

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0432238113](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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/ 127 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/ 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/ 127 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.

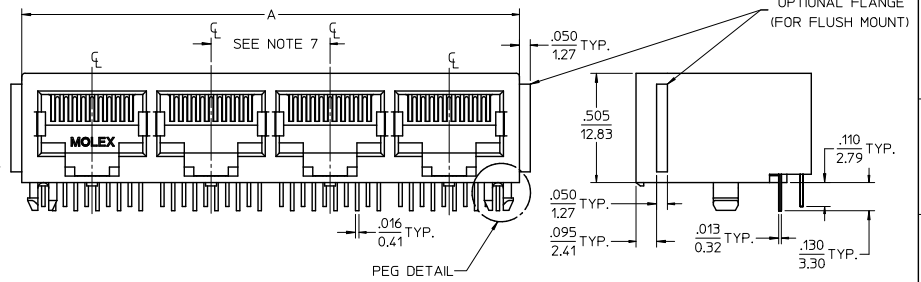
5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.

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.

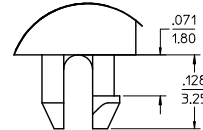
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



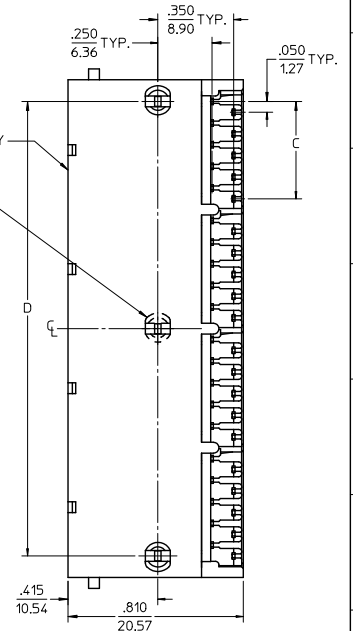
4 PORT 8 LOADED
10 JACK SHOWN

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 (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)

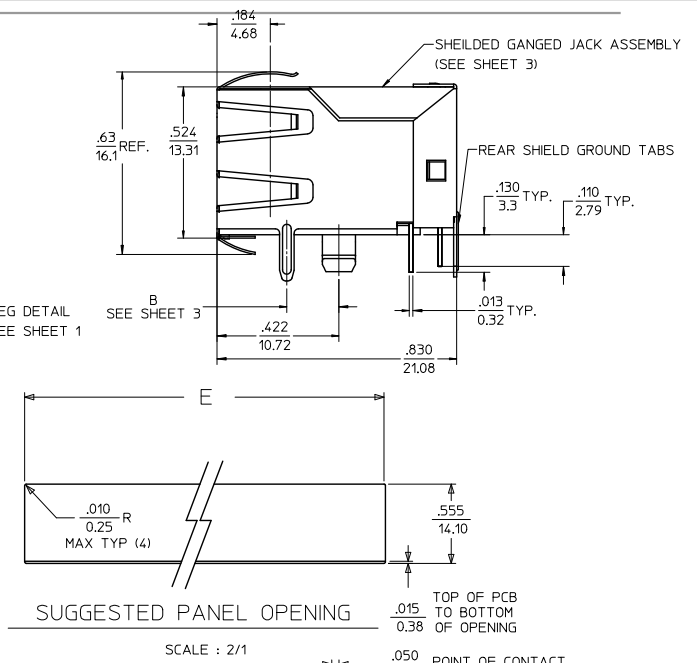
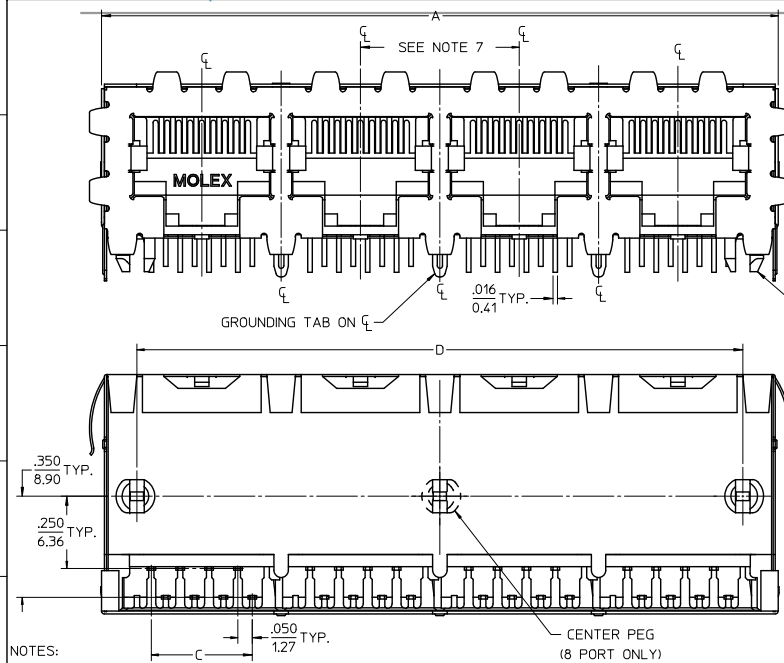
ADD BLOCK TO
EC NO: UCP2009-0477
2008/09/05
DRWN: J.BELL
CHKD: J.BELL
APPR: J.BELL
2008/09/11
REV

