

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.

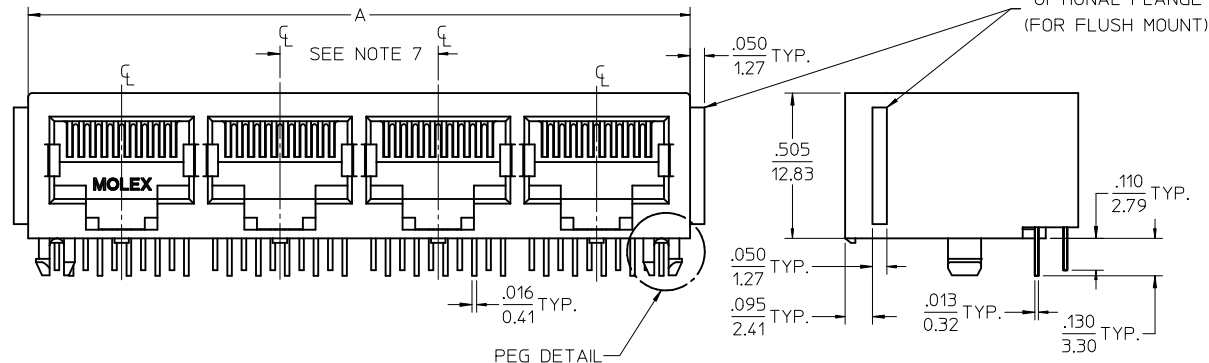
5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.

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.

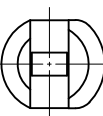
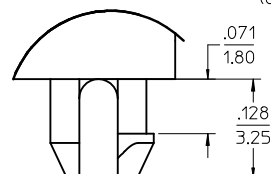
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



