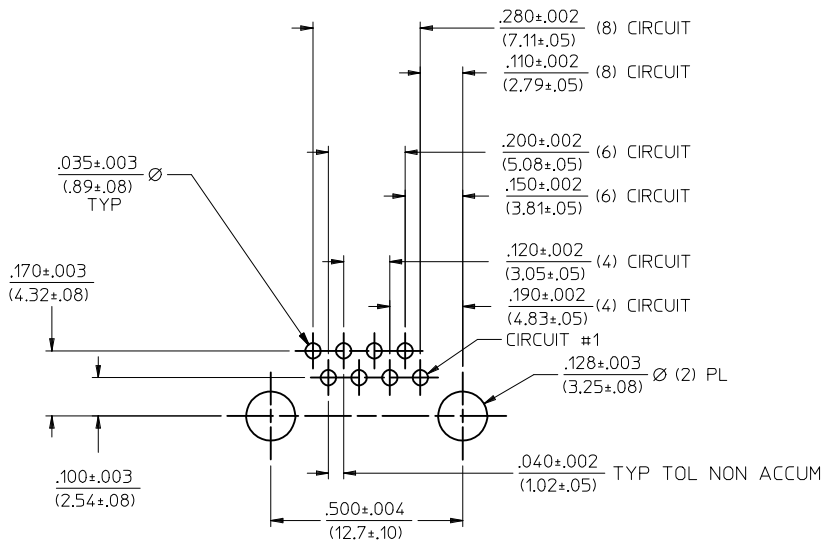
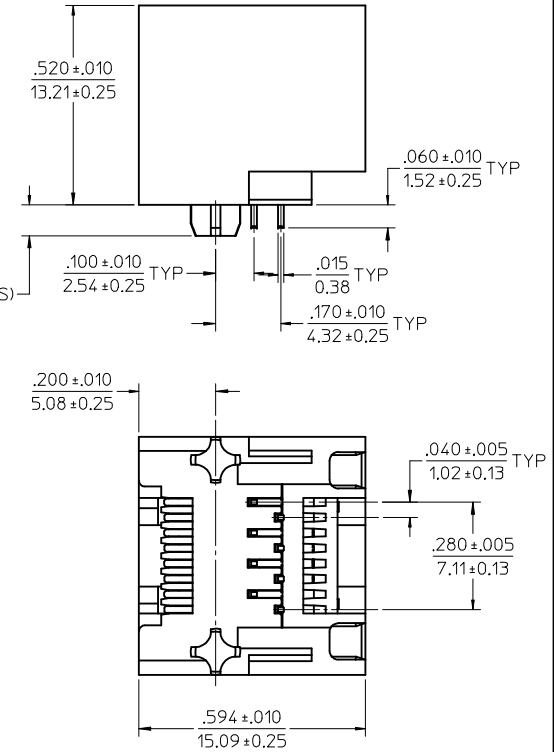
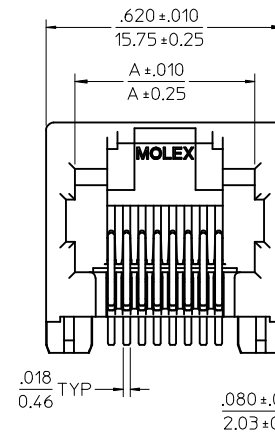


NOTES

- 1) MATERIAL:
HOUSING: GLASS FILLED NYLON, 94V-0 COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .015/(0.38) THICK
SHIELD: BRASS
- 2) PLATING:
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.
- 3) PRODUCT SPECIFICATION:
CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003
- 4) PACKAGING OPTIONS:
CONNECTOR ASSEMBLIES IN EXTRUDED TUBES
PER PACKAGING SPECIFICATION PK-43860-004
- 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR
REFERENCE ONLY
- 6) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS.
- 7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



