

Excellent Integrated System Limited

Stocking Distributor

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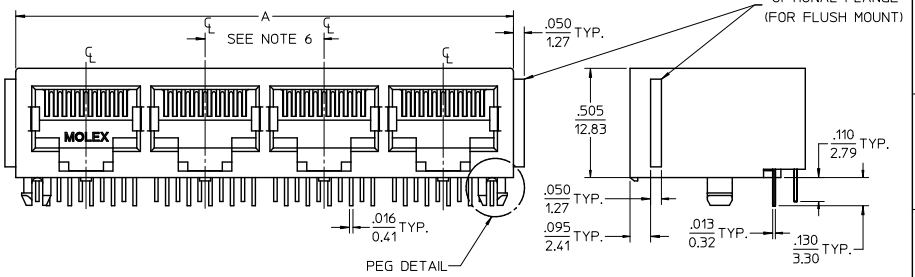
[Molex Connector Corporation](#)
[0432238582](#)

For any questions, you can email us directly:

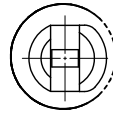
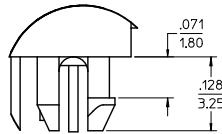
sales@integrated-circuit.com

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 (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.
- 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 3-4 FOR P.C. BOARD LAYOUTS.
- 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.
- THE PRIMARY SHIPPING CARTON WILL BE LABELED, "COMPLIANT TO
RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC."
ASSEMBLIES WILL BE COMPLIANT TO THE RoHS AND ELV (LEAD-FREE) DIRECTIVES.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION
PS-45499-002.

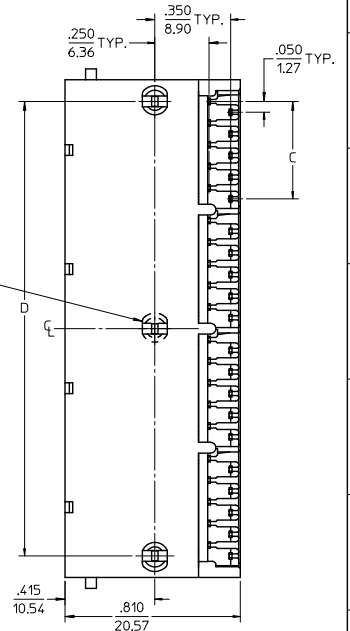


4 PORT 8 LOADED 10 JACK
W/ SNAP-FIT PEGS SHOWN



PEG DETAIL
SCALE 8:1

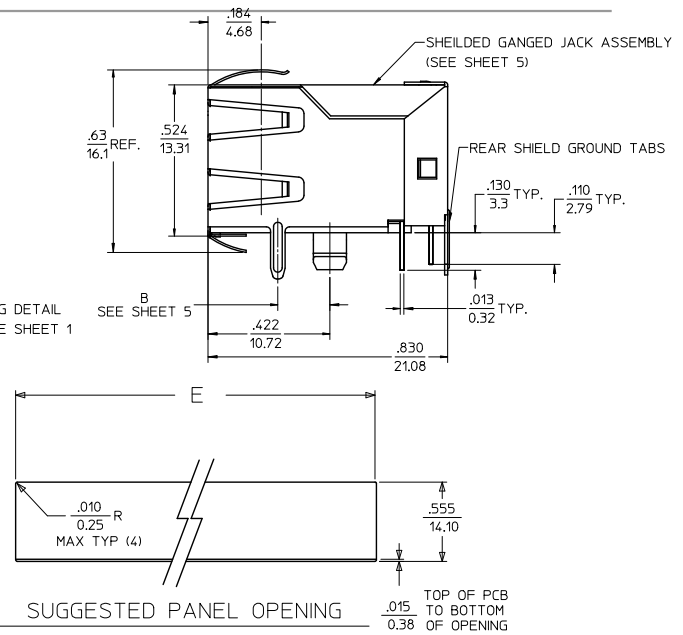
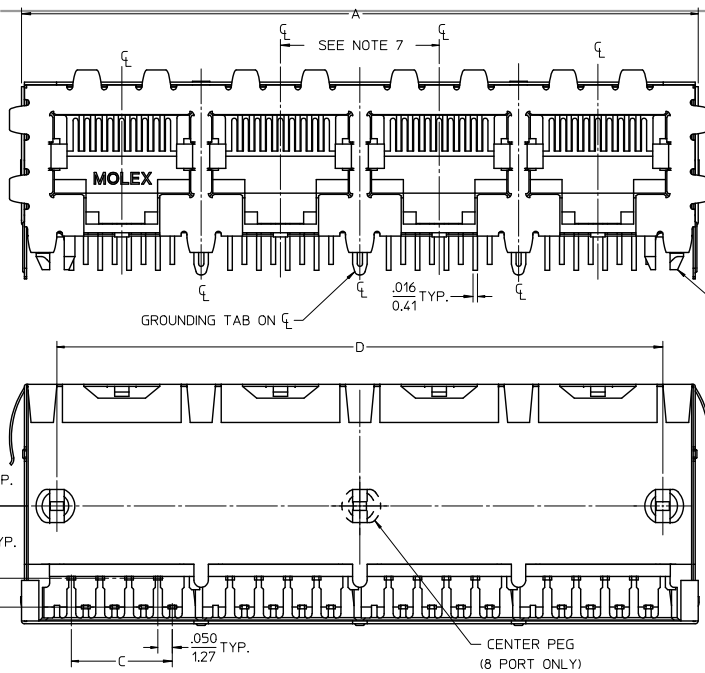
CENTER PEG
(8 PORT ASSY. ONLY)