QUALITY
SYMBOLS
▽=0
▽=0

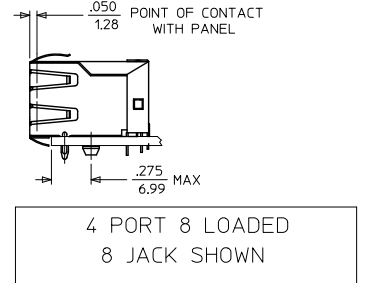
GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± .005 ± .0005
3 PLACES ± .005 ± .0005
2 PLACES ± .005 ± .0005
1 PLACE ± .005 ± .0005
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY JTR DATE 1993/10/18
CHECKED BY JTR DATE 1993/10/18
APPROVED BY RAS DATE 1993/10/18
MATERIAL NO. SEE SHTS 3
DOCUMENT NO. SDA-43223

SCALE 3:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION
TITLE LOW PROFILE GANGED,
RIGHT ANGLE MODULAR JACK
ASSEMBLY
MOLEX INCORPORATED
SHEET NO. 1 OF 6



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. UC7-2009-0477 DRAWN: BELL CHKD: BELL APP'D: SMITH	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE		
		4 PLACES	±---	±---	JTR	1993/10/18	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY		
		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	MOLEX INCORPORATED			
				MATERIAL NO.	DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHTS 3		SDA-43223			
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				SHEET NO. 2 OF 6					

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

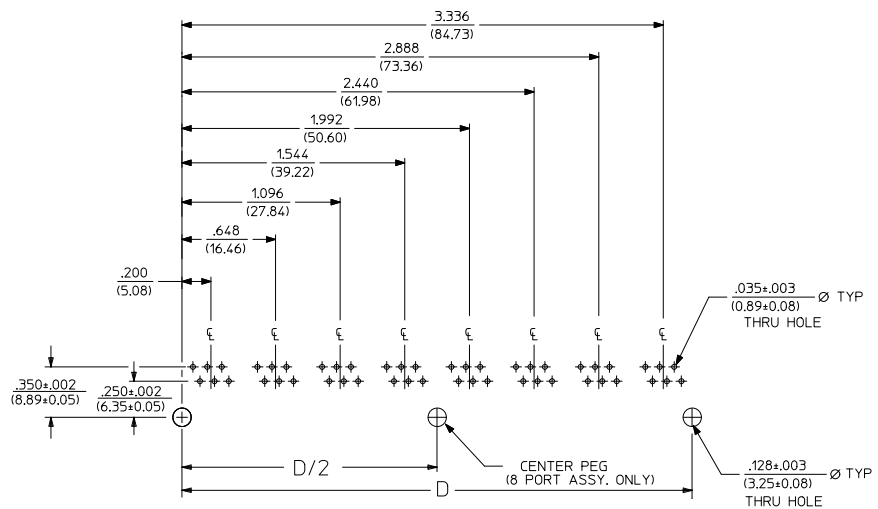
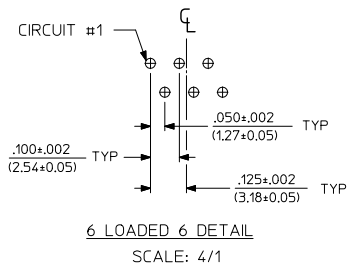
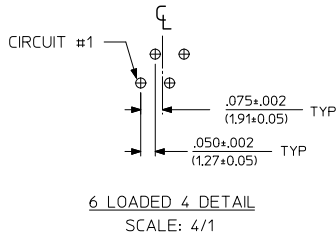
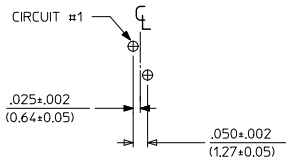
FLANGELESS (SHIELDED)