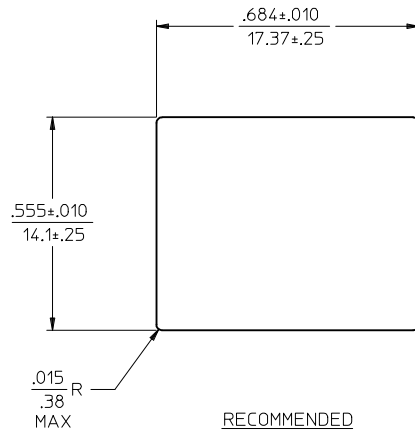
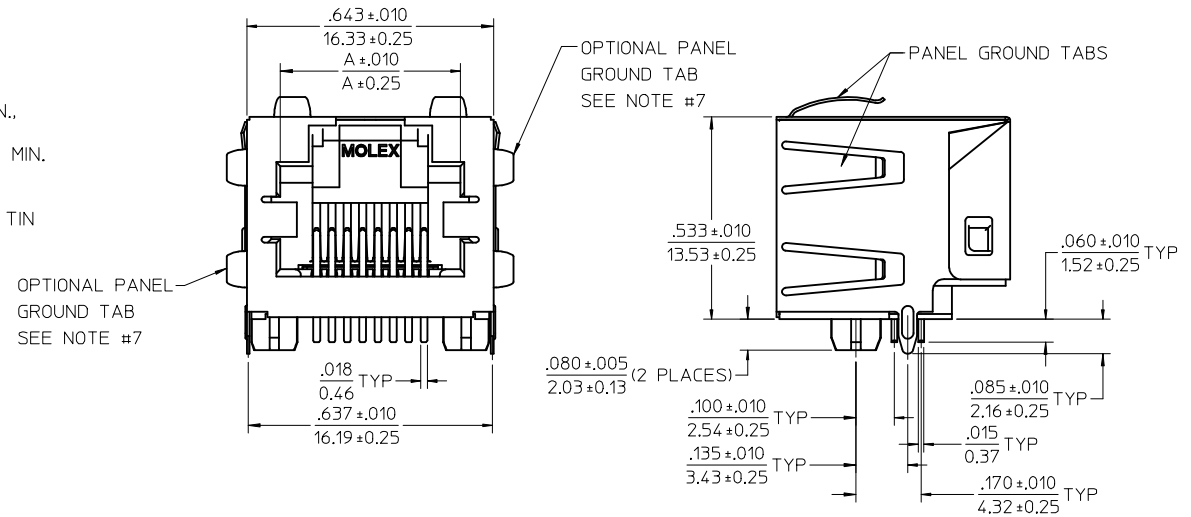
PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PC BOARD THICKNESS .039/1.00

MATERIAL NUMBER	CONNECTOR SIZE	DIM. "A"	CIRCUITS
44380-0001	8	.470/11.94	8
44380-0002	6	.389/9.88	6
44380-0003	6	.389/9.88	4
44380-0019	8	.470/11.94	4

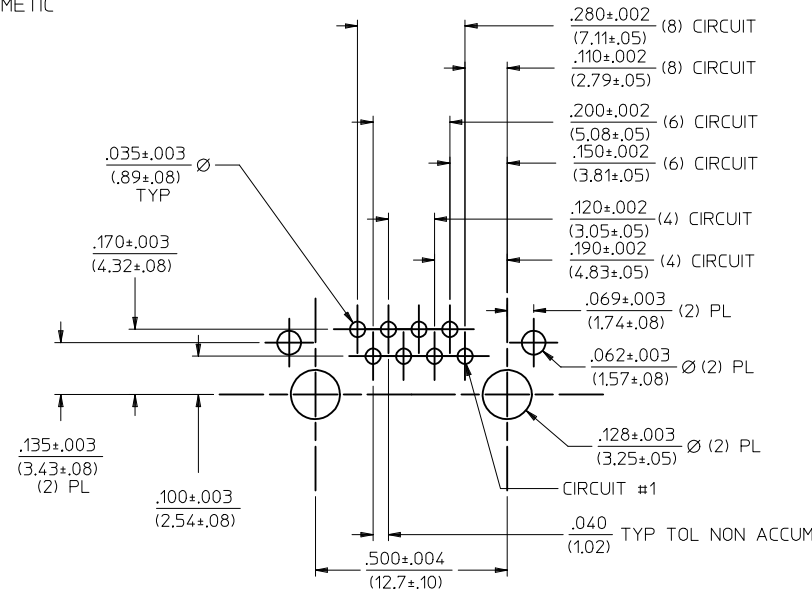
UPDATE VIEWS EC NO: UCP2015-0148 2014/07/16 DRW:NGUYEN 2014/07/16 CHKD:JBELL 2015/05/19 APPR:FSMITH	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY MAYO	DATE 1999/04/09	TITLE INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT)	
			4 PLACES	± ---	± ---	CHECKED BY ROBERTS	DATE 1999/04/09		
			3 PLACES	± ---	± ---	APPROVED BY ROBERTS	DATE 1999/04/09		
			2 PLACES	± ---	± ---	MATERIAL NO. DOCUMENT NO. SD-44380-001			
			1 PLACE	± ---	± ---				
			0 PLACE	±		SHEET NO. 1 OF 5			
			ANGULAR ±1/2°		SEE CHART				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