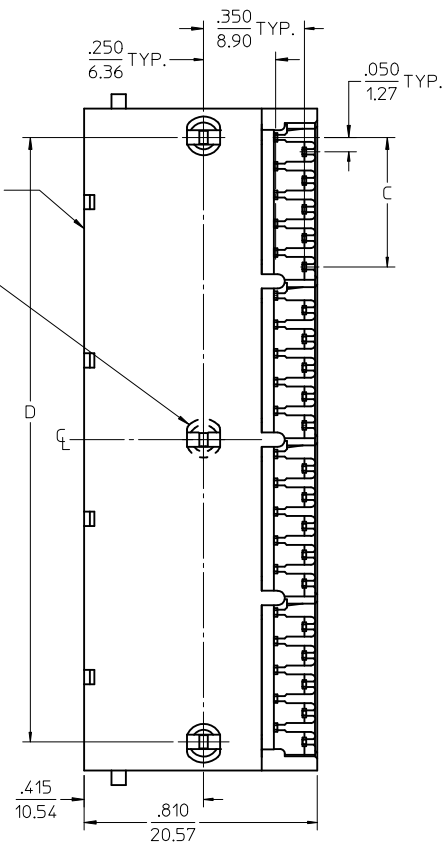
4 PORT 8 LOADED
10 JACK SHOWN

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 TOL
EC NO: UCP2009-0477
DRWN: BELL
CHKD: BELL
APPR: FSMITH

2008/09/05
2008/09/11
2008/09/11

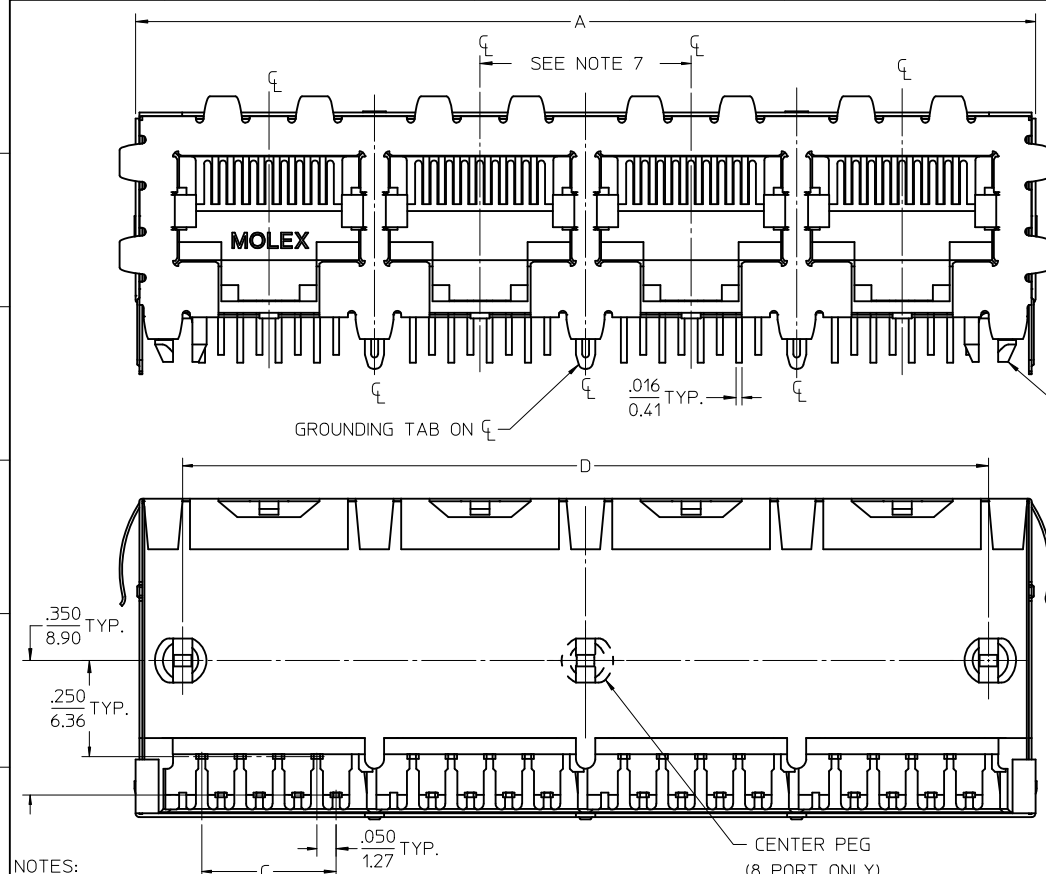
DESCRIPTION
REV

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

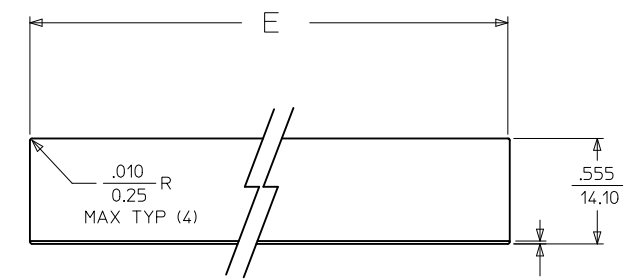
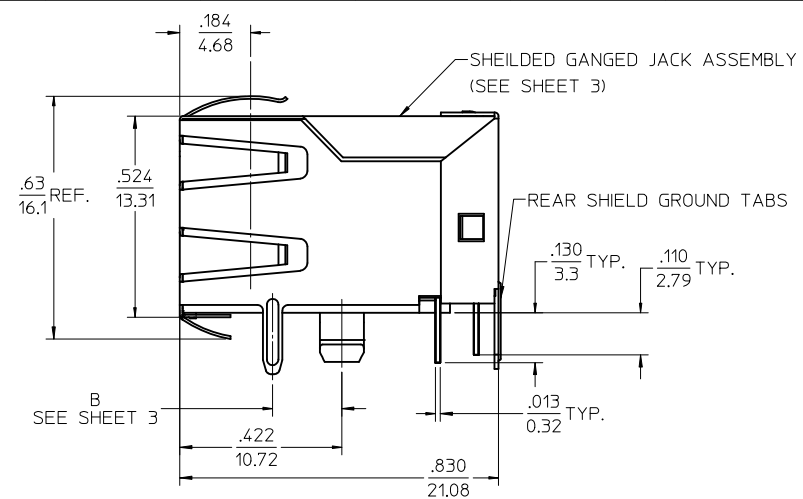
DIMENSION STYLE
IN/MM
DRAWN BY DATE
JTR 1993/10/18
CHECKED BY DATE
JTR 1993/10/18
APPROVED BY DATE
RAS 1993/10/18
MATERIAL NO.
SEE SHTS 3
SIZE C

