

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.

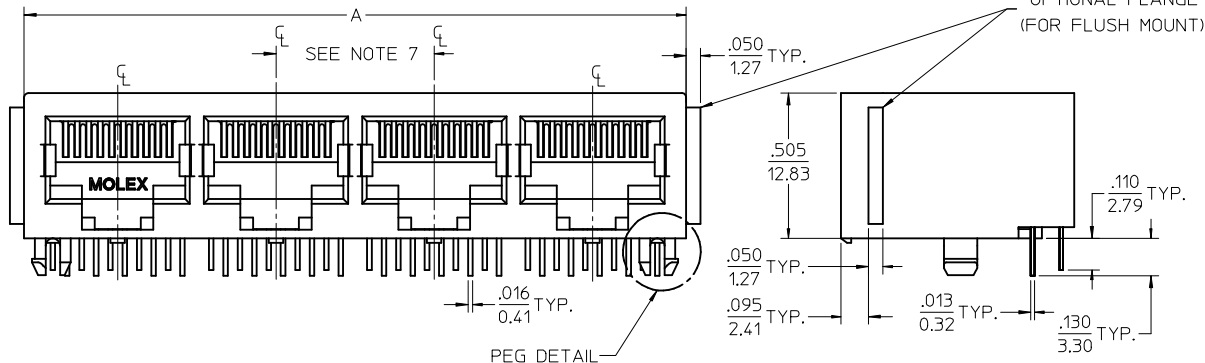
5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.

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.

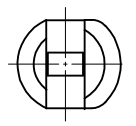
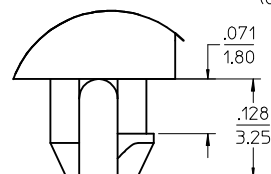
9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



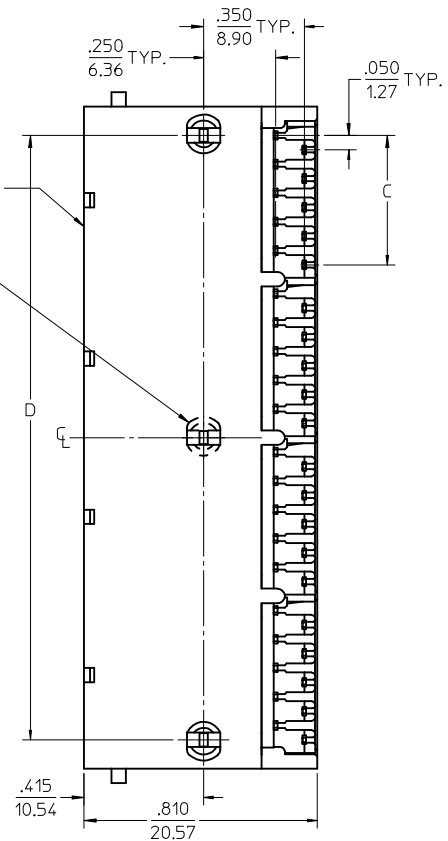
4 PORT 8 LOADED
10 JACK SHOWN

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)

