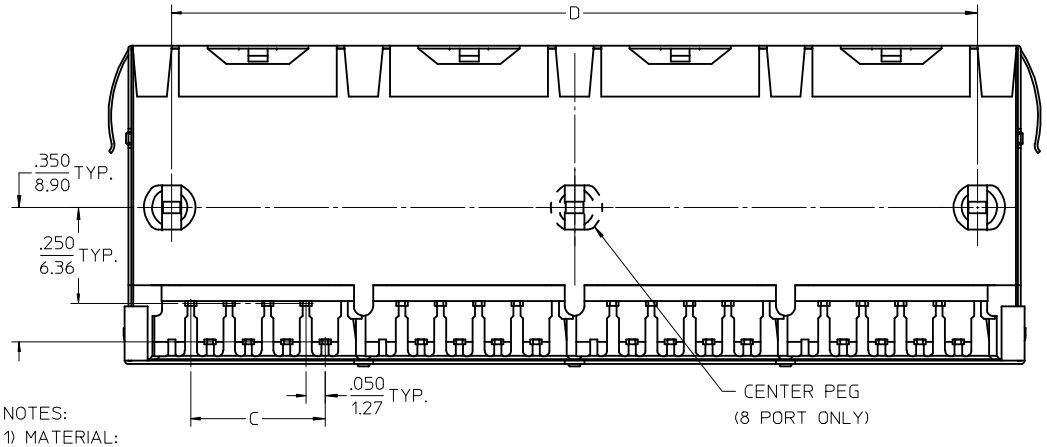
| | | |
|---|---|---|
| DRAWN BY | JTR | DATE 1993/10/18 |
| CHECKED BY | JTR | DATE 1993/10/18 |
| APPROVED BY | RAS | DATE 1993/10/18 |

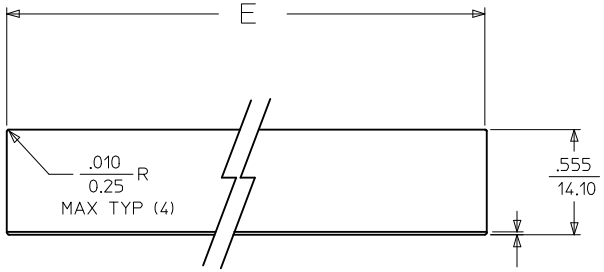
TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY
MOLEX INCORPORATED
MATERIAL NO.: SEE SHTS 3
DOCUMENT NO.: SDA-43223
SHEET NO.: 1 OF 6
SIZE: C

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



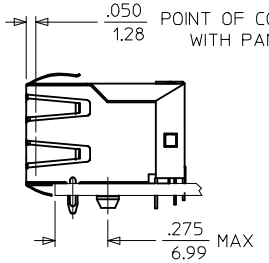




SUGGESTED PANEL OPENING

SCALE : 2/1




4 PORT 8 LOADED
8 JACK SHOWN

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) |

SEE SHEET 1
EC NO: UCP2009-0477 2008/09/05
DRWN: JBELL 2008/09/11
CH'KD: JBELL
APPR: FSMITH 2008/09/11
DESCRIPTION
K1
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
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | JTR | 1993/10/18 |
| CHECKED BY | JTR | 1993/10/18 |
| APPROVED BY | RAS | 1993/10/18 |

TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

molex MOLEX INCORPORATED

MATERIAL NO.: SEE SHTS 3
DOCUMENT NO.: SDA-43223
SHEET NO.: 2 OF 6

SIZE C

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

## FLUSH MOUNT (UNSHIELDED)

| ASSEMBLY NUMBER | CONNECTOR SIZE | NUMBER OF CIRCUITS | NUMBER OF PORTS | PACKAGING STYLE | PACKAGING SPECIFICATION |
|---|---|---|---|---|---|
| 43223-6001 | 6 | 6 | 2 | TRAY | PK-43249-004 |
| 43223-6004 | 6 | 6 | 3 | ↑ | ↑ |
| 43223-6007 | 6 | 6 | 4 | | |
| 43223-6010 | 6 | 6 | 5 | | |
| 43223-6013 | 6 | 6 | 6 | | |
| 43223-6019 | 6 | 6 | 8 | | |
| 43223-6022 | 6 | 4 | 2 | | |
| 43223-6025 | 6 | 4 | 3 | | |
| 43223-6028 | 6 | 4 | 4 | | |
| 43223-6031 | 6 | 4 | 5 | | |
| 43223-6034 | 6 | 4 | 6 | | |
| 43223-6040 | 6 | 4 | 8 | | |
| 43223-6043 | 6 | 2 | 2 | | |
| 43223-6046 | 6 | 2 | 3 | | |
| 43223-6049 | 6 | 2 | 4 | | |
| 43223-6052 | 6 | 2 | 5 | | |
| 43223-6055 | 6 | 2 | 6 | ↓ | ↓ |
| 43223-6058 | 6 | 2 | 8 | TRAY | PK-43249-004 |
| | | | | | |
| 43223-8001 | 8 | 10 | 2 | TRAY | PK-43249-004 |
| 43223-8004 | 8 | 10 | 3 | ↑ | ↑ |
| 43223-8007 | 8 | 10 | 4 | | |
| 43223-8010 | 8 | 10 | 5 | | |
| 43223-8013 | 8 | 10 | 6 | | |
| 43223-8019 | 8 | 10 | 8 | | |
| 43223-8022 | 8 | 8 | 2 | | |
| 43223-8025 | 8 | 8 | 3 | | |
| 43223-8028 | 8 | 8 | 4 | | |
| 43223-8031 | 8 | 8 | 5 | | |
| 43223-8034 | 8 | 8 | 6 | | |
| 43223-8040 | 8 | 8 | 8 | | |
| 43223-8041 | 8 | 4 | 5 | ↓ | ↓ |
| 43223-8042 | 8 | 6 | 3 | TRAY | PK-43249-004 |

## FLANGELESS (UNSHIELDED)

| ASSEMBLY NUMBER | CONNECTOR SIZE | NUMBER OF CIRCUITS | NUMBER OF PORTS | PACKAGING STYLE | PACKAGING SPECIFICATION |
|---|---|---|---|---|---|
| 43223-6101 | 6 | 6 | 2 | TRAY | PK-43249-004 |
| 43223-6104 | 6 | 6 | 3 | ↑ | ↑ |
| 43223-6107 | 6 | 6 | 4 | | |
| 43223-6110 | 6 | 6 | 5 | | |
| 43223-6113 | 6 | 6 | 6 | | |
| 43223-6119 | 6 | 6 | 8 | | |
| 43223-6122 | 6 | 4 | 2 | | |
| 43223-6125 | 6 | 4 | 3 | | |
| 43223-6128 | 6 | 4 | 4 | | |
| 43223-6131 | 6 | 4 | 5 | | |
| 43223-6134 | 6 | 4 | 6 | | |
| 43223-6140 | 6 | 4 | 8 | | |
| 43223-6143 | 6 | 2 | 2 | | |
| 43223-6146 | 6 | 2 | 3 | | |
| 43223-6149 | 6 | 2 | 4 | | |
| 43223-6152 | 6 | 2 | 5 | | |
| 43223-6155 | 6 | 2 | 6 | ↓ | ↓ |
| 43223-6158 | 6 | 2 | 8 | TRAY | PK-43249-004 |
| | | | | | |
| 43223-8101 | 8 | 10 | 2 | TRAY | PK-43249-004 |
| 43223-8104 | 8 | 10 | 3 | ↑ | ↑ |
| 43223-8107 | 8 | 10 | 4 | | |
| 43223-8110 | 8 | 10 | 5 | | |
| 43223-8113 | 8 | 10 | 6 | | |
| 43223-8119 | 8 | 10 | 8 | | |
| 43223-8122 | 8 | 8 | 2 | | |
| 43223-8131 | 8 | 8 | 3 | | |
| 43223-8140 | 8 | 8 | 4 | | |
| 43223-8149 | 8 | 8 | 5 | | |
| 43223-8158 | 8 | 8 | 6 | ↓ | ↓ |
| 43223-8176 | 8 | 8 | 8 | TRAY | PK-43249-004 |
| | | | | | |
| 43223-8191 | 8 | 6 | 2 | TUBE | PK-43249-005 |
| 43223-8192 | 8 | 4 | 4 | TUBE | PK-43249-005 |
| 43223-8193 | 8 | 4 | 3 | TUBE | PK-43249-005 |
| 43223-8195 | 8 | 8 | 2 | TUBE | PK-43249-005 |
| 43223-8196 | 8 | 8 | 3 | TUBE | PK-43249-005 |
| 43223-8197 | 8 | 8 | 4 | TUBE | PK-43249-005 |

