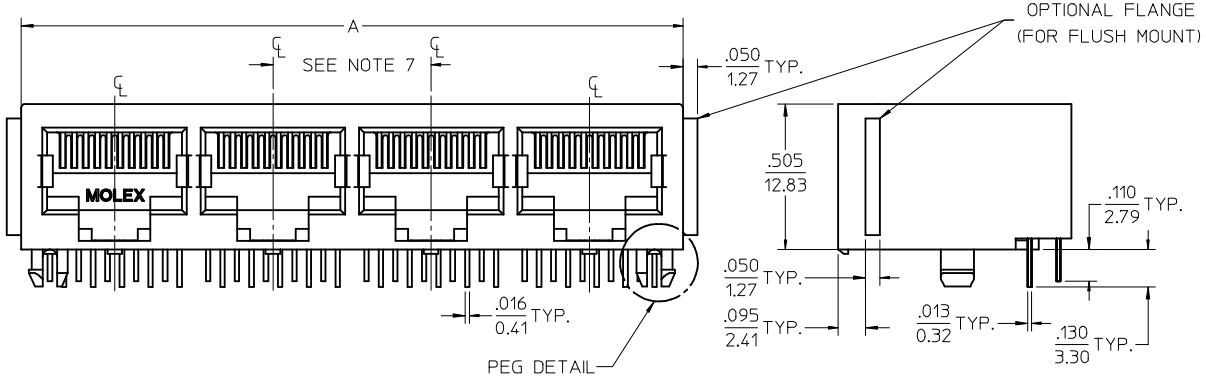
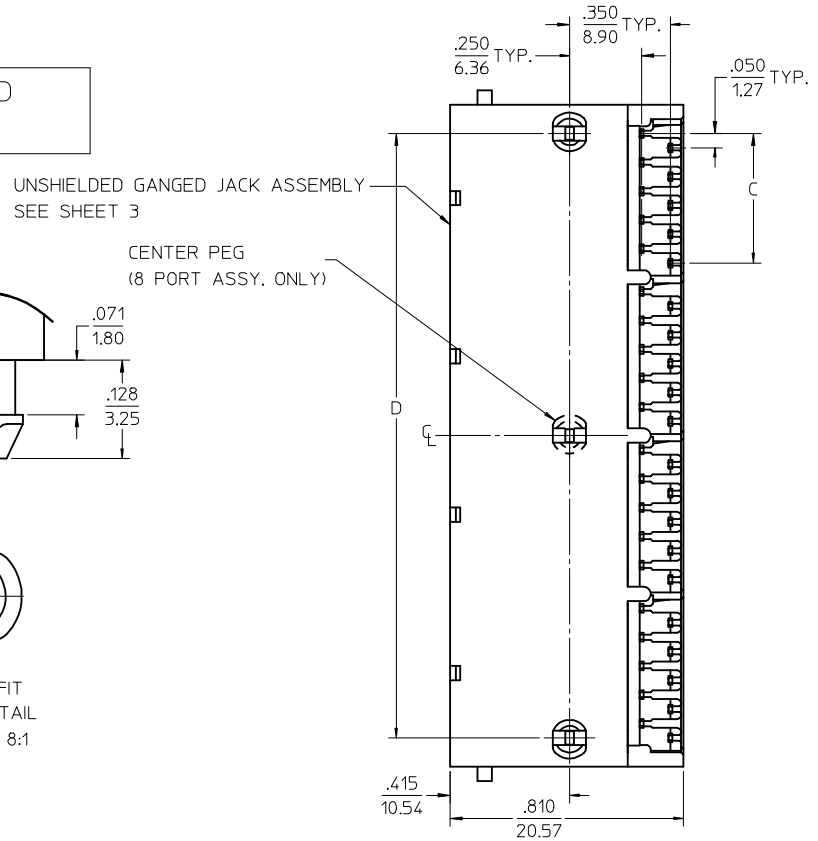
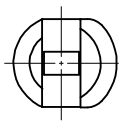
NOTES:
1) MATERIAL:
HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE: .012/ 0.30 THICK
2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/ 1.27 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/ 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°		