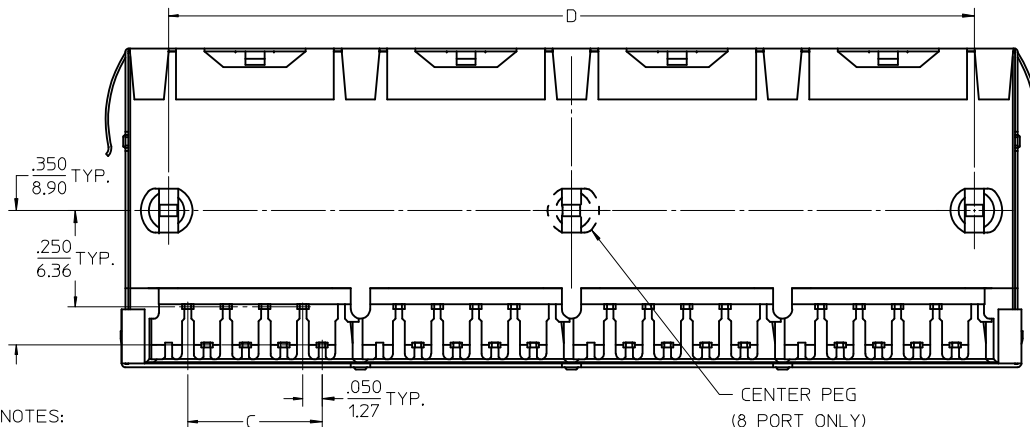
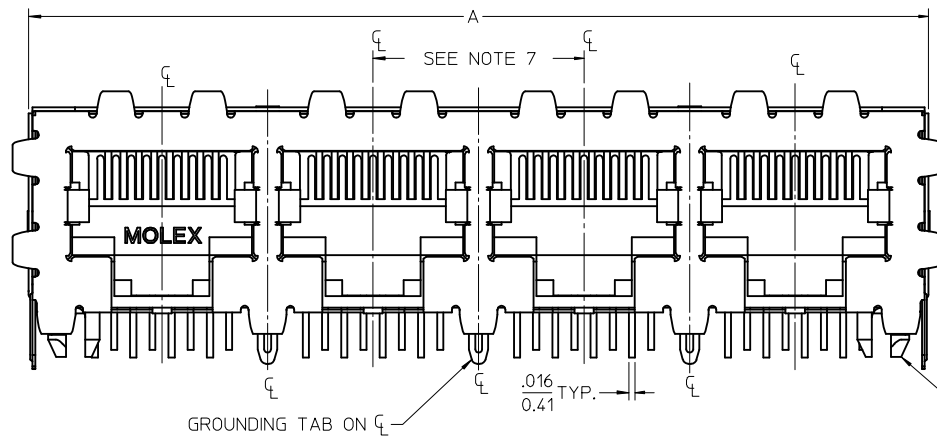
ADD PN 43223-6001
EC NO: UCP2017-0909
DRAWN: FENG02 2016/10/26
CHKD: APPR: KLANG 2016/10/28
REV: K3

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

SCALE 3:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION
TITLE
LOW PROFILE GANGED,
RIGHT ANGLE MODULAR JACK
ASSEMBLY
MOLEX MOLEX INCORPORATED
DOCUMENT NO. SDA-43223
SHEET NO. 1 OF 6



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.

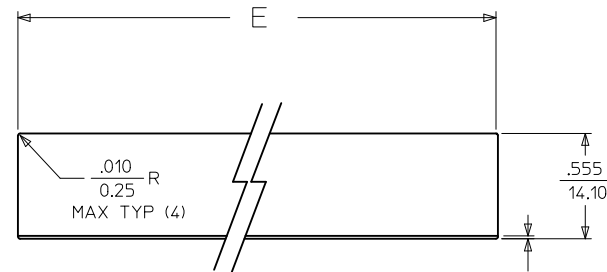
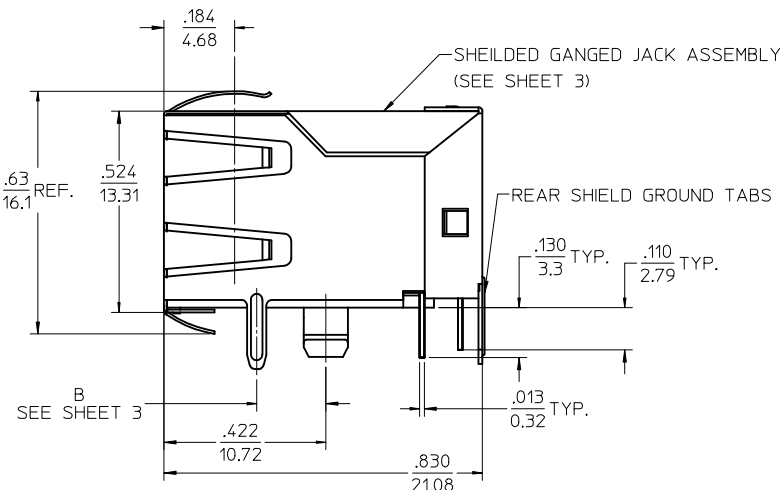
5) SEE SHEETS 4-6 FOR P.C. BOARD LAYOUTS.