## FLANGELESS (SHIELDED)

| ASSEMBLY NUMBER | DIMENSION "B" | CONNECTOR SIZE | NUMBER OF CIRCUITS | NUMBER OF PORTS | NUMBER OF REAR SHIELD GROUND TABS | PACKAGING STYLE | PACKAGING SPECIFICATION |
|---|---|---|---|---|---|---|---|
| 43223-8128 | .180 | 8 | 8 | 2 | 1 | TRAY | PK-44150-004 |
| 43223-8146 | .180 | 8 | 8 | 4 | 3 | ↑ | ↑ |
| 43223-8164 | .180 | 8 | 8 | 6 | 5 | | |
| 43223-8182 | .180 | 8 | 8 | 8 | 7 | | |
| 43223-8185 | .180 | 8 | 8 | 8 | 1 | | |
| 43223-8188 | .180 | 8 | 8 | 4 | 1 | ↓ | ↓ |
| 43223-8194 | .180 | 8 | 2 | 8 | 7 | TRAY | PK-44150-004 |
| | | | | | | | |
| 43223-8301 | .145 | 8 | 8 | 2 | 1 | TRAY | PK-44150-004 |
| 43223-8302 | .145 | 8 | 8 | 4 | 3 | ↑ | ↑ |
| 43223-8303 | .145 | 8 | 8 | 6 | 5 | | |
| 43223-8304 | .145 | 8 | 8 | 8 | 7 | | |
| 43223-8305 | .145 | 8 | 8 | 8 | 1 | | |
| 43223-8306 | .145 | 8 | 8 | 4 | 1 | ↓ | ↓ |
| 43223-8307 | .145 | 8 | 2 | 8 | 7 | TRAY | PK-44150-004 |

# SNAP FIT PEG VERSIONS

SEE SHEET 1
EC NO: UCP2009-0477 2008/09/05
DRWN: JBELL 2008/09/11
CH'KD: JBELL
APPR: FSMITH
DESCRIPTION
K1
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
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

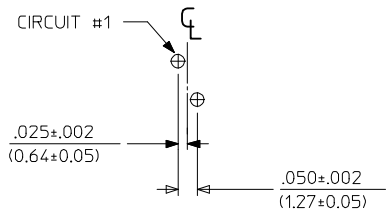
| | | DATE |
|---|---|---|
| DRAWN BY | JTR | 1993/10/18 |
| CHECKED BY | JTR | 1993/10/18 |
| APPROVED BY | RAS | 1993/10/18 |

TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

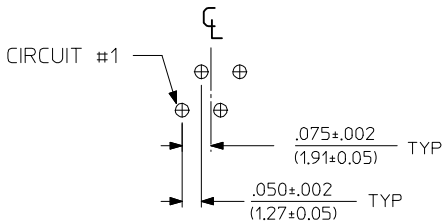
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-43223
SHEET NO.: 3 OF 6
SIZE: C

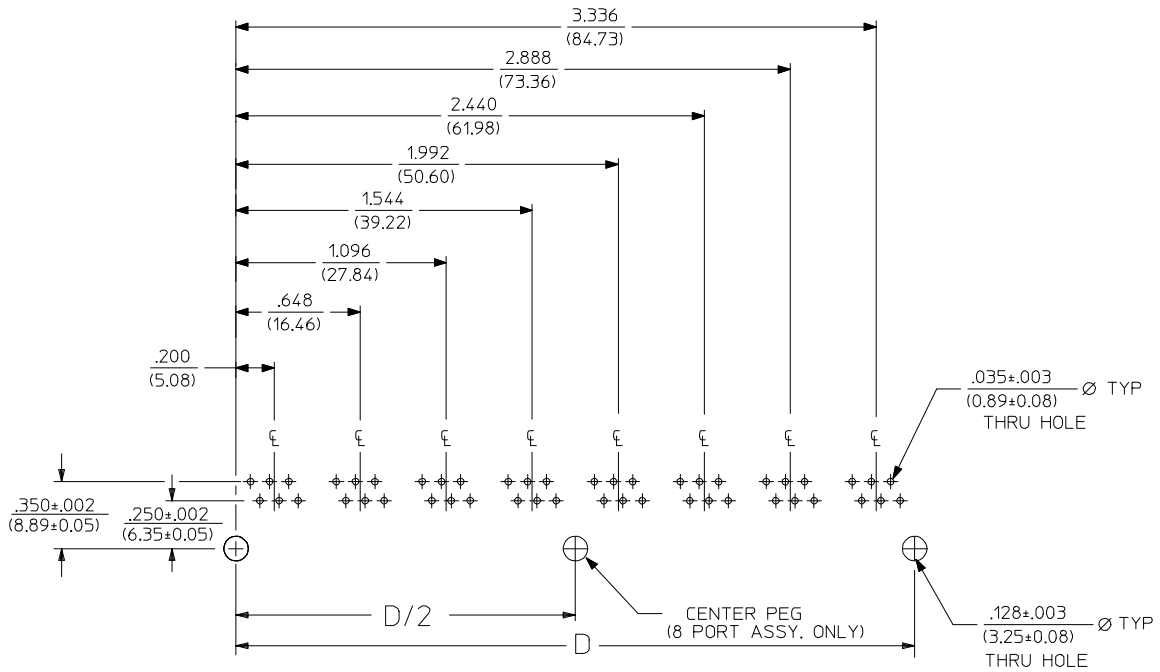
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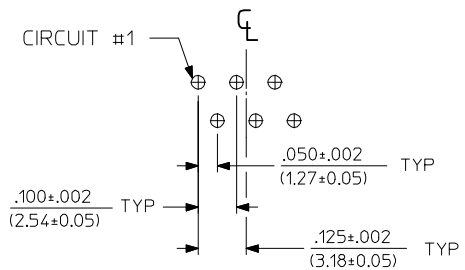