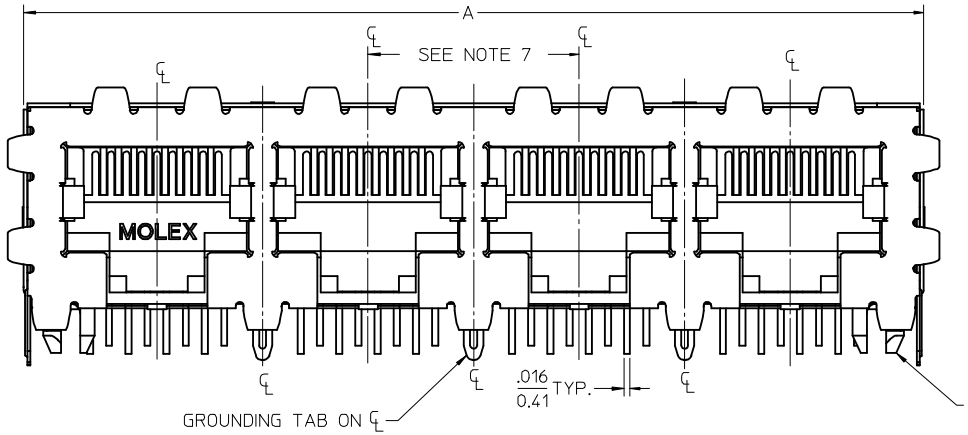
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

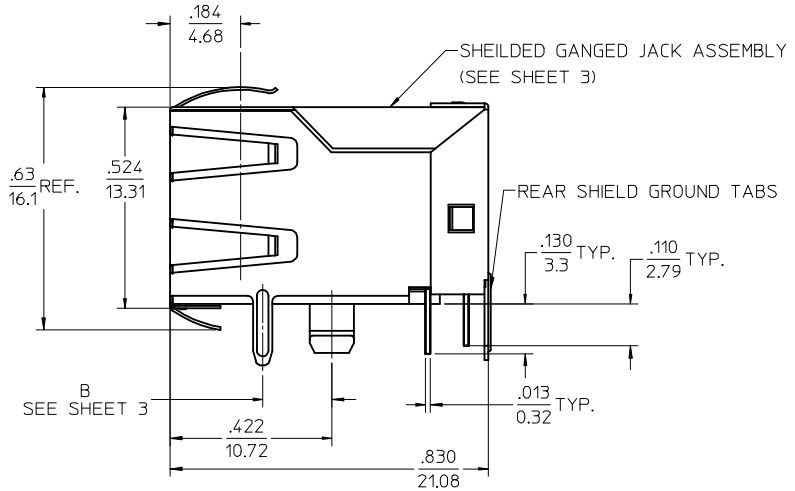
DIMENSION STYLE: IN/MM
SCALE: 3:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

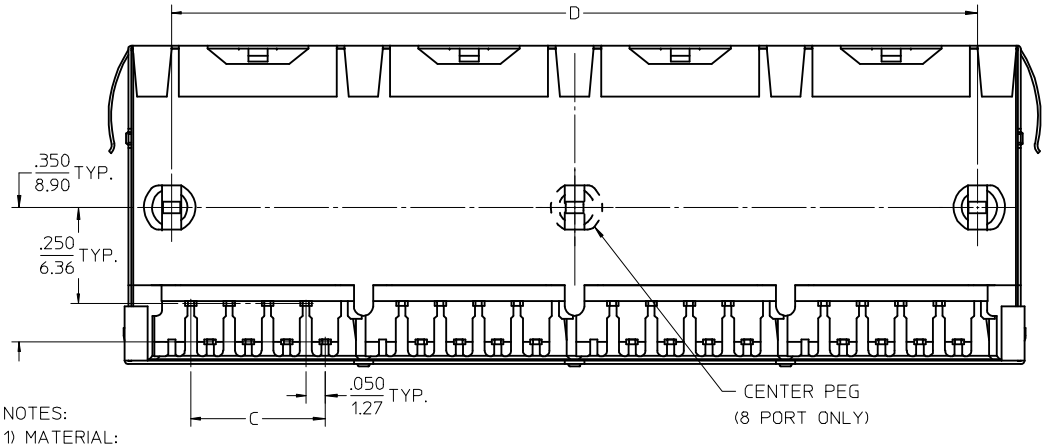
DRAWN BY	JTR	DATE 1993/10/18
CHECKED BY	JTR	DATE 1993/10/18
APPROVED BY	RAS	DATE 1993/10/18