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.

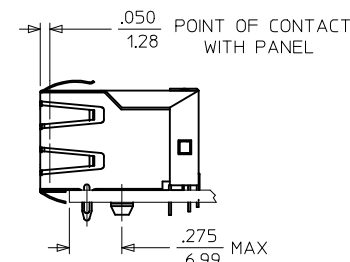
8) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

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: UCP2017-0909 DRAWN: AFENG02 2016/10/26 CHKD: CHKD: APPR: KLANG 2016/10/28 REV: K3	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 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 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX INCORPORATED SDA-43223	SHEET NO. 2 OF 6

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X= NOT TOOLED	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
X	43223-6004	6	6	3	↑	↑
X	43223-6007	6	6	4		
X	43223-6010	6	6	5		
X	43223-6013	6	6	6		
X	43223-6019	6	6	8		
X	43223-6022	6	4	2		
X	43223-6025	6	4	3		
X	43223-6028	6	4	4		
X	43223-6031	6	4	5		
X	43223-6034	6	4	6		
X	43223-6040	6	4	8		
X	43223-6043	6	2	2		
X	43223-6046	6	2	3		
X	43223-6049	6	2	4		
X	43223-6052	6	2	5		
X	43223-6055	6	2	6	↓	↓
X	43223-6058	6	2	8	TRAY	PK-43249-004

X	43223-8001	8	10	2	TRAY	PK-43249-004
X	43223-8004	8	10	3	↑	↑
X	43223-8007	8	10	4		
X	43223-8010	8	10	5		
X	43223-8013	8	10	6		
X	43223-8019	8	10	8		
X	43223-8022	8	8	2		
X	43223-8025	8	8	3		
X	43223-8028	8	8	4		
X	43223-8031	8	8	5		
X	43223-8034	8	8	6		
X	43223-8040	8	8	8		
X	43223-8041	8	4	5	↓	↓
X	43223-8042	8	6	3	TRAY	PK-43249-004

X= NOT TOOLED	FLANGELESS (SHIELDED)						
	ASSEMBLY NUMBER	DIMENSION "B"	CONNECTOR SIZE	NUMBER OF CIRCUITS	NUMBER OF PORTS	NUMBER OF REAR SHIELD GROUND TABS	PACKAGING STYLE
	43223-8128	.180	8	8	2	1	TRAY
	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	↓
X	43223-8188	.180	8	8	4	1	↓
X	43223-8194	.180	8	2	8	7	TRAY

X	43223-8301	.145	8	8	2	1	TRAY
X	43223-8302	.145	8	8	4	3	↑
X	43223-8303	.145	8	8	6	5	↑
X	43223-8304	.145	8	8	8	7	↑
X	43223-8305	.145	8	8	8	1	↓
X	43223-8306	.145	8	8	4	1	↓
X	43223-8307	.145	8	2	8	7	TRAY

SNAP FIT PEG VERSIONS

SEE SHEET 1
EC NO: UCP2017-0909
DRAWN: AFENG02 2016/10/26
CHKD: APPR: KLANG 2016/10/28
REV DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0015
2 PLACES	± .005	± .005
1 PLACE	± .005	± .005
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 CHARTSIZE
C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSIONSCALE
2:1DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