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)

MODIFY BLOCK TOL EC NO: UCP2009-0477 2008/09/05 DRAWN: J.BELL 2008/09/11 CHKD: J.BELL 2008/09/11 APPROV: J.BELL 2008/09/11 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 3:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE	MATERIAL NO. SD-43223-001	DOCUMENT NO. SD-43223-001	SHEET NO. 1 OF 5
		4 PLACES ±	3 PLACES ±	2 PLACES ±	1 PLACE ±							
		mm	mm	mm	mm							
		± .005	± .015	± .038	± .075							
		INCH	INCH	INCH	INCH							
		± .0005	± .0015	± .0038	± .0075							
		ANGULAR ±1/2°										
		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										

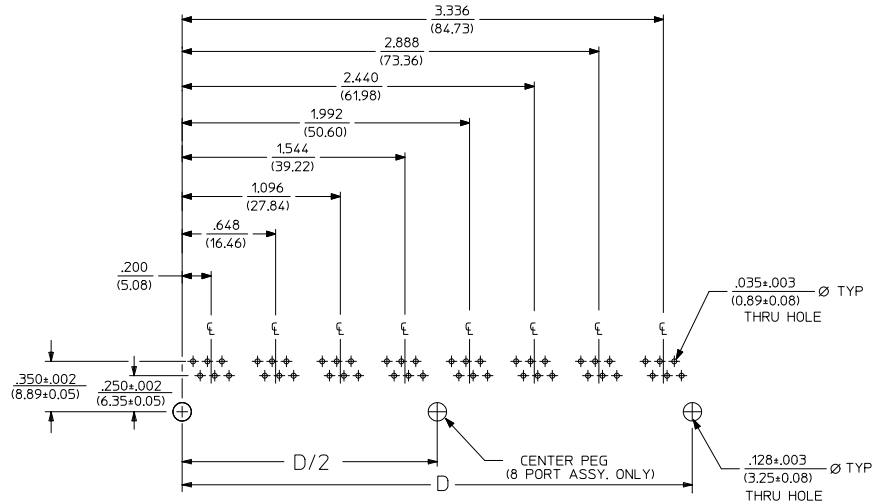
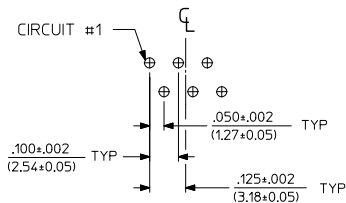
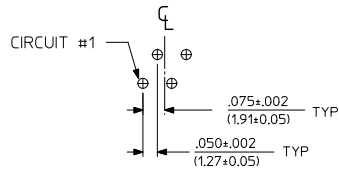
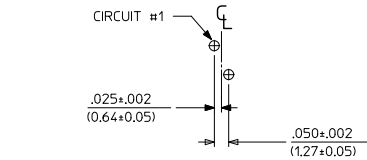


NOTES:

- 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
- 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 3-5 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) THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
ASSEMBLIES WILL BE COMPLIANT TO THE RoHS AND ELV (LEAD-FREE) DIRECTIVES.
- 10) 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)

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE	SHEET NO. 2 OF 5
	mm	INCH	DRAWN BY	DATE					
4 PLACES ±	---	---	RHOLTS	2004/06/04	4:1	INCH	THIRD ANGLE PROJECTION	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE	
3 PLACES ±	---	±.015	CHECKED BY	DATE					
2 PLACES ±	0.38	---	LSCHMIDT	2004/06/04					
1 PLACE ±	---	---	APPROVED BY	DATE					
			FSMITH	2004/06/04					
	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		MOLEX INCORPORATED		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 5		SD-43223-001		MOLEX INCORPORATED		
	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