SCALE
3:1
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION
LOW PROFILE GANGED,
RIGHT ANGLE MODULAR JACK
ASSEMBLY
MOLEX INCORPORATED
DOCUMENT NO.
SDA-43223
SHEET NO.
1 OF 6
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



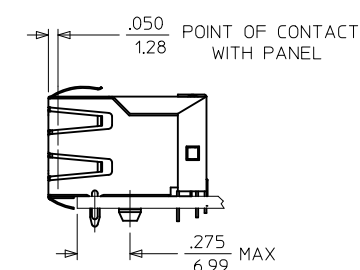
NOTES:

- 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/ 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.



SUGGESTED PANEL OPENING

SCALE : 2/1

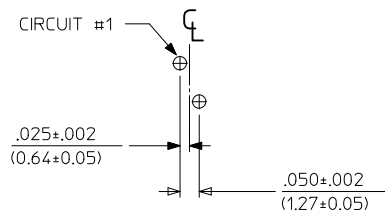


4 PORT 8 LOADED
8 JACK SHOWN

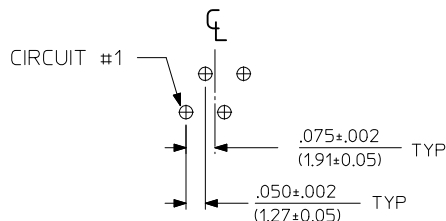
HOUSING SIZE	CIRCUIT SIZE	NO. OF PORTS	DIM. A	DIM. C	DIM. D	DIM. E
8	8	2	1.224 (31.09)	.350 (8.89)	1.000 (25.40)	1.255 (31.88)
8	8	4	2.324 (59.03)	.350 (8.89)	2.100 (53.34)	2.355 (59.82)
8	8	6	3.424 (86.97)	.350 (8.89)	3.200 (81.28)	3.455 (87.76)
8	8	8	4.524 (114.91)	.350 (8.89)	4.300 (109.22)	4.555 (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 DRWN:JBELL CHKD:JBELL APPR:FSMITH 2008/09/05 2008/09/11 2008/09/11	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 JTR	DATE 1993/10/18	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX INCORPORATED SDA-43223		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .015 2 PLACES ± 0.38 ± --- 1 PLACE ± --- ± ---		CHECKED BY JTR	DATE 1993/10/18			
		ANGULAR ± 1/2°		APPROVED BY RAS	DATE 1993/10/18			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHTS 3	DOCUMENT NO. SDA-43223	SHEET NO. 2 OF 6	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

