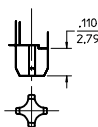


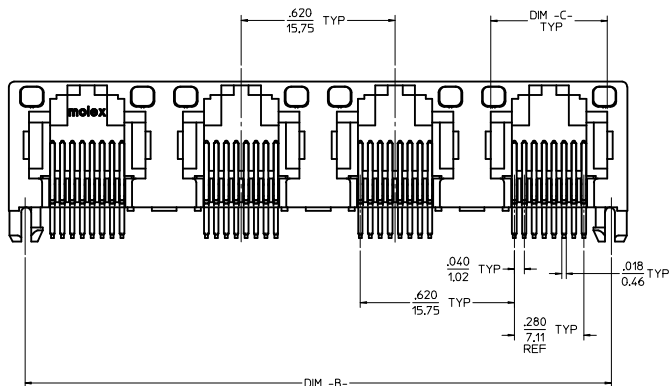
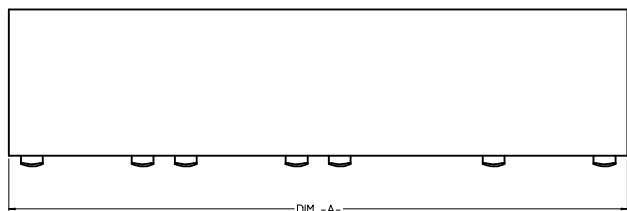
(SNAP-FIT PEG OPTION)

SCALE: NTS
SEE NOTE #8

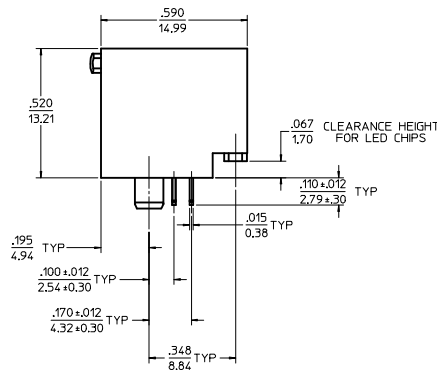


(PRESS-FIT PEG OPTION)

SCALE: NTS
SEE NOTE #8



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

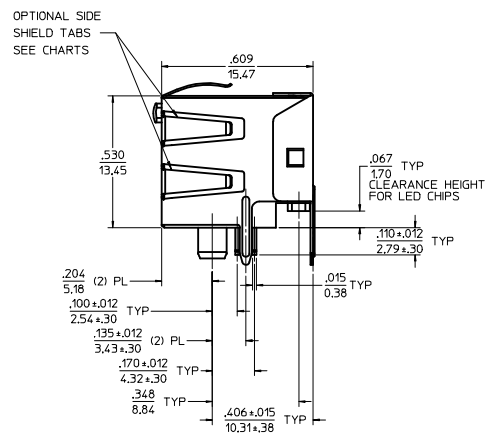
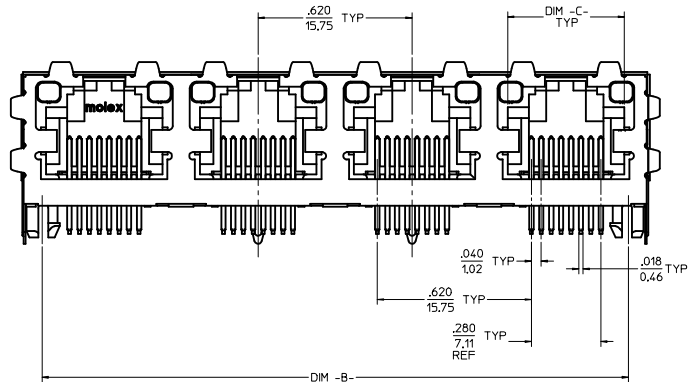
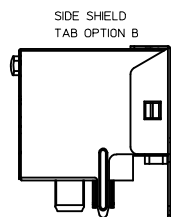
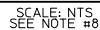
6 CIRCUIT HOUSING(S)

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

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) 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. THIS DRAWING SHOWS SNAP-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.

ADD TAIL TOL IEC NO: UCP2013-4879 DRAWN BY: 2013/05/09 CHKD: IBELL 2013/05/09 APPROV: F5MTH 2013/06/07 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.010 3 PLACES ±.010 2 PLACES ±.025 1 PLACE ±.010 0 PLACE ±.010 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY: DATE MMAYO 98/10/06 CHECKED BY: DATE JROBERTS 98/10/06 APPROVED BY: DATE JROBERTS 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. 1 OF 6

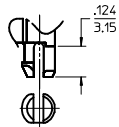


(6) CIRCUIT HOUSING(S)							
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
44248-0037	6	2	SNAP-FIT	A	1,274/32,36	1,120/28,45	.389/9,88
44248-0038	4	2	SNAP-FIT	A	1,274/32,36	1,120/28,45	.389/9,88
44248-0039	6	4	SNAP-FIT	A	2,514/63,86	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