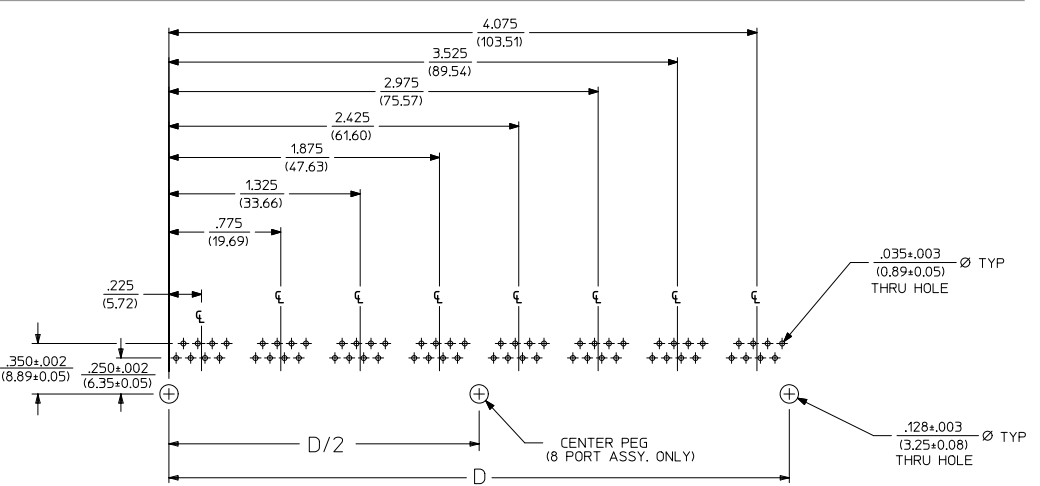
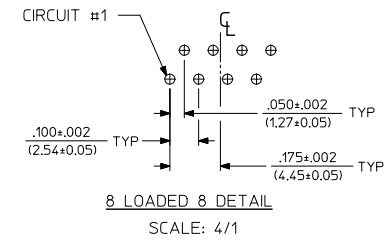
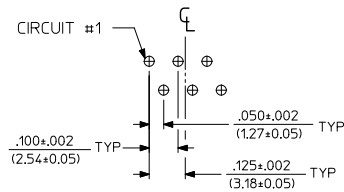
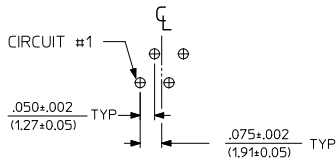
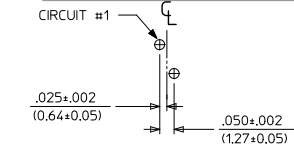


FLANGELESS SNAP-FIT PEGS (UNSHIELDED)

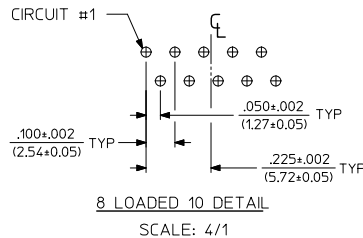
ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	DIMENSION "D"	PACKAGING STYLE	PACKAGING SPECIFICATION
43223-6613	6	6	6	2.640/(67.06)	TRAY	PK-43249-004
43223-6619	6	6	8	3.536/(89.81)	TRAY	PK-43249-004
43223-6655	6	2	6	2.640/(67.06)	TRAY	PK-43249-004

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

SEE SHEET 1 EC NO: UCP2009-0477 DRWN: J.BELL 2008/09/05 CHKD: J.BELL 2008/09/11 APPR: J.BELL 2008/09/11 A9	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				DRAWN BY RHOLTS	DATE 2004/06/04	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE			
		4 PLACES ± ±		CHECKED BY LSCHMIDT	DATE 2004/06/04				
		3 PLACES ± ±		APPROVED BY FSMITH	DATE 2004/06/04				
		2 PLACES ± ±							
		1 PLACE ± ±							
		ANGULAR ±1/2°							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 3 OF 5	
				SEE CHART		SD-43223-001			
				SIZE C		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
(UNSHIELDED) LAYOUT SHOWN
(SNAP-FIT VERSIONS)

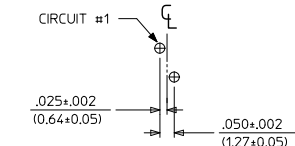


FLANGELESS SNAP-FIT PEGS (UNSHIELDED)

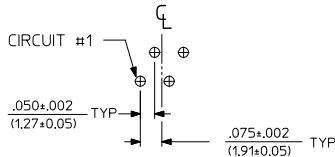
ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	DIMENSION 'D'	PACKAGING STYLE	PACKAGING SPECIFICATION
43223-8576	8	8	8	4.300/(109.32)	TRAY	PK-43249-004