LOW PROFILE GANGED,
RIGHT ANGLE MODULAR JACK
ASSEMBLY

MOLEX MOLEX INCORPORATED

DOCUMENT NO.
SDA-43223SHEET NO.
3 OF 6

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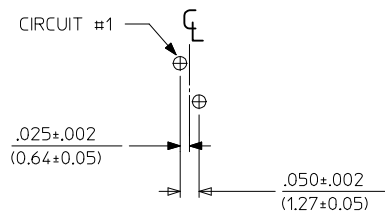
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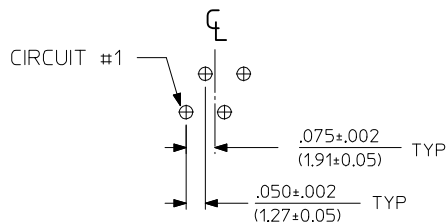
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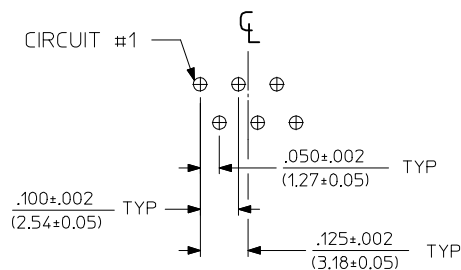
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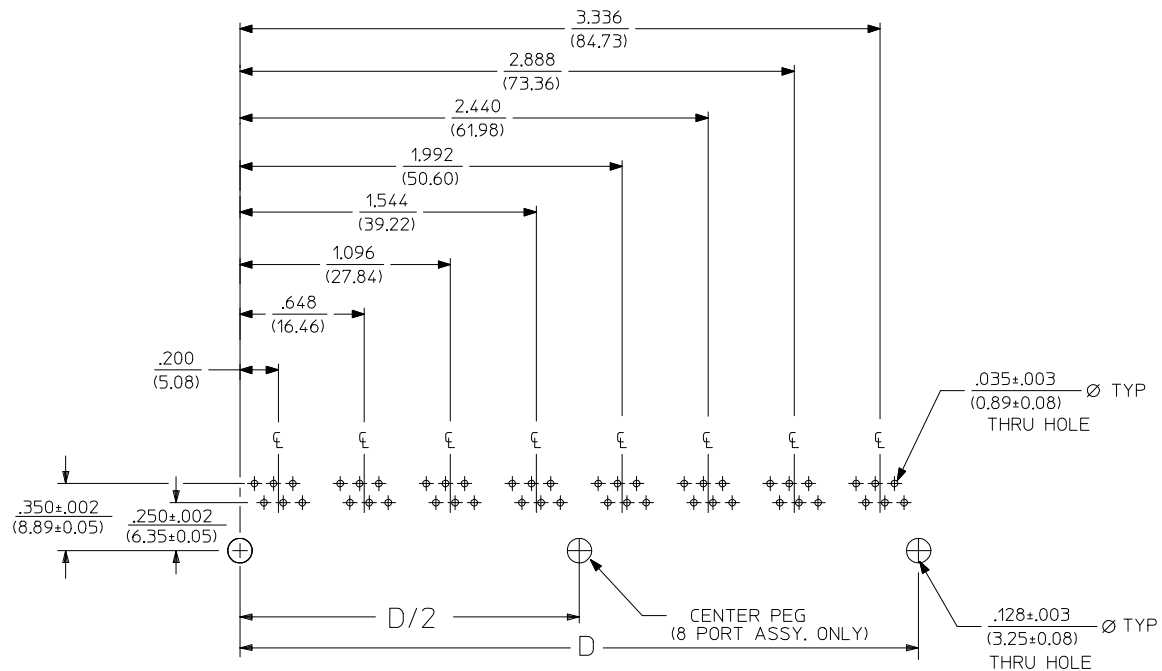
6 LOADED 2 DETAIL
SCALE: 4/1



6 LOADED 4 DETAIL
SCALE: 4/1



6 LOADED 6 DETAIL
SCALE: 4/1



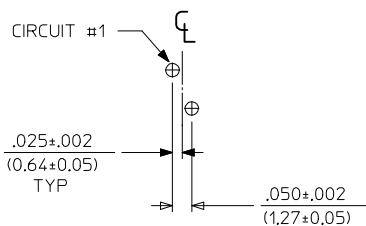
SUGGESTED P.C. BOARD LAYOUT
COMPONENT SIDE OF BOARD
8 PORT, 6 LOADED 6, LAYOUT SHOWN
(SNAP-FIT VERSIONS)

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

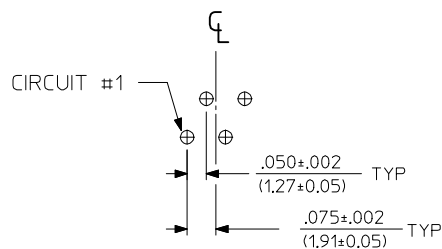
NUMBER OF PORTS	DIM. D
2	.848 (21.54)
3	1.296 (32.92)
4	1.744 (44.30)
5	2.192 (55.68)
6	2.640 (67.06)
8	3.536 (89.81)