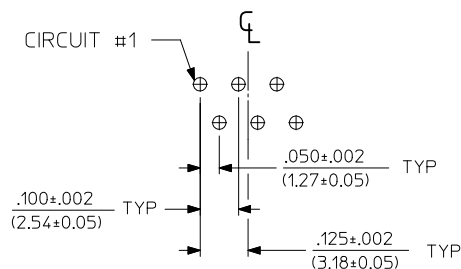
	13	12	11	10	9	8	7	6	5	4	3	2	1						
J	FLUSH MOUNT (UNSHIELDED)						FLANGELESS (UNSHIELDED)								J				
	ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	PACKAGING STYLE	PACKAGING SPECIFICATION	ASSEMBLY NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	PACKAGING STYLE	PACKAGING SPECIFICATION							
	43223-6001	6	6	2	TRAY	PK-43249-004	43223-6101	6	6	2	TRAY	PK-43249-004							
	43223-6004	6	6	3	↑	↑	43223-6104	6	6	3	↑	↑							
	43223-6007	6	6	4			43223-6107	6	6	4									
	43223-6010	6	6	5			43223-6110	6	6	5									
	43223-6013	6	6	6			43223-6113	6	6	6									
I	43223-6019	6	6	8			43223-6119	6	6	8									
	43223-6022	6	4	2			43223-6122	6	4	2									
	43223-6025	6	4	3			43223-6125	6	4	3									
	43223-6028	6	4	4			43223-6128	6	4	4									
	43223-6031	6	4	5			43223-6131	6	4	5									
	43223-6034	6	4	6			43223-6134	6	4	6									
	43223-6040	6	4	8			43223-6140	6	4	8									
H	43223-6043	6	2	2			43223-6143	6	2	2									
	43223-6046	6	2	3			43223-6146	6	2	3									
	43223-6049	6	2	4			43223-6149	6	2	4									
	43223-6052	6	2	5			43223-6152	6	2	5									
	43223-6055	6	2	6	↓	↓	43223-6155	6	2	6	↓	↓							
	43223-6058	6	2	8	TRAY	PK-43249-004	43223-6158	6	2	8	TRAY	PK-43249-004							
G	43223-8001	8	10	2	TRAY	PK-43249-004	43223-8101	8	10	2	TRAY	PK-43249-004							
	43223-8004	8	10	3	↑	↑	43223-8104	8	10	3	↑	↑							
	43223-8007	8	10	4			43223-8107	8	10	4									
	43223-8010	8	10	5			43223-8110	8	10	5									
	43223-8013	8	10	6			43223-8113	8	10	6									
	43223-8019	8	10	8			43223-8119	8	10	8									
	43223-8022	8	8	2			43223-8122	8	8	2									
	43223-8025	8	8	3			43223-8131	8	8	3									
F	43223-8028	8	8	4			43223-8140	8	8	4									
	43223-8031	8	8	5			43223-8149	8	8	5									
	43223-8034	8	8	6			43223-8158	8	8	6	↓	↓							
	43223-8040	8	8	8			43223-8176	8	8	8	TRAY	PK-43249-004							
	43223-8041	8	4	5	↓	↓													
	43223-8042	8	6	3	TRAY	PK-43249-004													
E	FLANGELESS (SHIELDED)							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											
	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	↑	↑											
D	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											
C	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											
B	SEE SHEET 1 EC NO: UCP2009-0477 2008/09/05 DRWN:JBELL CHKD:JBELL APPR:FSM:TH 2008/09/11 2008/09/11							QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
								▽=0 ▽=0		mm INCH		IN/MM		2:1		INCH			
	K1							4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY		MOLEX MOLEX INCORPORATED			
								3 PLACES ± --- ± .015		JTR 1993/10/18		CHECKED BY DATE							
								2 PLACES ± 0.38 ± ---		JTR 1993/10/18		APPROVED BY DATE		SDA-43223		3 OF 6			
								1 PLACE ± --- ± ---		RAS 1993/10/18		MATERIAL NO.							
A								ANGULAR ±1/2°		SEE CHART		DOCUMENT NO.							
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	12	11	10	9	8	7	6	5	4	3	2	1							