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	↑	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

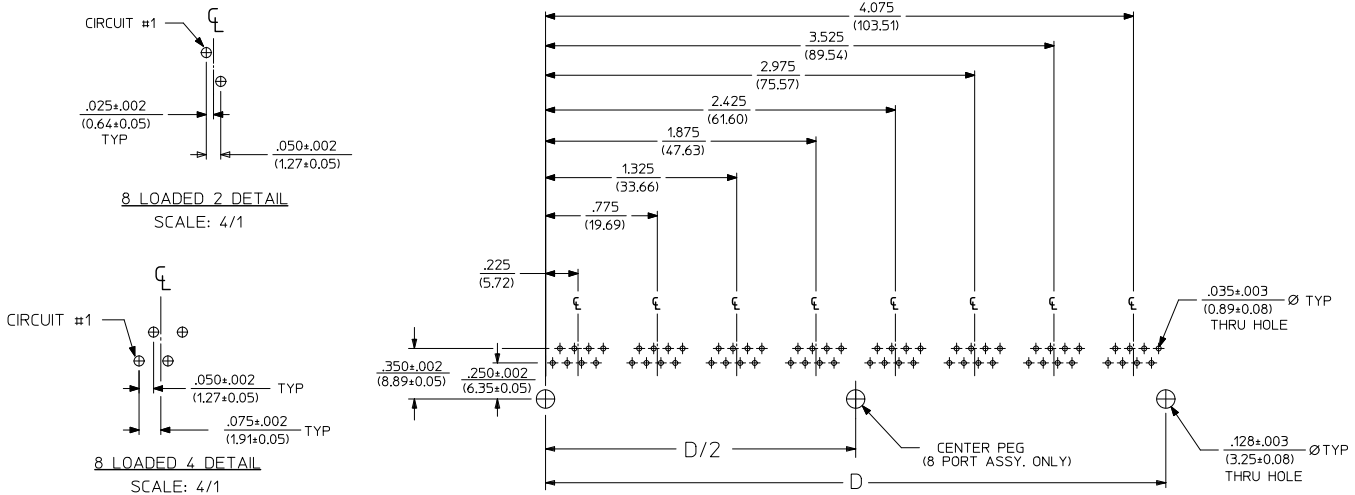
SEE SHEET 1 EC NO: UCP2009-0477 DRWN: J.BELL 2008/09/05 CHKD: J.BELL 2008/09/11 APPR: S.MITH 2008/09/11 K1	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ±---	±---	DRAWN BY JTR	DATE 1993/10/18	TITLE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



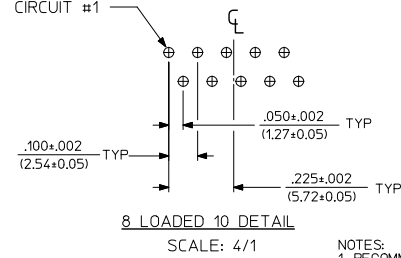
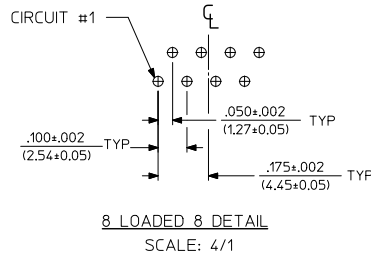
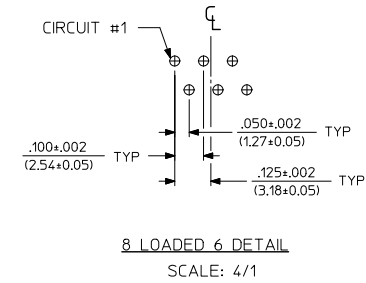
NOTES:
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

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)