SEE SHEET 1	EC NO: UCP2017-0909	2016/10/26
DRWNAFENG02	CHKD: APPR:KLANG	2016/10/28
REV	DESCRIPTION	
K3		

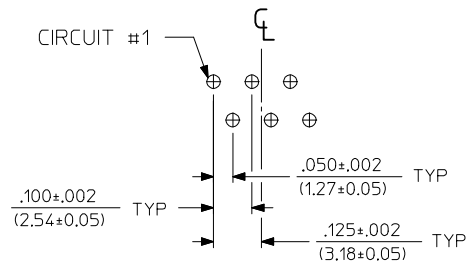
GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	mm	INCH	DRAWN BY	DATE	TITLE LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX MOLEX INCORPORATED		
4 PLACES	± ---	± ---	JTR	1993/10/18			
3 PLACES	± ---	± .015	CHECKED BY	DATE			
2 PLACES	± 0.38	± ---	JTR	1993/10/18			
1 PLACE	± ---	± ---	APPROVED BY	DATE			
ANGULAR ±1/2°			RAS	1993/10/18	DOCUMENT NO. SDA-43223		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE SHT 3				
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



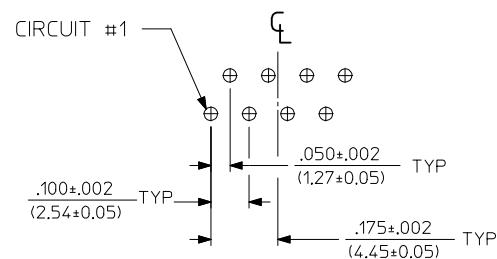
8 LOADED 2 DETAIL
SCALE: 4/1



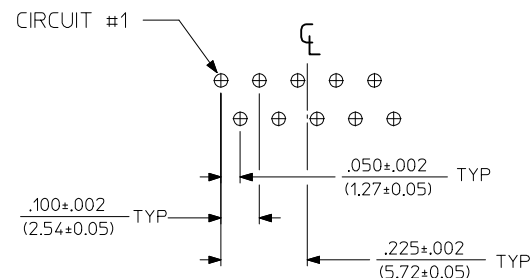
8 LOADED 4 DETAIL
SCALE: 4/1



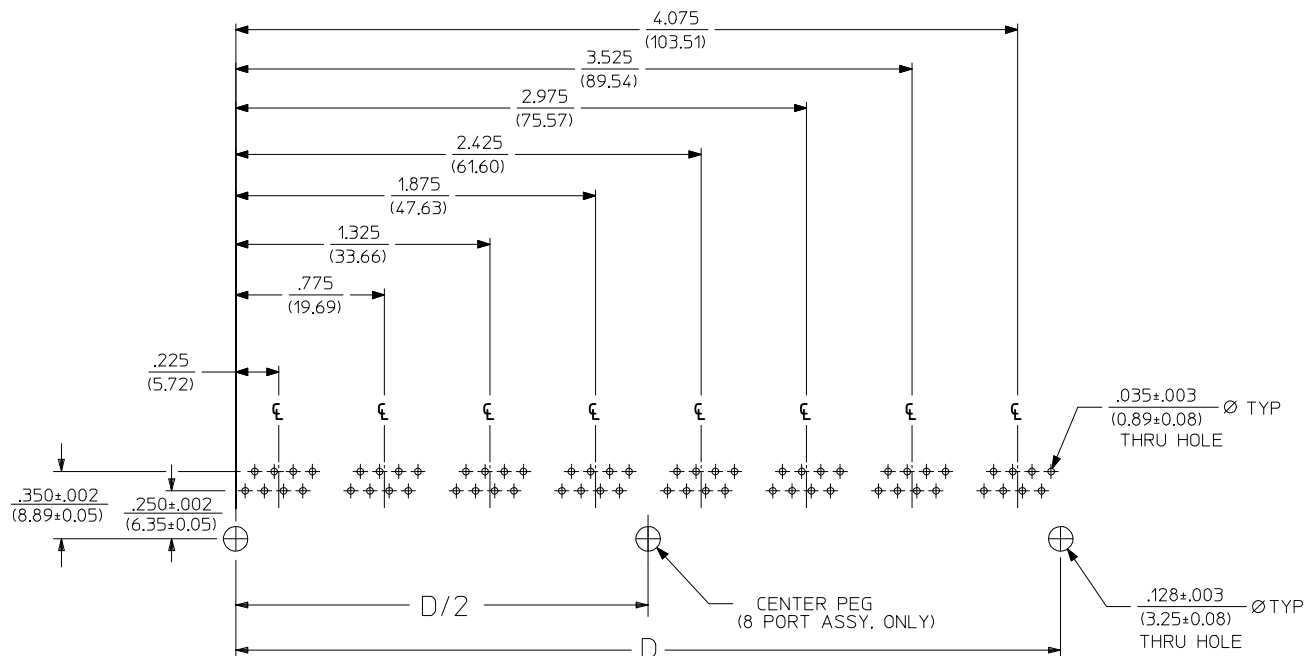
8 LOADED 6 DETAIL
SCALE: 4/1



