

Excellent Integrated System Limited

Stocking Distributor

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

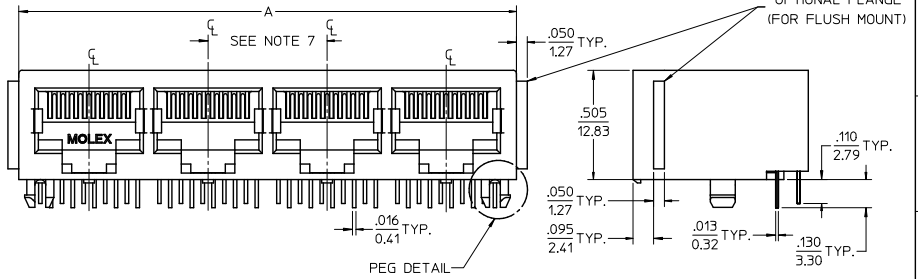
[Molex Connector Corporation](#)
[0432238192](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

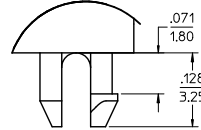
- MATERIAL:**
HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .012/ 0.30 THICK
- FINISH:**
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/ 127 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/ 254 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.
- PRODUCT SPECIFICATION AND PROCESSING PARAMETERS:** PS-43223-001.
- PACKAGING SPECIFICATION:**
UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TRAYS PER MOLEX
PACKAGING SPECIFICATION PK-43249-004.
- SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.
- SEE SHEET 2 FOR THE SHIELDED JACK ASSEMBLY.
- FOR 6 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS .448/ 11.38,
FOR 8 CIRCUIT JACKS CENTERLINE TO CENTERLINE SPACING IS .550/ 13.97.
- ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



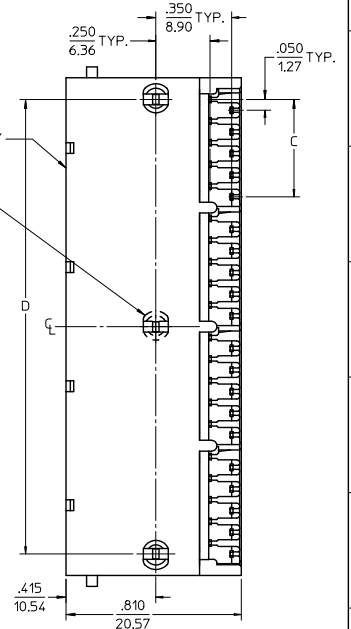
4 PORT 8 LOADED
10 JACK SHOWN

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)

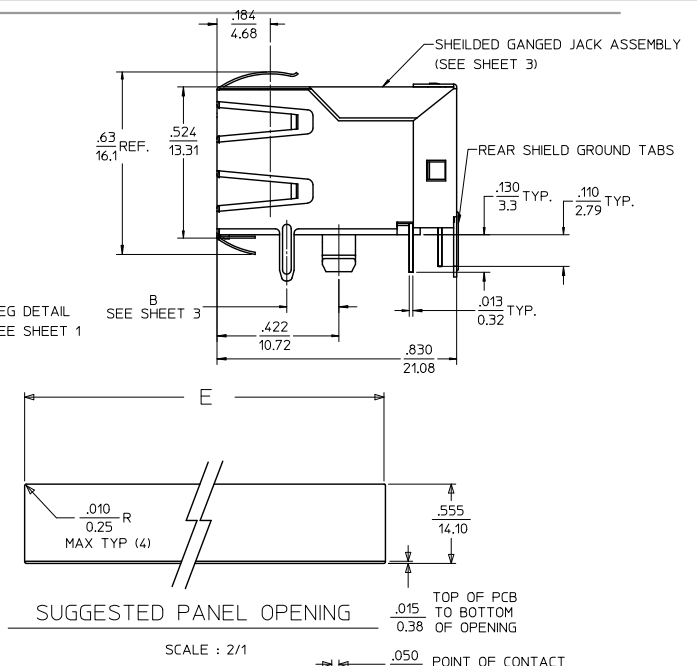
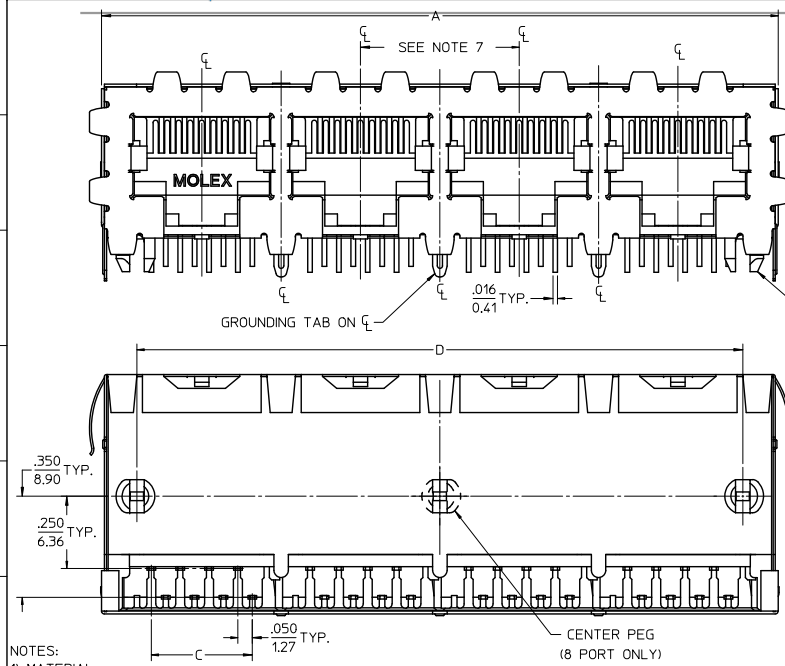
ADD BLOCK TO
EC NO: UCP2009-0477
2008/09/05
DRWN: J.BELL
CHKD: J.BELL
APPROV: J.BELL
2008/09/11
REV