6 LOADED 2 DETAIL
SCALE: 4/1




6 LOADED 4 DETAIL
SCALE: 4/1




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




6 LOADED 6 DETAIL
SCALE: 4/1

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

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

SEE SHEET 1
EC NO: UCP2009-0477 2008/09/05
DRWN: JBELL 2008/09/11
CH'KD: JBELL
APPR: FSMITH
DESCRIPTION
K1
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
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

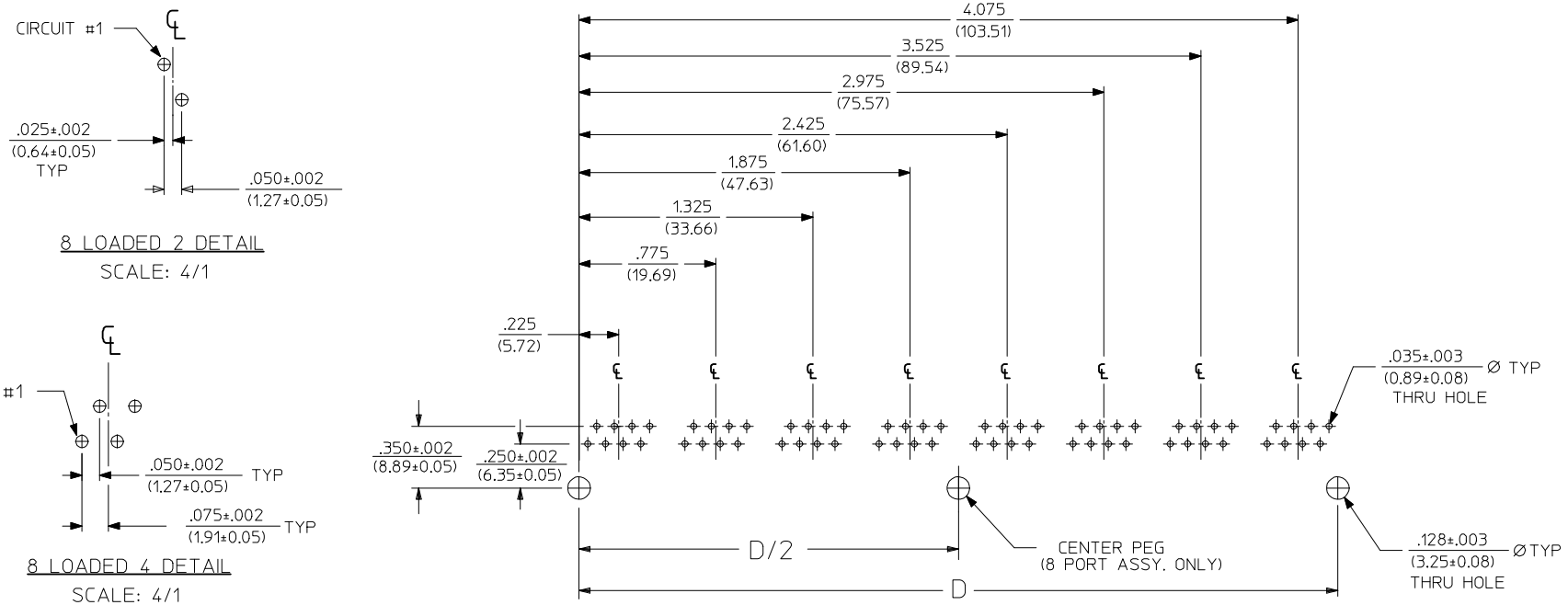
| | | |
|---|---|---|
| DRAWN BY | JTR | DATE 1993/10/18 |
| CHECKED BY | JTR | DATE 1993/10/18 |
| APPROVED BY | RAS | DATE 1993/10/18 |

TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

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MATERIAL NO.: SEE SHT 3
DOCUMENT NO.: SDA-43223
SHEET NO.: 4 OF 6
SIZE: C

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8 LOADED 2 DETAIL

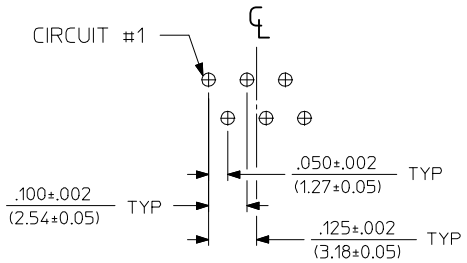
SCALE: 4/1




8 LOADED 4 DETAIL

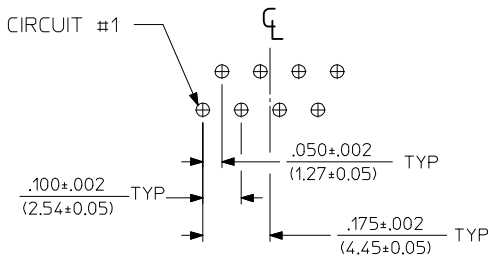
SCALE: 4/1

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



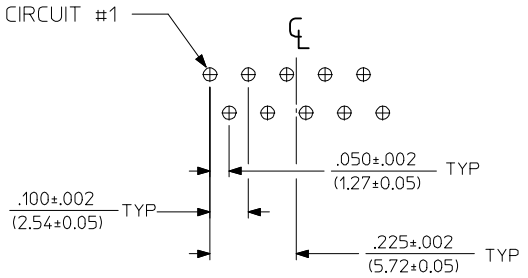

8 LOADED 6 DETAIL

SCALE: 4/1




8 LOADED 8 DETAIL

SCALE: 4/1




8 LOADED 10 DETAIL

SCALE: 4/1

| 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) |

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

SEE SHEET 1
EC NO: UCP2009-0477 2008/09/05
DRWN: JBELL 2008/09/11
CH'KD: JBELL
APPR: FSMITH
DESCRIPTION
K1
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
SCALE: 2:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | JTR | 1993/10/18 |
| CHECKED BY | JTR | 1993/10/18 |
| APPROVED BY | RAS | 1993/10/18 |

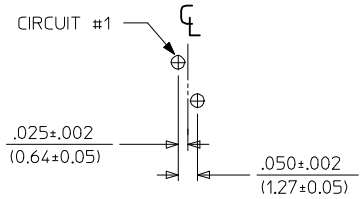
TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE SHT 3
DOCUMENT NO.: SDA-43223
SHEET NO.: 5 OF 6

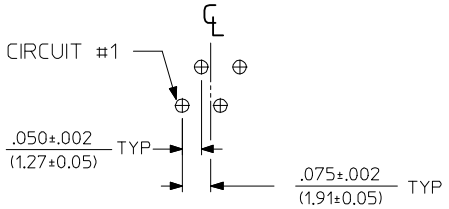
SIZE: C

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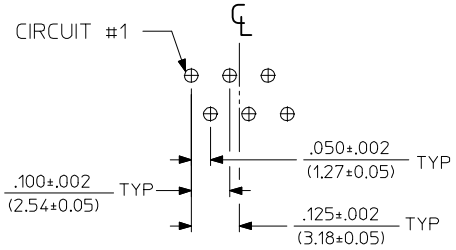