NOTES

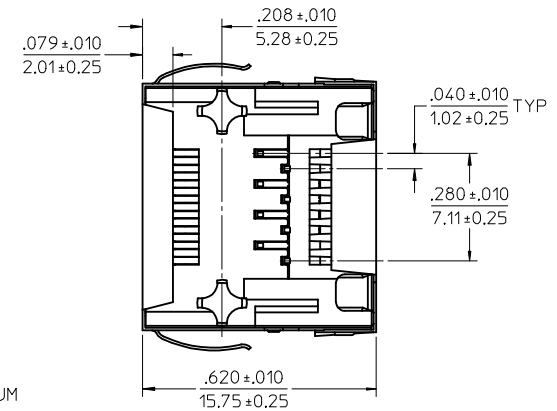
- 1) MATERIAL:
HOUSING: GLASS FILLED NYLON, 94V-0 COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .015/(0.38) THICK
SHIELD: BRASS
- 2) PLATING:
TERMINALS:
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,
WITH OVERALL NICKEL 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:
CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003
- 4) PACKAGING OPTIONS:
CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS
PER PACKAGING SPECIFICATION PK-44380-005
OPTION (44380-2004) PACKAGED IN TAPE AND REEL
- 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY
- 6) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS
- 7) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS
OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
- 8) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



RECOMMENDED
PANEL
OPENING



PC BOARD LAYOUT
COMPONENT SIDE OF BOARD
RECOMMENDED PC BOARD THICKNESS: .039/1.00



MATERIAL NUMBER	CONNECTOR SIZE	DIM. "A"	CIRCUITS	PANEL GROUND TABS
44380-0004	8	.470/11.94	8	ALL
44380-0005	6	.389/9.88	6	ALL
44380-0006	6	.389/9.88	4	ALL
44380-0013	8	.470/11.94	8	SEE NOTE #7
44380-0014	6	.389/9.88	6	SEE NOTE #7
44380-0015	6	.389/9.88	4	SEE NOTE #7
44380-2004	8	.470/11.94	8	ALL

SEE SHEET 1 EC NO: UCP2015-0148 DRAWN: NGUYEN CHKD: JELL APPR: FSL/TH REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE MAYO 1999/04/09 CHECKED BY DATE ROBERTS 1999/04/09 APPROVED BY DATE ROBERTS 1999/04/09	SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT) molex DOCUMENT NO. SD-44380-001	SHEET NO. 2 OF 5

NOTES

1) MATERIAL:
HOUSING:
GLASS FILLED NYLON, 94V-0, COLOR: BLACK
TERMINALS:
PHOSPHOR BRONZE, .015/(0.38) THK
LIGHTPIPE:
POLYCARBONATE- WAVE OR HAND SOLDER ONLY
(NOT DESIGNED FOR I/R REFLOW OR CONVECTION REFLOW
SOLDER PROCESSES)
POLYSULFONE - MAXIMUM REFLOW TEMPERATURE: 400°F (205°C)

2) PLATING:
TERMINAL:
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.