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

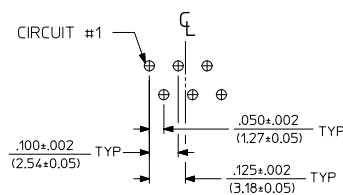
SEE SHEET 1 EC NO: UCP2009-0477 DRAWN BY: JHELL CHKD: JHELL APPD: F.SMTH A9	2008/09/05 2008/09/11 2008/09/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE MOLEX INCORPORATED
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE				
	▽=0	4 PLACES ±	---	---	RHOLTS	2004/06/04				
		3 PLACES ±	---	±.015	CHECKED BY	DATE				
		2 PLACES ±	0.38	---	LSCHMIDT	2004/06/04				
		1 PLACE ±	---	---	APPROVED BY	DATE				
		ANGULAR ±1/2°		FSMITH	2004/06/04	MOLEX				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.				
				SEE CHART		SD-43223-001				
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



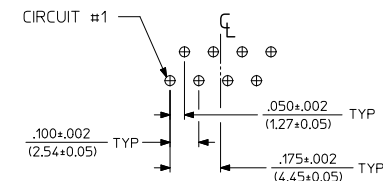
8 LOADED 2 DETAIL
SCALE: 4/1



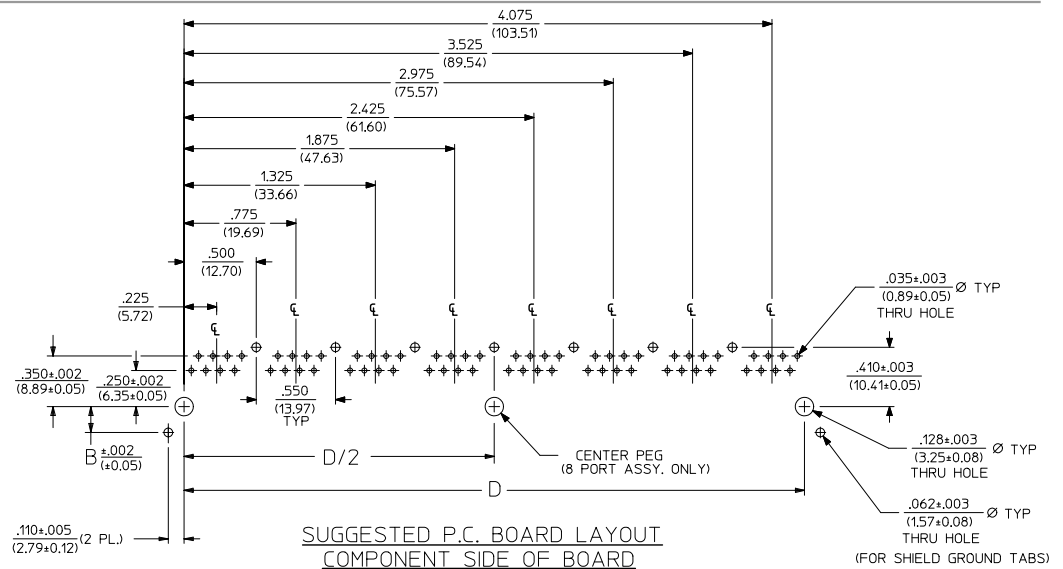
8 LOADED 4 DETAIL
SCALE: 4/1



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)

FLANGELESS SNAP-FIT PEGS (SHIELDED)

ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	DIMENSION "B"	DIMENSION "D"	PACKAGING STYLE	PACKAGING SPECIFICATION
43223-8528	8	8	2	.180/(4.57)	1.000/(25.40)	TRAY	PK-44150-004
43223-8546	8	8	4	.180/(4.57)	2.100/(53.34)	TRAY	PK-44150-004
43223-8564	8	8	6	.180/(4.57)	3.200/(81.28)	TRAY	PK-44150-004
43223-8582	8	8	8	.180/(4.57)	4.300/(109.32)	TRAY	PK-44150-004

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

SEE SHEET 1 EC NO: UCP2009-0477 DRAWN: BELL CHKD: BELL APPROV: SMITH A9	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 ▽=0	mm INCH		DRAWN BY DATE		TITLE		
				4 PLACES ± ± ± ±		RHOLTS 2004/06/04		LOW PROFILE GANGED,			
				3 PLACES ± ± ± ±		CHECKED BY DATE		RIGHT ANGLE MODULAR JACK			
				2 PLACES ±0.38 ± ± ± ±		LSCHMIDT 2004/06/04		ASSEMBLY, LEAD-FREE			
				1 PLACE ± ± ± ±		APPROVED BY DATE		MOLEX MOLEX INCORPORATED			
				ANGULAR ±1/2° ± ± ± ±		FSMITH 2004/06/04					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SD-43223-001	
						SEE CHART				SHEET NO. 5 OF 5	
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY, LEAD-FREE

MOLEX INCORPORATED

SD-43223-001

SHEET NO. 5 OF 5