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)
4 PLACES ± .005
3 PLACES ± .010
2 PLACES ± .015
1 PLACE ± .020
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

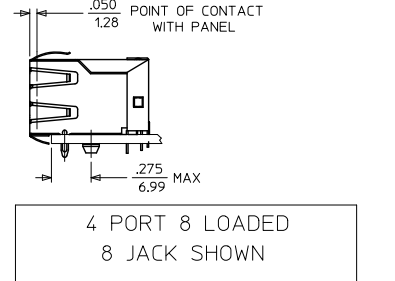
DIMENSION STYLE
IN/MM
DRAWN BY
DATE
1993/10/18
CHECKED BY
DATE
1993/10/18
APPROVED BY
DATE
1993/10/18
MATERIAL NO.
DOCUMENT NO.
SEE SHTS 3
SDA-43223

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



- NOTES:
- 1) MATERIAL:
HOUSING: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
INSULATOR: GLASS FILLED NYLON, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE: .012/ 0.30 THICK
SHIELD: BRASS, FRONT .007/ 0.18 THICK, REAR .010/ 0.25 THICK
 - 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES/ 127 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES/ 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES/ 127 MICROMETERS MIN.
SHIELD:
*100 MICROINCHES/ 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES/ 127 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: UCF2009-0477 DRAWN: JELL CHKD: BELL APPR: JELL K1	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	±---	±---	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 SHTS 3		2 OF 6			
				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

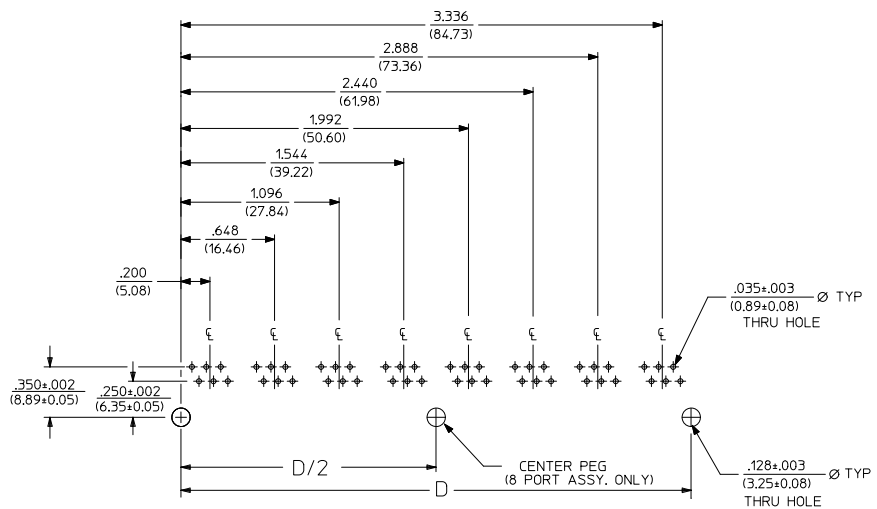
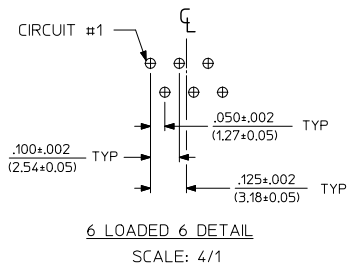
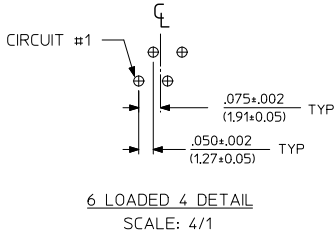
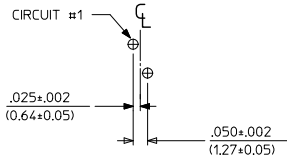
FLANGELESS (SHIELDED)