3) PRODUCT SPECIFICATION:
CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX
PRODUCT SPECIFICATION PS-43860-003

4) PACKAGING:
PER PACKAGING SPECIFICATION PK-43860-004

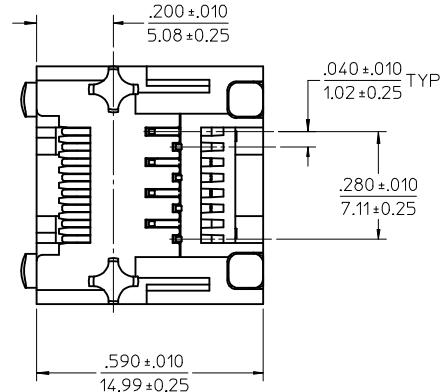
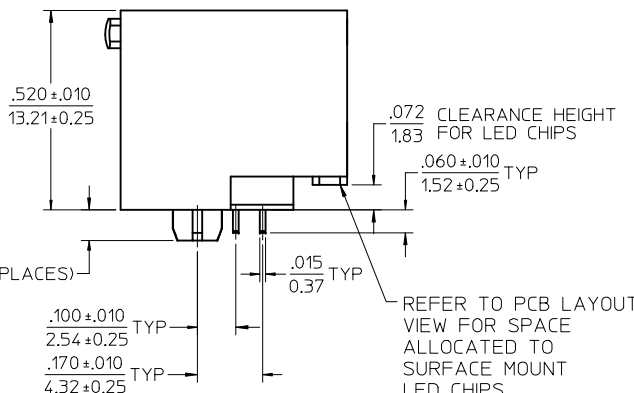
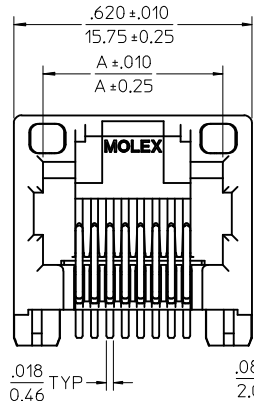
5) APPLICATION SPECIFICATION: AS-43860-001.

6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

7) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS.

8) REFER TO PAGE (5) OF (5) FOR RECOMMENDED PCB LAYOUT.

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



MATERIAL NUMBER	LIGHTPIPE MATERIAL	CONNECTOR SIZE	DIM. "A"	CIRCUITS	SEE SHEET 1 EC NO: UCP2015-0148 2014/07/16 DRAWN: NGUYEN CHKD: J.BELL 2014/07/16 APPR: F.S.MITH 2015/05/19	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION	
								mm	INCH	IN/MM		4:1	INCH			
44380-0007	POLYCARBONATE	8	.470/11.94	8			▽=0	4 PLACES ± --- ± ---	± ---	± ---	DRAWN BY MAYO	DATE 1999/04/09	TITLE INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT) molex MATERIAL NO. SD-44380-001 DOCUMENT NO. 3 OF 5			
44380-0008	POLYCARBONATE	6	.389/9.88	6			▽=0	3 PLACES ± --- ± ---	± ---	± ---	CHECKED BY ROBERTS	DATE 1999/04/09				
44380-0009	POLYCARBONATE	6	.389/9.88	4			▽=0	2 PLACES ± --- ± ---	± ---	± ---	APPROVED BY ROBERTS	DATE 1999/04/09				
44380-0020	POLYSULFONE	8	.470/11.94	8			0 PLACE ± ±	±	±							
44380-0021	POLYSULFONE	6	.389/9.88	6			ANGULAR ±1/2°									
44380-0022	POLYSULFONE	6	.389/9.88	4			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							

NOTES

1) MATERIAL:

HOUSING:

GLASS FILLED NYLON, 94V-0, COLOR: BLACK

TERMINALS:

PHOSPHOR BRONZE, .015/(0.38) THK

SHIELD:

BRASS

LIGHTPIPE:

POLYCARBONATE - WAVE OR HAND SOLDER ONLY

(NOT DESIGNED FOR I/R REFLOW OR CONVECTION REFLOW SOLDER PROCESSES)

POLYSULFONE - MAXIMUM REFLOW TEMPERATURE: 400°F (205°C)

2) PLATING:

TERMINAL:

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:

CONNECTOR PERFORMANCE SPECIFICATIONS PER MOLEX

PRODUCT SPECIFICATION PS-43860-003.