- 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 (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-3860-003.
 - 4) PACKAGING SPECIFICATION:
CONNECTOR ASSEMBLY IN THERMOFORMED TRAYS PER MOLEX PACKAGING
SPECIFICATION PC-44228-004.
 - 5) APPLICATION SPECIFICATION: AS-43600-001
 - 6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
THIS CONFORMS TO THE REGULATION PART 4.6.5 FOR MOD JACKS.
 - 7) MOD 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).
THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

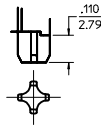
SHIELDED
WITH LIGHT PIPES

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



SNAP-FIT PEG OPTION

SCALE: NTS
SEE NOTE #7



PRESS-FIT PEG OPTION

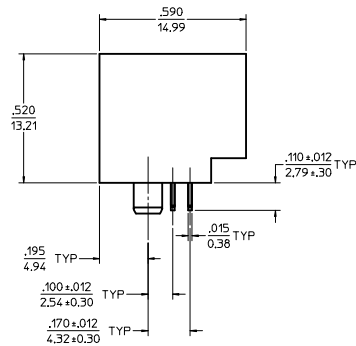
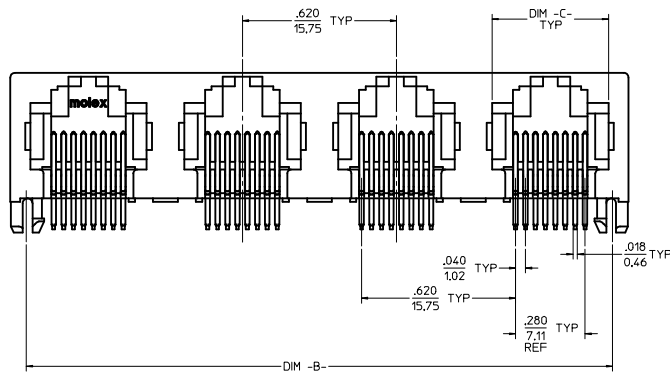
SCALE: NTS
SEE NOTE #7

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)

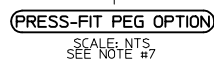
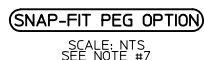
ASSEMBLY MATERIAL NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	DIM -C-
44248-0065	6	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0066	4	2	SNAP-FIT	1.250/31.75	1.120/28.45	.389/9.88
44248-0067	6	4	SNAP-FIT	2.490/63.25	2.360/59.94	.389/9.88
44248-0068	4	4	SNAP-FIT	2.490/63.25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

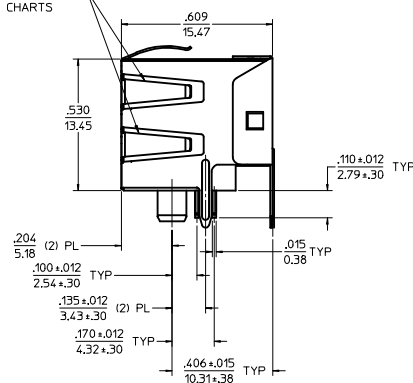
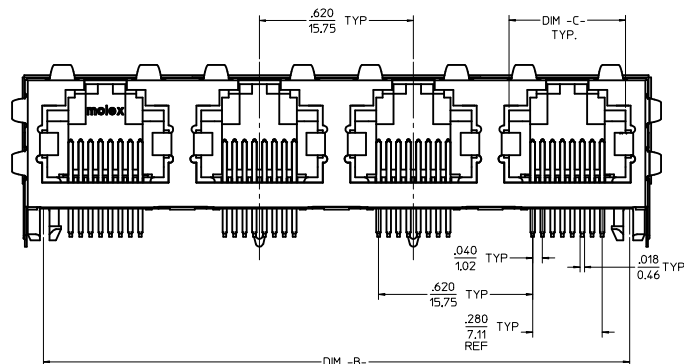
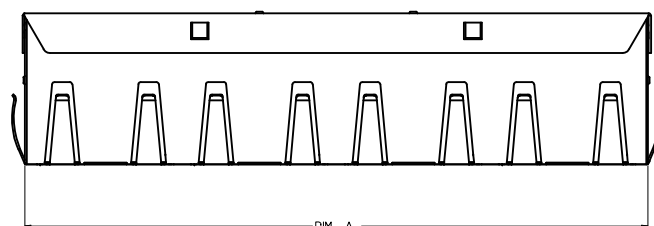
UNSHIELDED

SEE SHEET 1 IEC NO: UCP 2013-4879 DRAWN BY: CHYD-BELL CHECKED BY: APPR:FSM TH 2013/05/09 2013/05/09 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 CHECKED BY: J ROBERTS APPROVED BY: J ROBERTS DATE: 98/10/06 DATE: 98/10/06 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



