

NOTES:

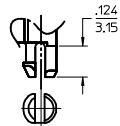
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICRONS(127 MICROMETERS) MIN.
SELECT TIN IN PC TAIL AREA: 100 MICRONS(254 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS(127 MICROMETERS) MIN.
- 3) PRECISION SPECIFICATION AND PROCESSING PARAMETERS: P5-43860-003.
- 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.
- 5) APPLICATION SPECIFICATION: A438601-001
- 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 8) MOLE JACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
THIS DRAWING SHOWS SNAP-FIT PEGS.
- 9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
- 10) ALL FIT CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION 434599-002.

UNSHIELDED
WITH LIGHT PIPES

8 CIRCUIT HOUSING(S)						
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM A-	DIM B-	DIM C-
44248-0001	8	2	SNAP-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0002	8	4	SNAP-FIT	2.490/63.25	2.360/59.94	.469/11.92
44248-0005	8	2	PRESS-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0006	8	4	PRESS-FIT	2.490/63.25	2.360/59.94	.469/11.92

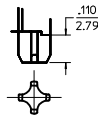
6 CIRCUIT HOUSING(S)						
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0009	6	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0010	4	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0011	6	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0012	4	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0017	6	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0018	4	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0019	6	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0020	4	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88

ADD TAIL TO EC NO. IJCT2013-4879 DRAWING NGUYEN CHICK-BELL APPROV: BELL 2013/05/08 2013/05/09 2013/06/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± mm INCH	DRAWN BY MAYMO	DATE 98/10/06	TITLE	GANGED INVERTED MODJACK ASSEMBLY molex SD-44248-001		
	▽=0	3 PLACES ± .010	CHECKED BY JROBERTS	DATE 98/10/06				
	▽=0	2 PLACES ± 0.25	APPROVED BY JROBERTS	DATE 98/10/06				
		1 PLACE ±	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
		0 PLACE ±	SEE CHART		1 OF 6			
		ANGULAR ±1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX					
		DRAFT WHERE APPLICABLE MUS. REMAIN WITHIN DIMENSIONS	AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



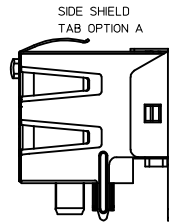
(SNAP-FIT PEG OPTION)

SCALE: NTS
SEE NOTE #8

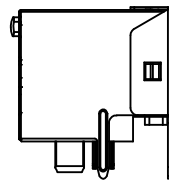


(PRESS-FIT PEG OPTION)

SCALE: NTS
SEE NOTE #8



SIDE SHIELD
TAB OPTION B

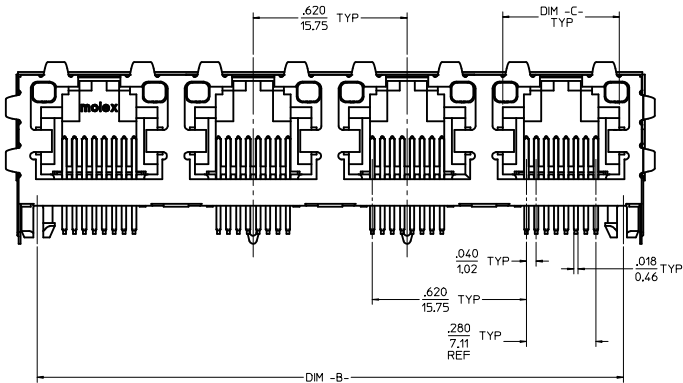
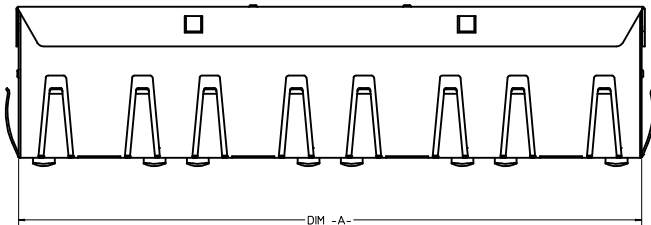


(8) CIRCUIT HOUSING(S)

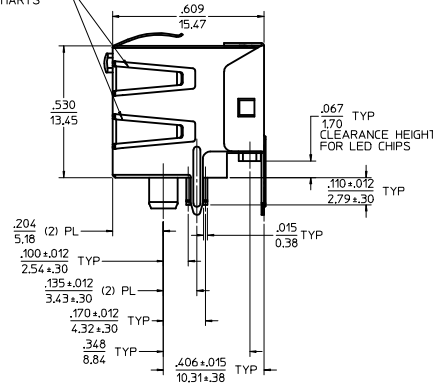
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
44248-0029	8	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
44248-0030	8	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
44248-0033	8	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
44248-0034	8	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.469/11.92

(6) CIRCUIT HOUSING(S)

ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
44248-0037	6	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0038	4	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0039	6	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0040	4	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0045	6	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0046	4	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0047	6	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0048	4	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88



OPTIONAL SIDE
SHIELD TABS
SEE CHARTS

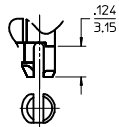


NOTES:

- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94V2, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICRONS (1.27 MICROMETERS) MIN.
SELECT TIN IN PC TAIL AREA: 100 MICRONS (2.54 MICROMETERS) MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS (1.27 MICROMETERS) MIN.
SHIELD:
100 MICRONS (2.54 MICROMETERS) NICKEL OVER 50 MICRONS (1.27 MICROMETERS) COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
- 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.
- 5) APPLICATION SPECIFICATION: AS-43860-001
- 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 8) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
- 9) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
- 10) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

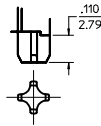
SHIELDED
WITH LIGHT PIPES

SEE SHEET 1 EC NO: UJCP2013-4879 COPPER WIRE CHUCK BELL APPROXIMATE REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY MMAYO	DATE 98/10/06	TITLE GANGED INVERTED MODJACK ASSEMBLY		
	▽=0	±---	±.010	CHECKED BY	DATE			
	▽=0	±0.25	±---	JROBERTS	98/10/06			
	▽=0	±---	±---	APPROVED BY	DATE			
		0 PLACE	±	JROBERTS	98/10/06	molex		
	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44248-001			SHEET NO. 2 OF 6
			SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



SNAP-FIT PEG OPTION

SCALE: NTS
SEE NOTE #7



PRESS-FIT PEG OPTION

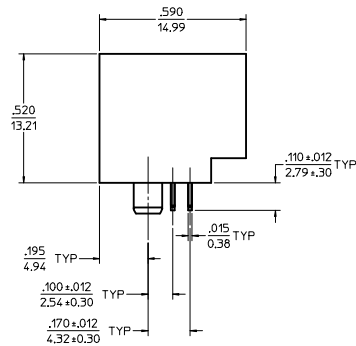
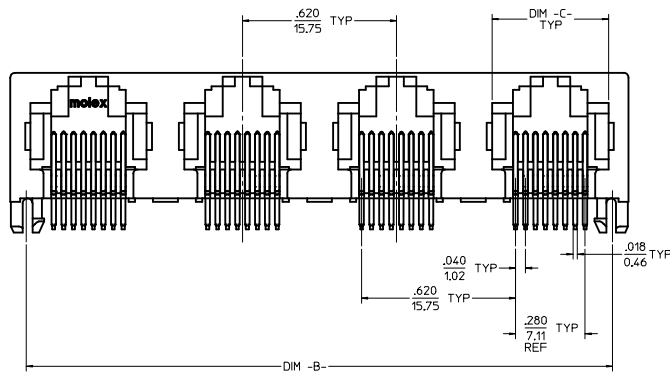
SCALE: NTS
SEE NOTE #7

8 CIRCUIT HOUSING(S)

ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0057	8	2	SNAP-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0058	8	4	SNAP-FIT	2.490/63.25	2.360/59.94	.469/11.92
44248-0061	8	2	PRESS-FIT	1.250/31.75	1.120/28.45	.469/11.92
44248-0062	8	4	PRESS-FIT	2.490/63.25	2.360/59.94	.469/11.92

6 CIRCUIT HOUSING(S)

ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0065	6	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0066	4	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0067	6	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0068	4	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0073	6	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0074	4	2	PRESS-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0075	6	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0076	4	4	PRESS-FIT	2.490/63.25	2.360/59.94	.389/9.88

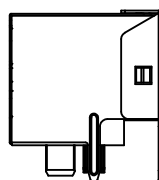
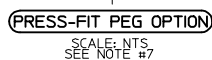
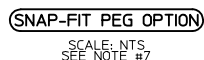


- NOTES:
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
 - 2) FINISH:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (127 MICROMETERS) MIN.
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (254 MICROMETERS) MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES (127 MICROMETERS) MIN.
 - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
 - 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-44248-004.
 - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
 - 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 7) MODJACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
THIS DRAWING SHOWS SNAP-FIT PEGS.
 - 8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
 - 9) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