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)

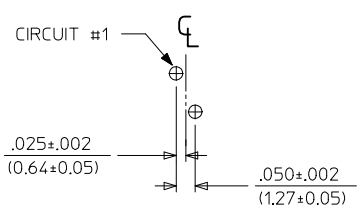
NUMBER OF PORTS	DIM. D
2	1.000 (25.40)
3	1.550 (39.37)
4	2.100 (53.34)
5	2.650 (67.31)
6	3.200 (81.28)
8	4.300 (109.32)

SEE SHEET 1	EC NO: UCP2017-0909	2016/10/26
DRWN:AFENG02	CHKD:	APPR:KLANG
REV	DESCRIPTION	REV
K3		

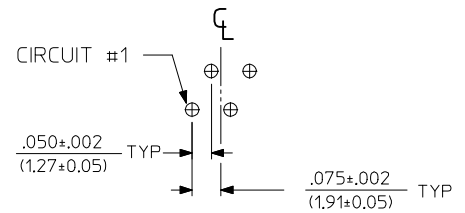
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽=0	
▽=0	
	ANGULAR ±1/2°
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
IN/MM	2:1	INCH
DRAWN BY	DATE	
JTR	1993/10/18	
CHECKED BY	DATE	
JTR	1993/10/18	
APPROVED BY	DATE	
RAS	1993/10/18	
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE SHT 3	SDA-43223	5 OF 6

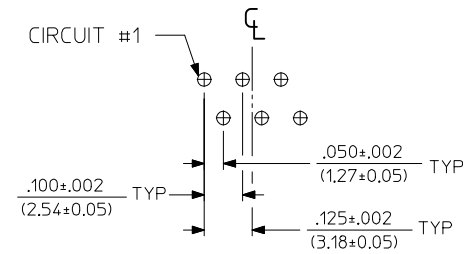
TITLE	THIRD ANGLE PROJECTION
LOW PROFILE GANGED, RIGHT ANGLE MODULAR JACK ASSEMBLY	
MOLEX INCORPORATED	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