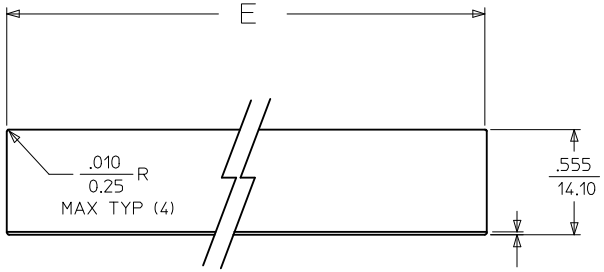
TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY
MOLEX INCORPORATED
MATERIAL NO.: SEE SHTS 3
DOCUMENT NO.: SDA-43223
SHEET NO.: 1 OF 6
SIZE: C

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



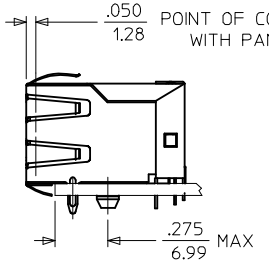






SUGGESTED PANEL OPENING

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

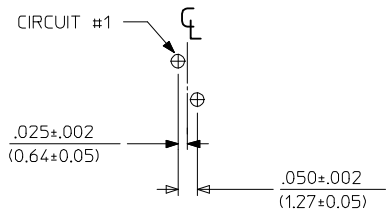
		DATE
DRAWN BY	JTR	1993/10/18
CHECKED BY	JTR	1993/10/18
APPROVED BY	RAS	1993/10/18

TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

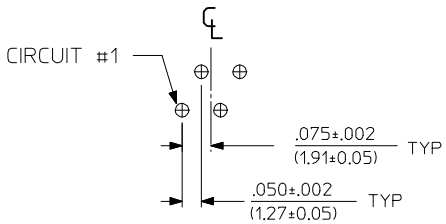
MOLEX INCORPORATED

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

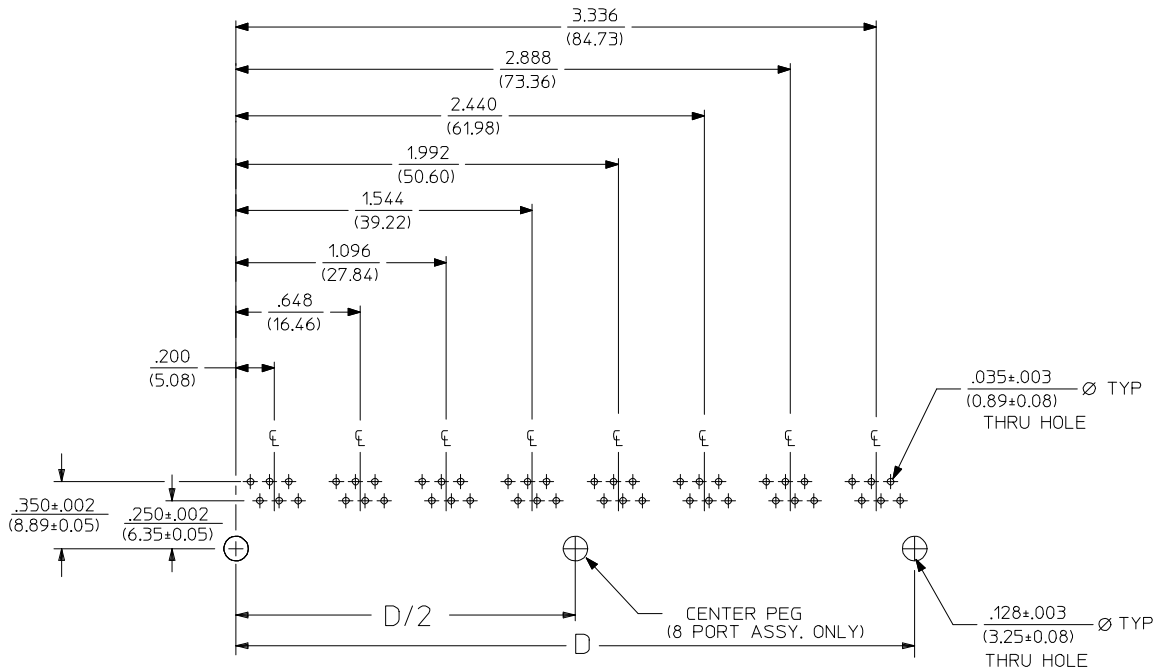
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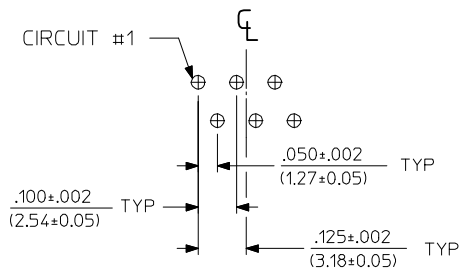
6 LOADED 2 DETAIL
SCALE: 4/1



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

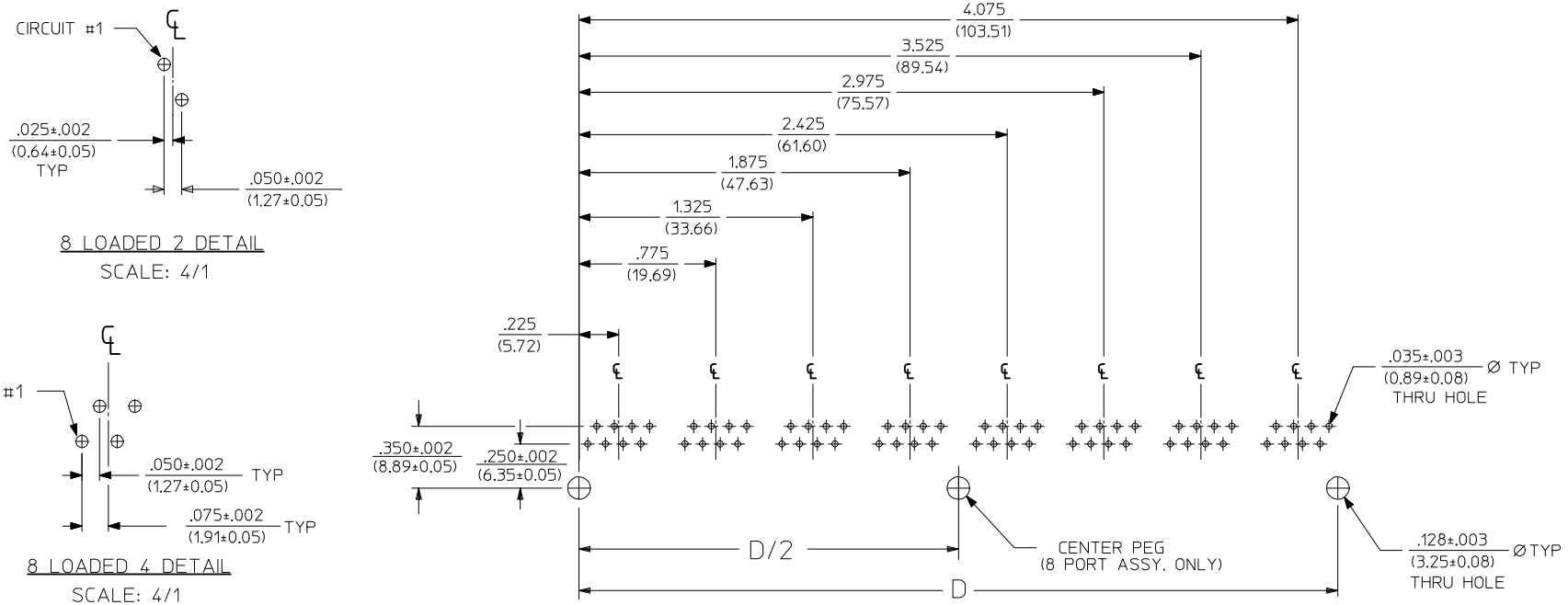
DRAWN BY	JTR	DATE 1993/10/18
CHECKED BY	JTR	DATE 1993/10/18
APPROVED BY	RAS	DATE 1993/10/18

TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

molex MOLEX INCORPORATED

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

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



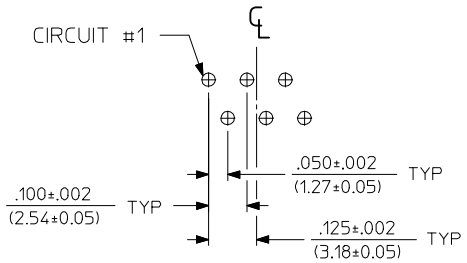
8 LOADED 2 DETAIL

SCALE: 4/1

8 LOADED 4 DETAIL

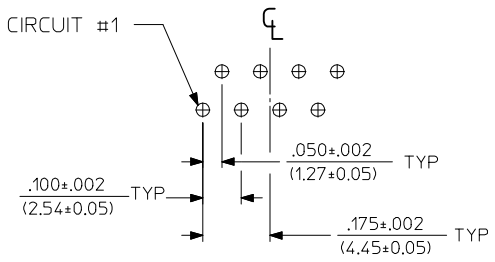
SCALE: 4/1

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



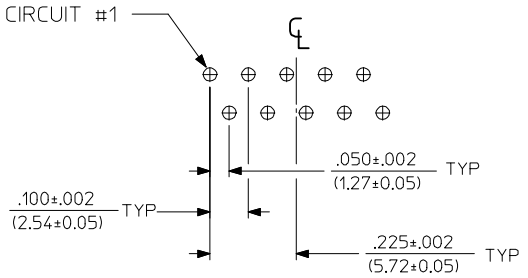
8 LOADED 6 DETAIL

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

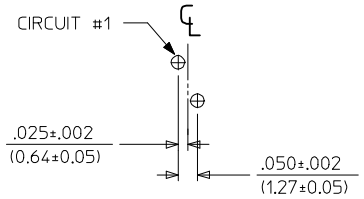
TITLE: LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY

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

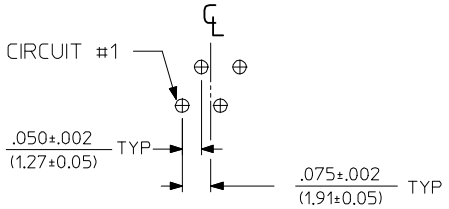
SIZE: C

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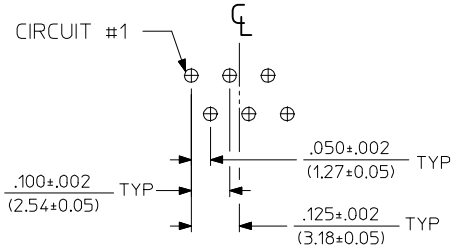
8 LOADED 2 DETAIL