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	↑	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

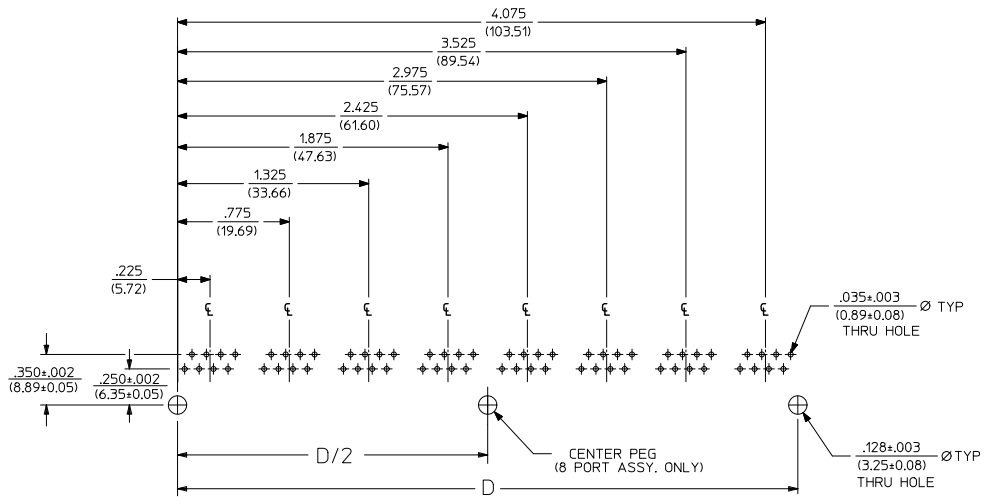
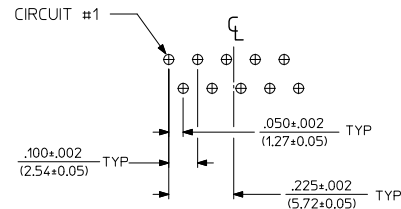
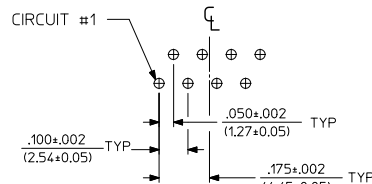
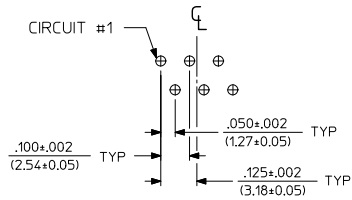
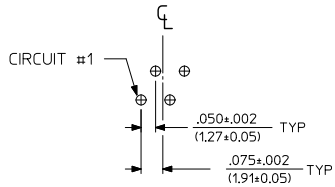
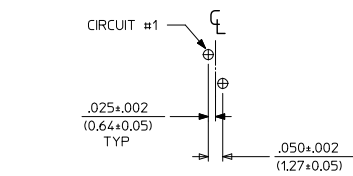
SEE SHEET 1 EC NO: UCP2009-0477 DRWN: J.BELL 2008/09/11 CHKD: J.BELL 2008/09/11 APPR: S.MITH 2008/09/11 K1	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ±---	±---	DRAWN BY JTR	DATE 1993/10/18	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY			
		3 PLACES ±---	±.015	CHECKED BY JTR	DATE 1993/10/18	MOLEX INCORPORATED			
		2 PLACES ±0.38	±---	APPROVED BY RAS	DATE 1993/10/18	DOCUMENT NO. SDA-43223			
ANGULAR ±1/2°		MATERIAL 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)