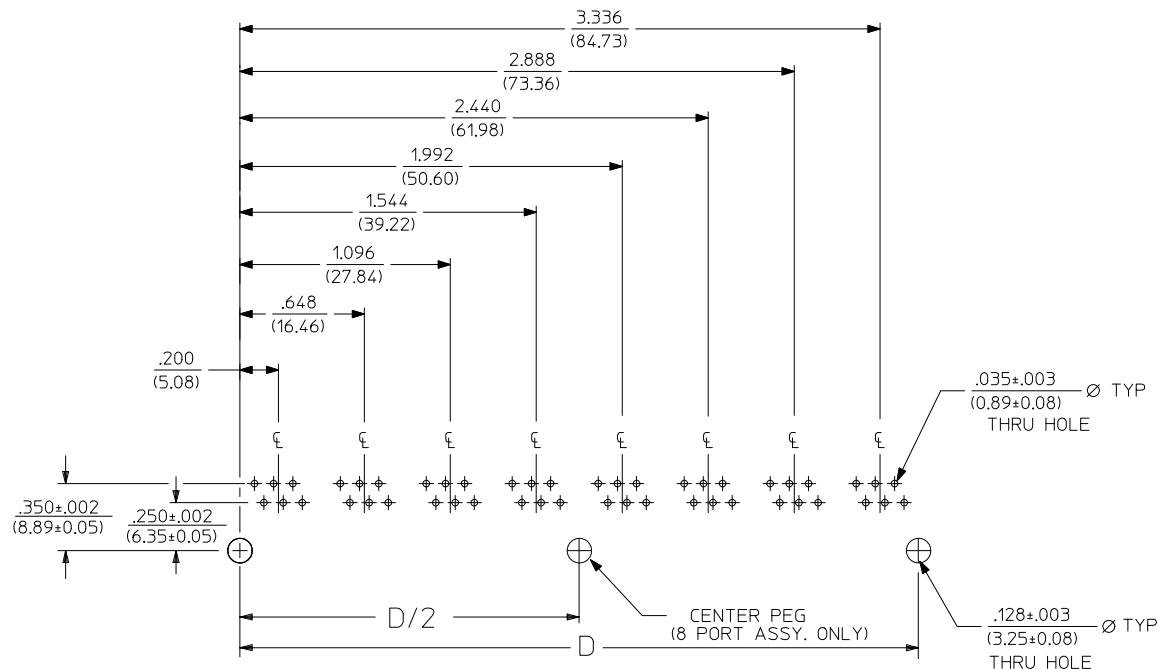
6 LOADED 2 DETAIL
SCALE: 4/1



6 LOADED 4 DETAIL
SCALE: 4/1



6 LOADED 6 DETAIL
SCALE: 4/1

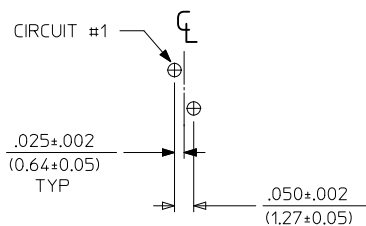


SUGGESTED P.C. BOARD LAYOUT
COMPONENT SIDE OF BOARD
8 PORT, 6 LOADED 6, LAYOUT SHOWN
(SNAP-FIT VERSIONS)

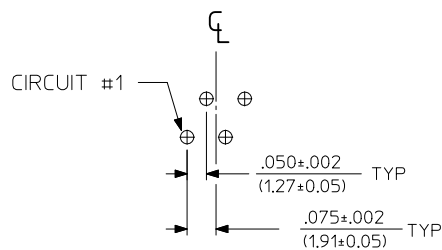
NOTES:
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

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)

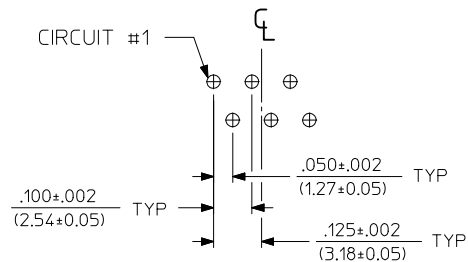
SEE SHEET 1 EC NO: UCP2009-0477 DRWN:JBELL 2008/09/05 CHKD:JBELL 2008/09/11 APPR:FSM TH 2008/09/11 K1	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JTR	DATE 1993/10/18	TITLE				
			4 PLACES	± ---	± ---	CHECKED BY JTR	DATE 1993/10/18	LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY				
			3 PLACES	± ---	± .015	APPROVED BY RAS	DATE 1993/10/18					
			2 PLACES	± 0.38		MATERIAL NO.	DOCUMENT NO.					
			1 PLACE	± ---	± ---	SEE SHT 3						
			ANGULAR ±1/2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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							