4) PACKAGING:

CONNECTOR ASSEMBLIES IN THERMOFORMED TRAYS

PER PACKAGING SPECIFICATION PK-44380-005 .

5) APPLICATION SPECIFICATION: AS-43860-001.

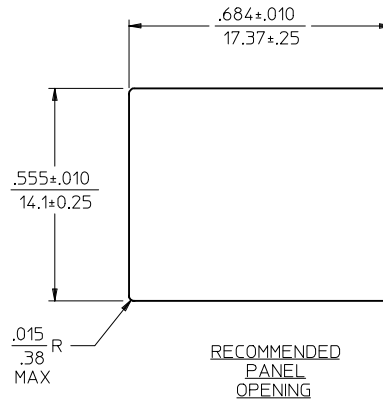
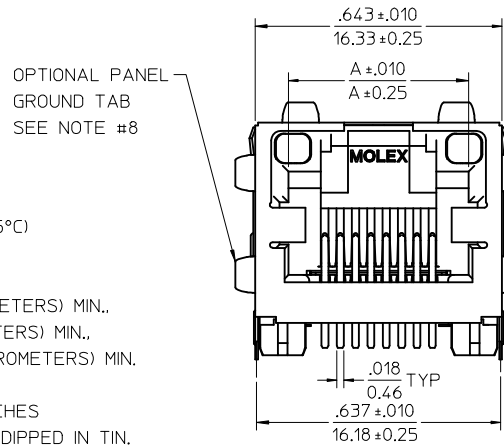
6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

7) CONFORMS TO F.C.C. REGULATION PART 68.5 FOR MODULAR JACKS.

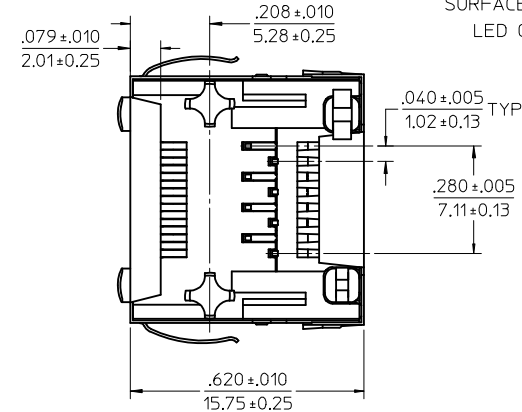
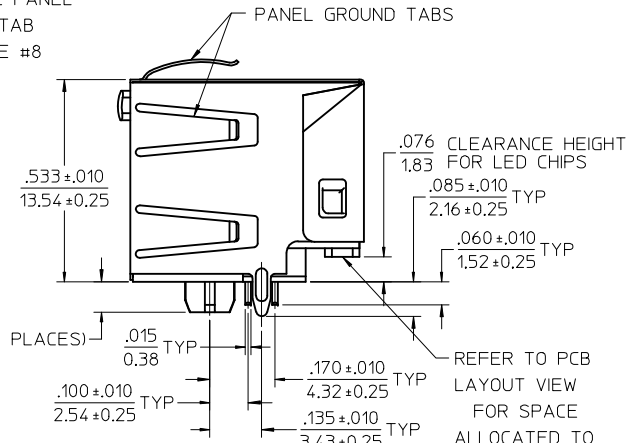
8) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.

9) REFER TO SHEET (5) OF (5) FOR RECOMMENDED PCB LAYOUT.