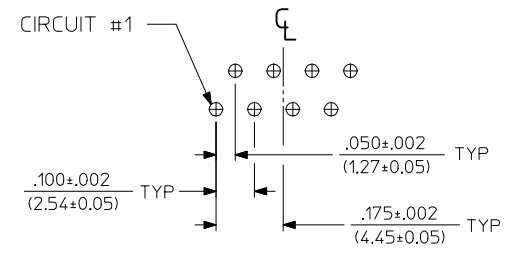
8 LOADED 2 DETAIL
SCALE: 4/1



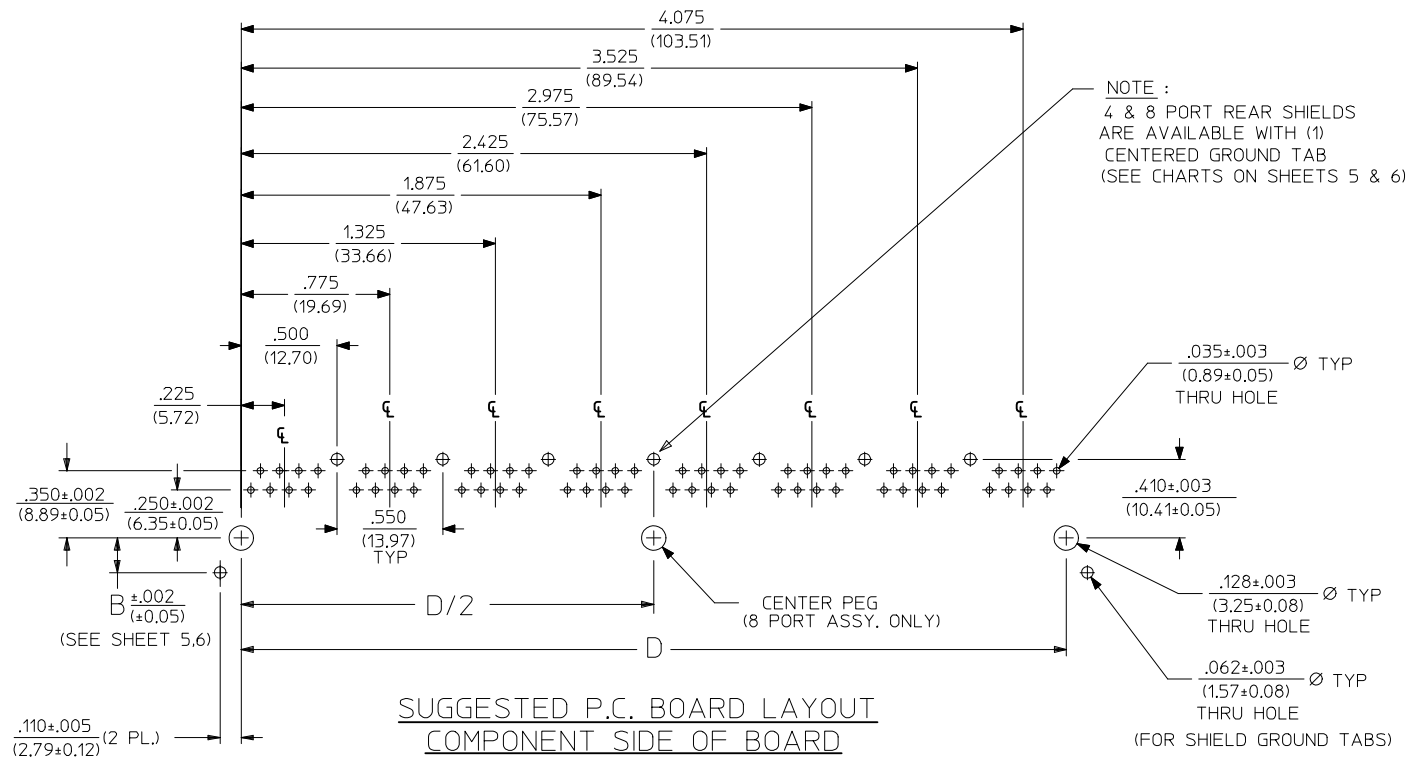
8 LOADED 4 DETAIL
SCALE: 4/1



8 LOADED 6 DETAIL
SCALE: 4/1



8 LOADED 8 DETAIL
SCALE: 4/1



NOTE :
4 & 8 PORT REAR SHIELDS
ARE AVAILABLE WITH (1)
CENTERED GROUND TAB
(SEE CHARTS ON SHEETS 5 & 6)

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: UCP2017-0909 DRAWN: FENG02 2016/10/26 CHKD: APPR: KLANG 2016/10/28 REV	QUALITY SYMBOLS ▽=0 ▽=0
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GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .005	± .0005
3 PLACES ± .008	± .0010
2 PLACES ± .010	± .0015
1 PLACE ± .015	± .0020
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.	
SIZE	

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