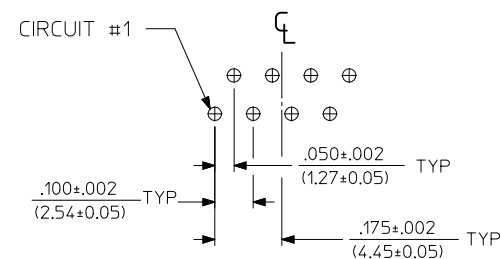
8 LOADED 2 DETAIL
SCALE: 4/1



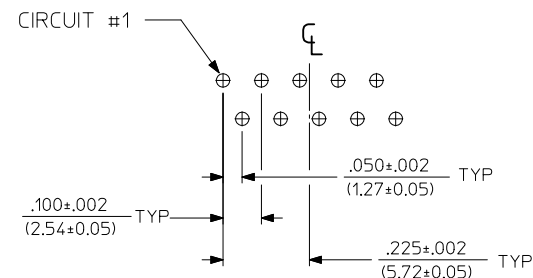
8 LOADED 4 DETAIL
SCALE: 4/1



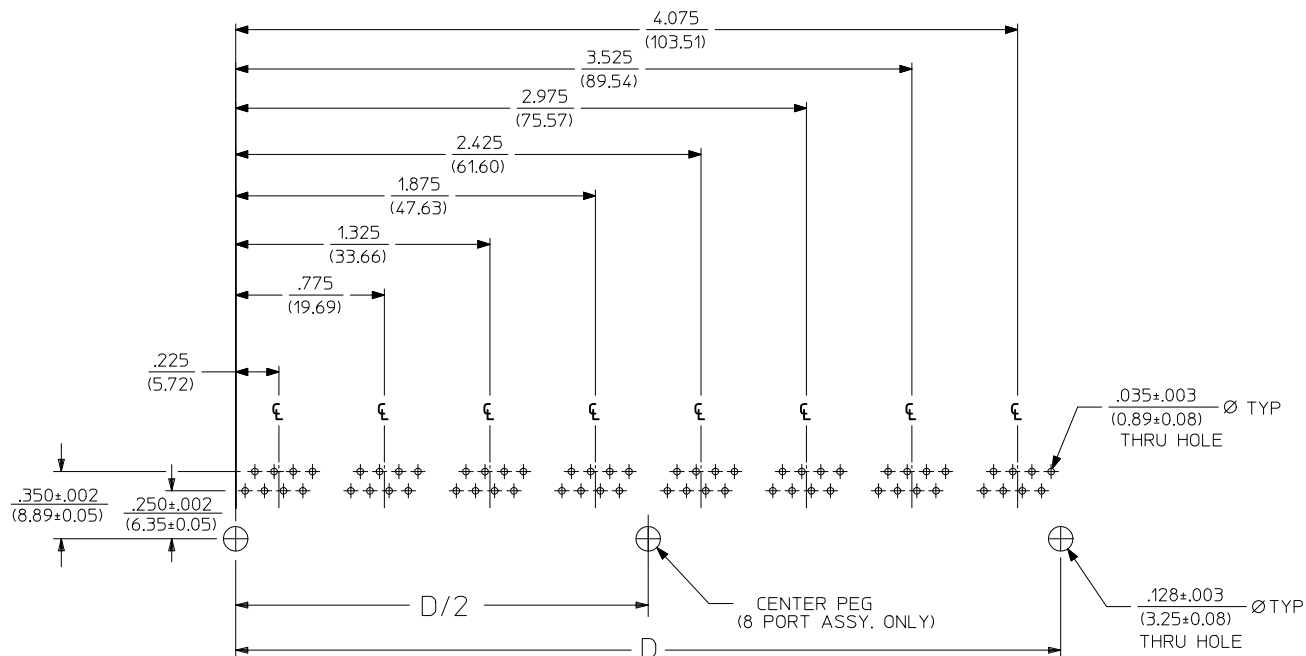
8 LOADED 6 DETAIL
SCALE: 4/1



8 LOADED 8 DETAIL
SCALE: 4/1



8 LOADED 10 DETAIL
SCALE: 4/1



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: UCP2009-0477	2008/09/05	DRWN:JBELL	2008/09/11	CHKD:JBELL	2008/09/11	APPR:FSMITH	2008/09/11
K1	REV	DESCRIPTION	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
DRAWN BY	JTR
DATE	1993/10/18
CHECKED BY	JTR
DATE	1993/10/18
APPROVED BY	RAS
DATE	1993/10/18
MATERIAL NO.	SEE SHT 3
SIZE	C

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	INCH	☉
TITLE		
LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY		
MOLEX INCORPORATED		
DOCUMENT NO.	SDA-43223	SHEET NO. 5 OF 6
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1