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



OPTIONAL PANEL GROUND TAB SEE NOTE #8



MATERIAL NUMBER	LIGHTPIPE MATERIAL	CONN SIZE	DIM. "A"	CIRCUITS	PANEL GROUND TABS
44380-0010	POLYCARBONATE	8	.470/11.94	8	ALL
44380-0011	POLYCARBONATE	6	.389/9.88	6	ALL
44380-0012	POLYCARBONATE	6	.389/9.88	4	ALL
44380-0016	POLYCARBONATE	8	.470/11.94	8	SEE NOTE #8
44380-0017	POLYCARBONATE	6	.389/9.88	6	SEE NOTE #8
44380-0018	POLYCARBONATE	6	.389/9.88	4	SEE NOTE #8
44380-1010	POLYSULFONE	8	.470/11.94	8	ALL
44380-1011	POLYSULFONE	6	.389/9.88	6	ALL
44380-1012	POLYSULFONE	6	.389/9.88	4	ALL
44380-1016	POLYSULFONE	8	.470/11.94	8	SEE NOTE #8
44380-1017	POLYSULFONE	6	.389/9.88	6	SEE NOTE #8
44380-1018	POLYSULFONE	6	.389/9.88	4	SEE NOTE #8

SEE SHEET 1

EC NO: UGCP2015-0148

2014/07/16

DRW:NGUYEN

2014/07/16

CHKD:JBELL

2015/05/19

APPR:FSMITH

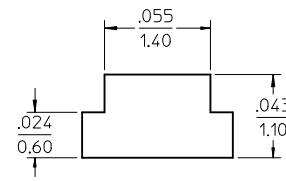
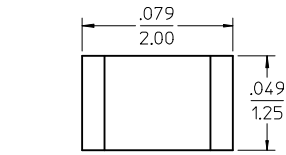
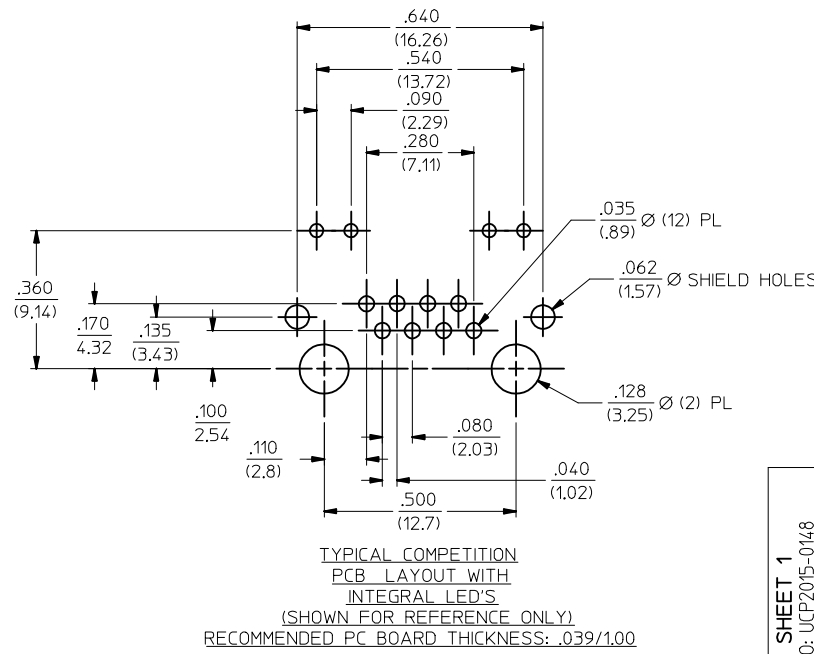
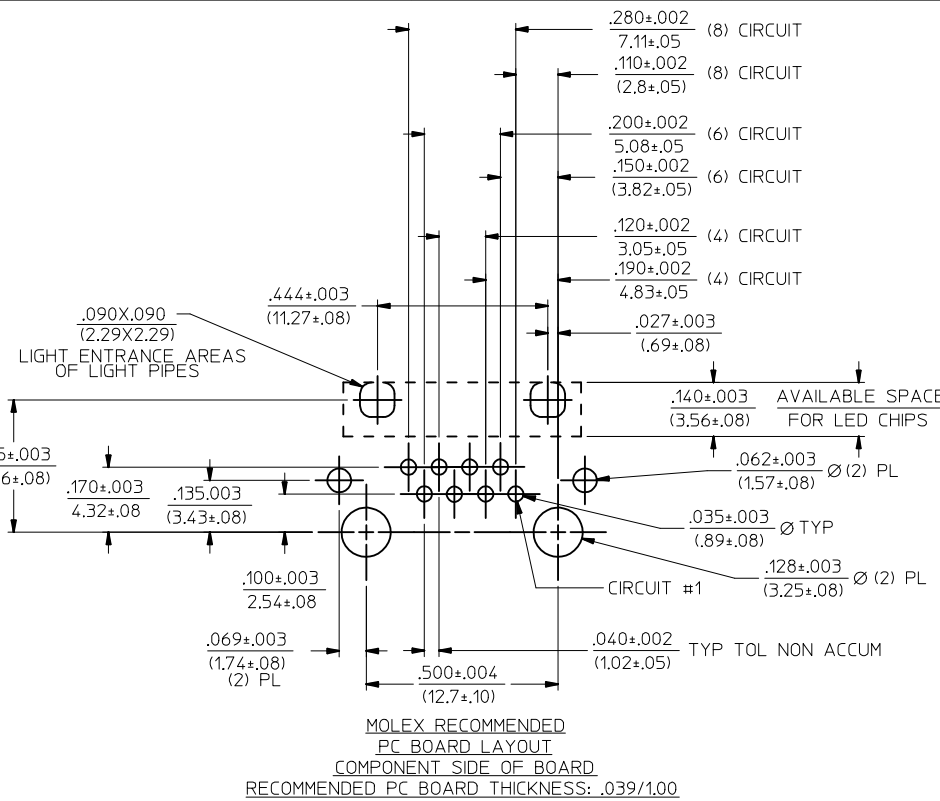
REV	DESCRIPTION	QUALITY SYMBOLS
1		▽=0
2		▽=0
3		▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± ---	± ---
1 PLACE ± ---	± ---
0 PLACE ±	±
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