(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 NUMBER	NUMBER OF CIRCUITS	NUMBER OF PORTS	PEG STYLE	SIDE SHIELD TAB OPTION	DIM -A-	DIM -B-	DIM -C-
42248-0093	6	2	SNAP-FIT	A	1274/32.36	1120/28.45	.389/9.88
42248-0094	4	2	SNAP-FIT	A	1274/32.36	1120/28.45	.389/9.88
42248-0095	6	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
42248-0096	4	4	SNAP-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
42248-0101	6	2	PRESS-FIT	A	1274/32.36	1120/28.45	.389/9.88
42248-0102	4	2	PRESS-FIT	A	1274/32.36	1120/28.45	.389/9.88
42248-0103	6	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88
42248-0104	4	4	PRESS-FIT	A	2.514/63.86	2.360/59.94	.389/9.88



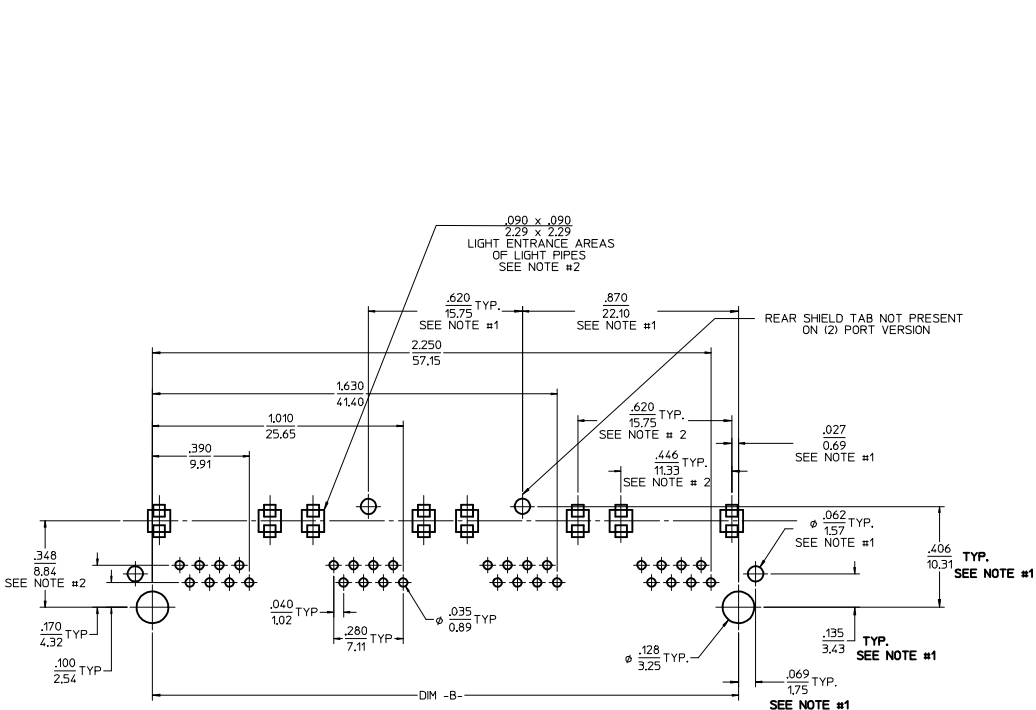
NOTES:

- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0. COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
- 2) FINISH:
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-442248-004.
- 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 PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

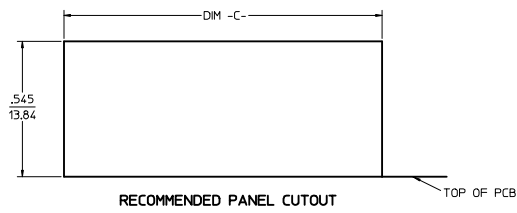
(SHIELDED)

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

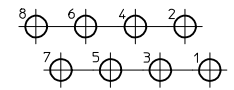
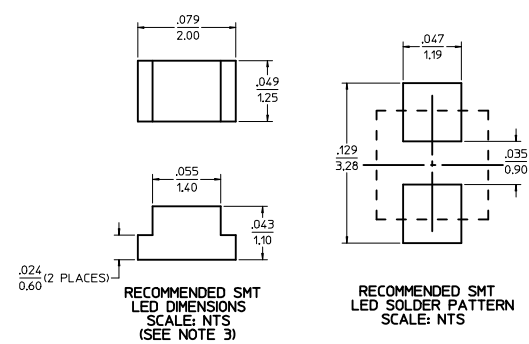
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



8 CIRCUIT PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/157
TOLERANCE $\pm .003/.076$ UNLESS OTHERWISE SPECIFIED



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



- 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: UCP2013-4879 DRAWN: NGUYEN CHKD: BELL APPR: FSN TH REV 2013/05/09 2013/05/09 2013/06/07	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 4:1		DESIGN UNITS INCH		 THIRD ANGLE PROJECTION
CS	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm		INCH		DRAWN BY DATE		TITLE		GANGED INVERTED MODJACK ASSEMBLY	
			4 PLACES ±		±		MMAYO 98/10/06					
			3 PLACES ±		± .010		CHECKED BY DATE					
			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.				
				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						