UNSHIELDED

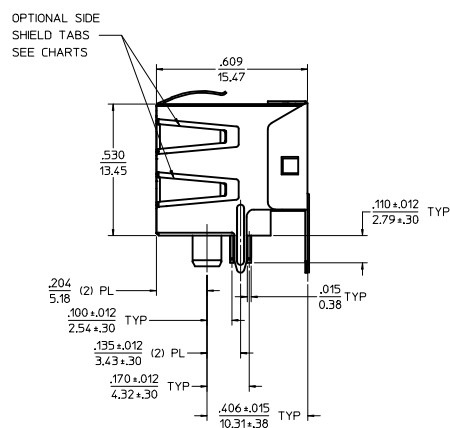
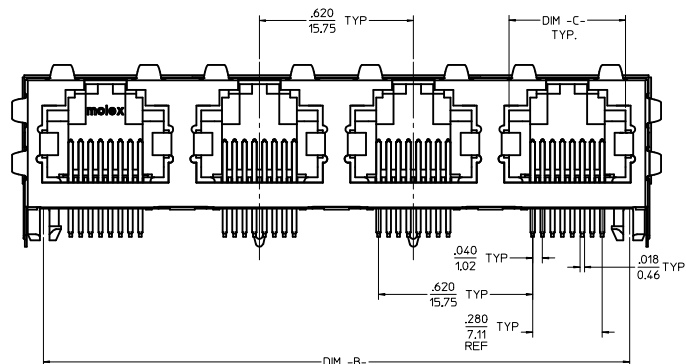
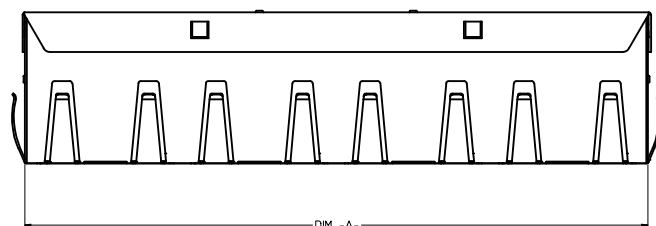
SEE SHEET 1 IEC NO: UCP 2013-4879 DRAWN BY: CHYD:J.BELL 2013/05/09 APPROVED BY: TH 2013/06/07	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.010 3 PLACES ±.025 2 PLACES ±.050 1 PLACE ±.100 0 PLACE ±.150 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY: M.MAYO DATE: 98/10/06 CHECKED BY: J.ROBERTS DATE: 98/10/06 APPROVED BY: J.ROBERTS DATE: 98/10/06	SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE GANGED INVERTED MODJACK ASSEMBLY	molex	DOCUMENT NO. SD-44248-001	SHEET NO. 3 OF 6

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



(8) CIRCUIT HOUSING(S)								
X = NOT TOOLED	ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
	44248-0085	8	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
	44248-0086	8	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
	44248-0089	8	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.469/11.92
	44248-0090	8	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.469/11.92
X	44248-0119	8	4	PRESS FIT	B	2.514/63.86	2.360/59.94	.469/11.92

(6) CIRCUIT HOUSING(S)							
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
44248-0093	6	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0094	4	2	SNAP-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0095	6	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0096	4	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0101	6	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0102	4	2	PRESS-FIT	A	1.274/32.36	1.120/28.45	.389/9.88
44248-0103	6	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
44248-0104	4	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88



NOTES:

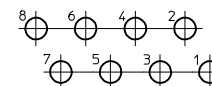
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 2) FINISH:
TERMINAL S:
SELECT GOLD IN CONTACT AREA: 50 MICRONS (127 MICROMETERS) MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICRONS (254 MICROMETERS) MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS (127 MICROMETERS) MIN.
SHIELD:
100 MICRONS (254 MICROMETERS) NICKEL OVER 50 MICRONS (127 MICROMETERS)
COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
- 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLY IN THERMOFORMED TRAYS PER MOLEX PACKAGING
SPECIFICATION PK-44248-004.
- 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
- 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
- 7) MOD JACKS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
THIS DRAWING SHOWS SNAP-FIT PEGS.
- 8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEETS (5) AND (6).
- 9) THIS PACK CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45492-002.

(SHIELDED)

SEE SHEET 1 EC NO. UC72013-4879 DRWING:NGUYEN CHKD: BELL APPR:F.S.H 2013/05/09 2013/05/09 2013/06/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	4:1	INCH	
	▽=0	4 PLACES	±	±	MMAYO	98/10/06	GANGED INVERTED MODJACK ASSEMBLY		
	▽=0	3 PLACES	±	±	CHECKED BY	DATE			
	▽=0	2 PLACES	±	±	JOBERTS	98/10/06			
	▽=0	1 PLACE	±	±	APPROVED BY	DATE			
	▽=0	0 PLACE	±	±	JOBERTS	98/10/06			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44248-001		SHEET NO. 4 OF 6
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



NUMBER OF PORTS	DIM -B-	DIM -C-
2	1,120/28.45	1,280/32.51
4	2,360/59.94	2,520/64.01



TYPICAL PC TERMINAL HOLE LAYOUT
(8) CIRCUIT CONFIGURATION
SCALE: 10:1

NOTES:

- 1) DIMENSIONS MARKED "SEE NOTE #1" REFER TO ASSEMBLIES WITH THE SHIELDING OPTION INCLUDED
- 2) DIMENSIONS MARKED "SEE NOTE #2" REFER TO ASSEMBLIES WITH THE LIGHT PIPE OPTION INCLUDED
- 3) FOR CROSS REFERENCE OF RECOMMENDED LEDS SEE MOLEX WEB SITE.

SEE SHEET 1 EC NO: UCT2013-4879 DIRMANGUEN CHKD: BELL APPR: FSNTH 2013/05/09 2013/05/09 2013/06/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE	GANGED INVERTED MODJACK ASSEMBLY 
	▽=0	3 PLACES	---	±.010	CHECKED BY	DATE		
	▽=0	2 PLACES	0.25	---	JROBERTS	98/10/06		
		1 PLACE	---	---	APPROVED BY	DATE		
		0 PLACE	---	---	JROBERTS	98/10/06		
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUS REMAIN WITHIN DIMENSIONS		N/A		SD-44248-001		5 OF 6
				SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