SCALE: 4/1



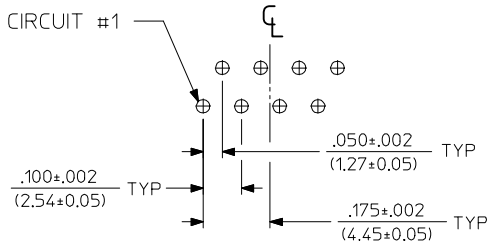
8 LOADED 4 DETAIL

SCALE: 4/1



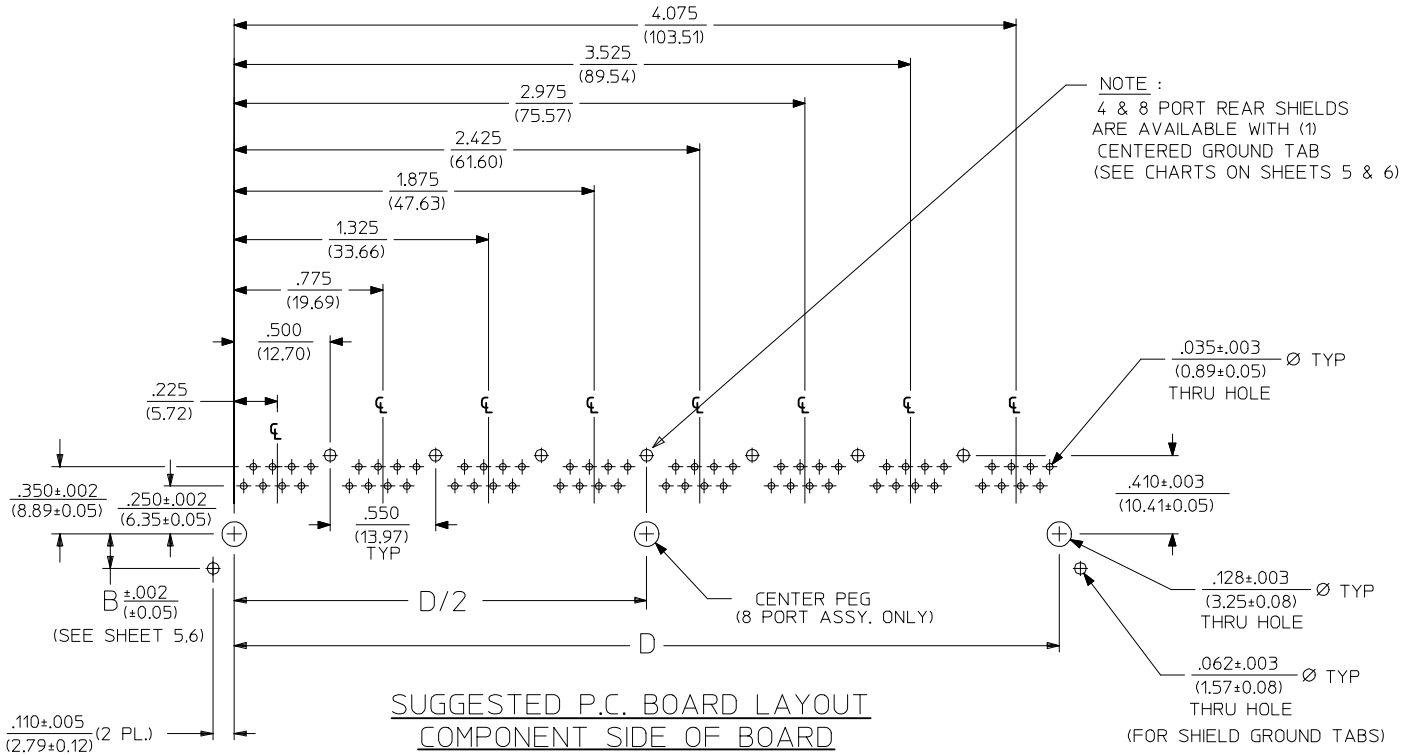
8 LOADED 6 DETAIL

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
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4	2.100 (53.34)
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
CH'KD: JBELL
APPR: FSMITH
DESCRIPTION
K1
REV

QUALITY SYMBOLS
▼=0
▽C=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 / 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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