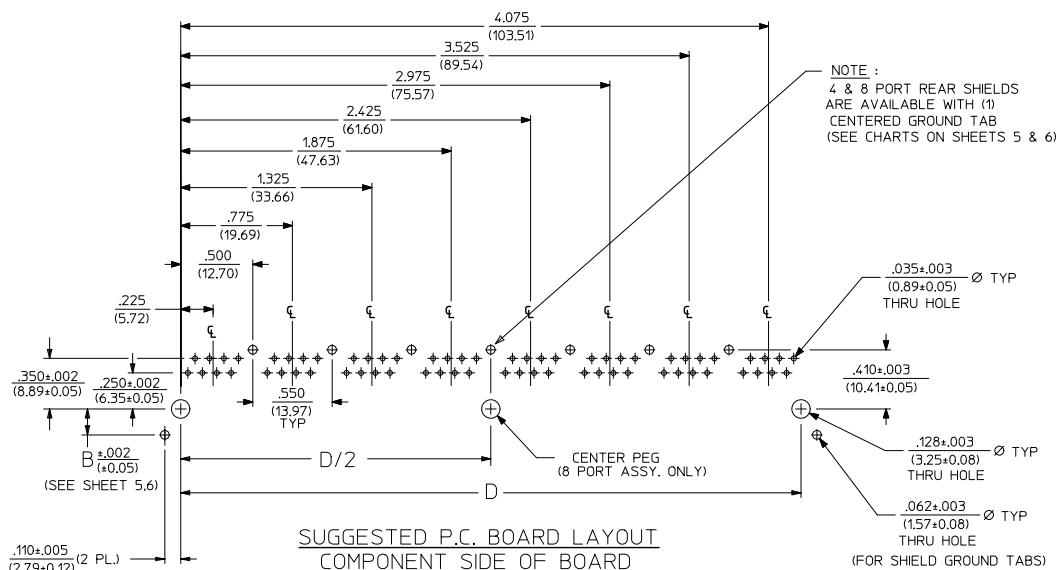
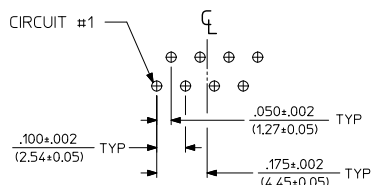
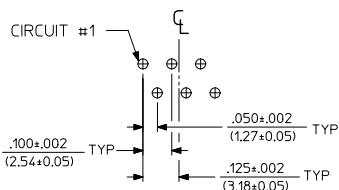
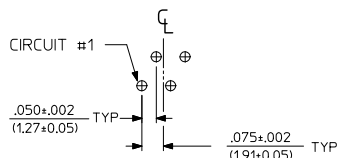
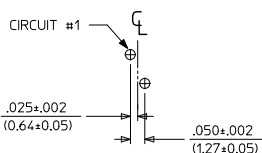
SEE SHEET 1 EC NO: UCP2009-0477 DRAWN: J.BELL 2008/09/05 CHKD: J.BELL 2008/09/11 APPROV: S.MTH 2008/09/11 K1	QUALITY SYMBOLS ▴=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE JTR 1993/10/18 CHECKED BY DATE JTR 1993/10/18 APPROVED BY DATE RAS 1993/10/18	SCALE 2:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX INCORPORATED SDA-43223	MATERIAL NO. SEE SHT 3 DOCUMENT NO. SDA-43223	SHEET NO. 4 OF 6



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

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

SEE SHEET 1 EC NO: UCP2009-0477 DRAWN: BELL 2008/09/05 CHKD: BELL 2008/09/11 APPROV: BELL 2008/09/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
	 =0  =0		mm	INCH	DRAWN BY	DATE	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY		
		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			
			ANGULAR ±1/2°		RAS	1993/10/18	 MOLEX INCORPORATED		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.				
			SEE SHT 3		SDA-43223		SHEET NO.		5 OF 6
			SIZE C	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	1.000 (25.40)
4	2.100 (53.34)
6	3.200 (81.28)
8	4.300 (109.32)

SEE SHEET 1 EC NO: UCP2003-0477 DRAWN BY: JH CHKD: JH APPR: SMITH K1	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX INCORPORATED
			mm	INCH	DRAWN BY	DATE	TITLE			
			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				
			ANGULAR ±1/2°		RAS	1993/10/18				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
					SEE SHT 3		SDA-43223	6 OF 6		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					