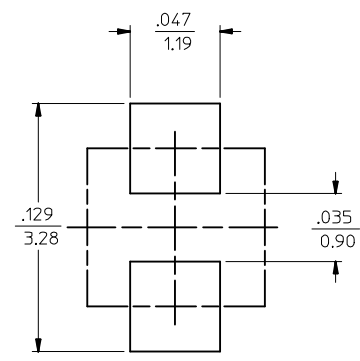
DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
MAYO	1999/04/09
CHECKED BY	DATE
ROBERTS	1999/04/09
APPROVED BY	DATE
ROBERTS	1999/04/09
MATERIAL NO.	
SEE CHART	
SIZE	
C	

SCALE 4:1	DESIGN UNITS INCH		THIRD ANGLE PROJECTION
TITLE INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT)			
molex			
DOCUMENT NO. SD-44380-001			SHEET NO. 4 OF 5
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

J
I
H
G
F
E
D
C
B
A



RECOMMENDED SMT
LED DIMENSIONS
SCALE 20:1
(SEE NOTE 1)



RECOMMENDED SMT
LED SOLDER PATTERN
SCALE 20:1
(SEE NOTE 1)

NOTES:
1. FOR CROSS REFERENCE OF RECOMMENDED LEDS SEE MOLEX WEB SITE.

SEE SHEET 1 EC NO: UCP2015-0148 2014/07/16 DRAWN: NGUYEN 2014/07/16 CHKD: JELL 2015/05/19 APPR: FSMITH C2	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
				 = 0  = 0  = 0	mm	INCH	DRAWN BY MAYO	DATE 1999/04/09	TITLE INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT) molex			
							CHECKED BY ROBERTS	DATE 1999/04/09				
							APPROVED BY ROBERTS	DATE 1999/04/09				
							MATERIAL NO.				DOCUMENT NO.	SHEET NO.
				ANGULAR ±1/2°		SEE CHART		SD-44380-001			5 OF 5	
				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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[44380-0018](#)