SEE SHEET 1 EC NO: UCP2009-0477 DRAWN: J.BELL 2008/09/05 CHKD: J.BELL 2008/09/11 APPROV: S.MTH 2008/09/11 K1	QUALITY SYMBOLS ▴=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- INCH 3 PLACES ± --- INCH 2 PLACES ± 0.38 INCH 1 PLACE ± --- INCH 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 SHT 3 SIZE C	SCALE 2:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX INCORPORATED SDA-43223 SHEET NO. 4 OF 6



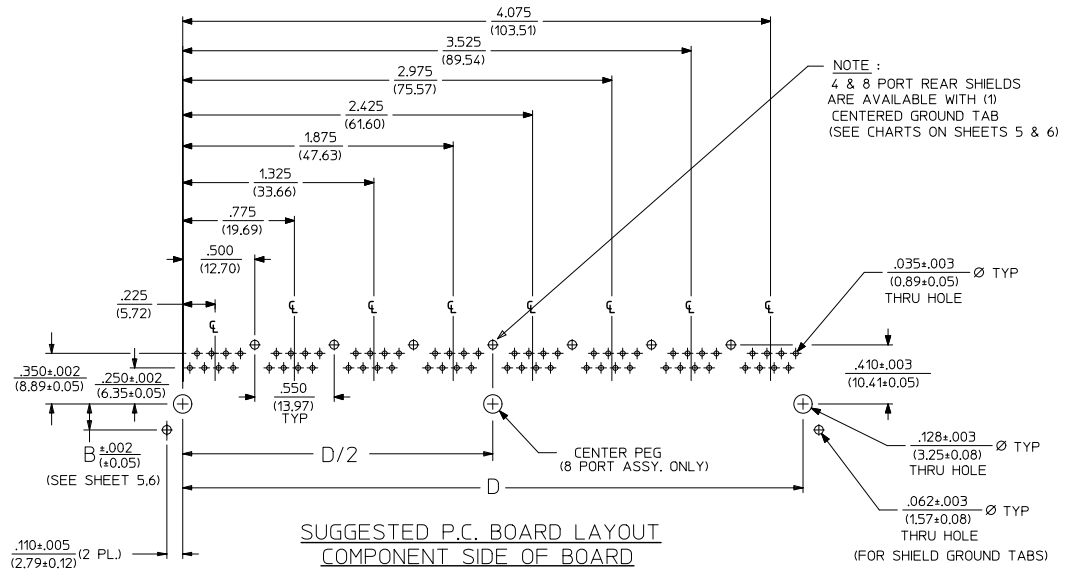
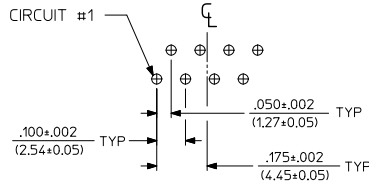
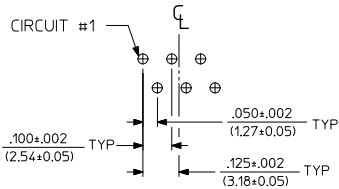
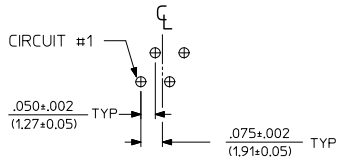
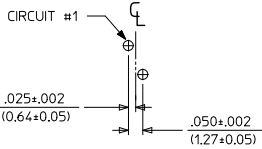
**SUGGESTED P.C. BOARD LAYOUT
COMPONENT SIDE OF BOARD
8 PORT, 8 LOADED 8
(SNAP-FIT VERSIONS)**



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. UC/P2009-0477 DRAWN: BELL CHKD: BELL APPROVED: TH K1	2008/09/05 2008/09/11 2008/09/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY			
	▽=0	4 PLACES ±	±	JTR	1993/10/18					
	3 PLACES ±	±	0.015	CHECKED BY	DATE					
		2 PLACES ±	±	0.38	JTR	1993/10/18		MOLEX INCORPORATED		
		1 PLACE ±	±		APPROVED BY	DATE				
		ANGULAR ±1/2°		RAS	1993/10/18		SDA-43223			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.					SHEET NO.
			SEE SHT 3		SDA-43223		5 OF 6			
	REV	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



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)
6	3.200 (81.28)
8	4.300 (109.32)

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