8 LOADED 2 DETAIL

SCALE: 4/1



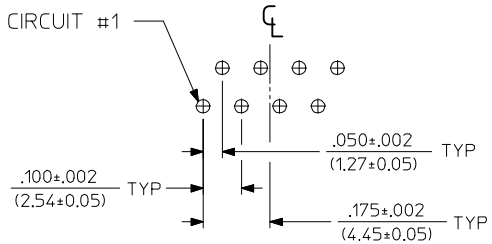

8 LOADED 4 DETAIL

SCALE: 4/1



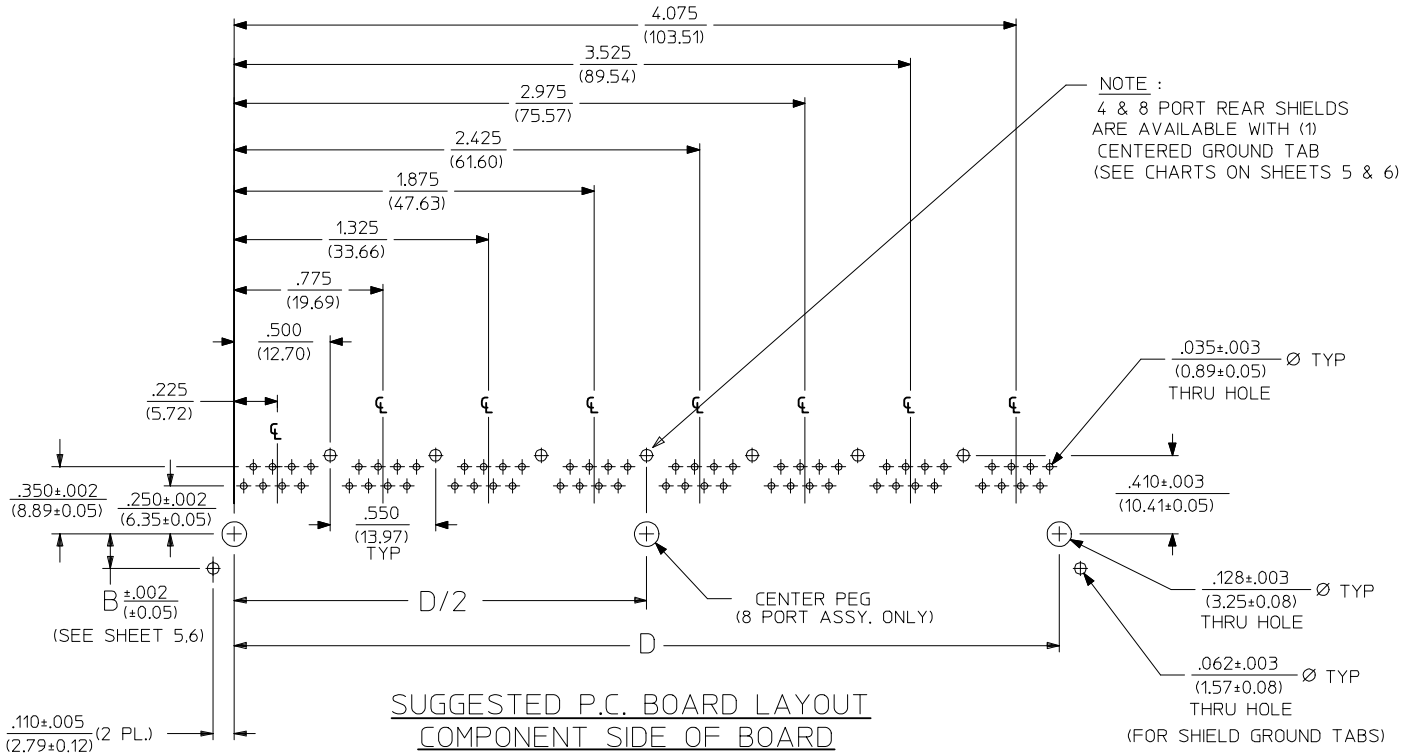

8 LOADED 6 DETAIL

SCALE: 4/1




8 LOADED 8 DETAIL

SCALE: 4/1




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 (25.40) |
| 4 | 2.100 (53.34) |
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SEE SHEET 1
EC NO: UCP2009-0477 2008/09/05
DRWN: JBELL 2008/09/11
CH'KD: JBELL
APPR: FSMITH
DESCRIPTION
K1
REV

QUALITY SYMBOLS
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| | 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 |
| SCALE | 2:1 |
| DESIGN UNITS | INCH |
| | THIRD ANGLE PROJECTION |
| 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 |
| DOCUMENT NO. | SDA-43223 |
| SHEET NO. | 6 OF 6 |
| SIZE | C |

TITLE
LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

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