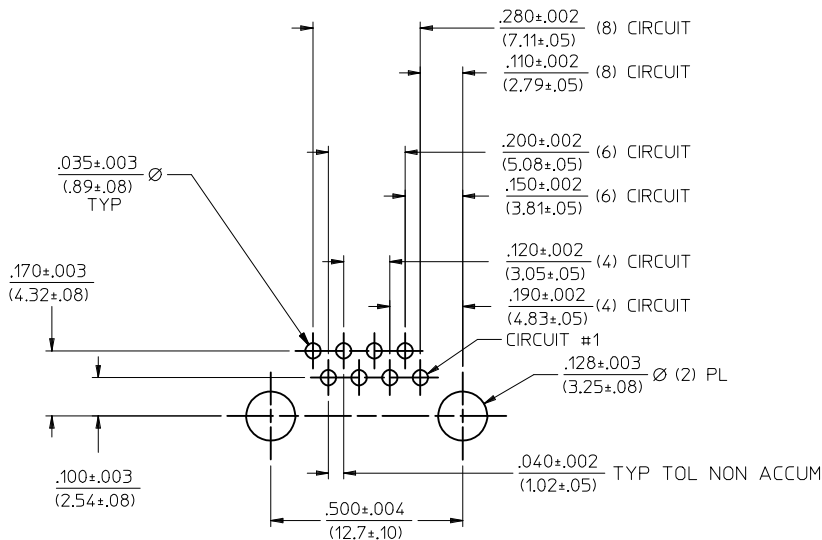
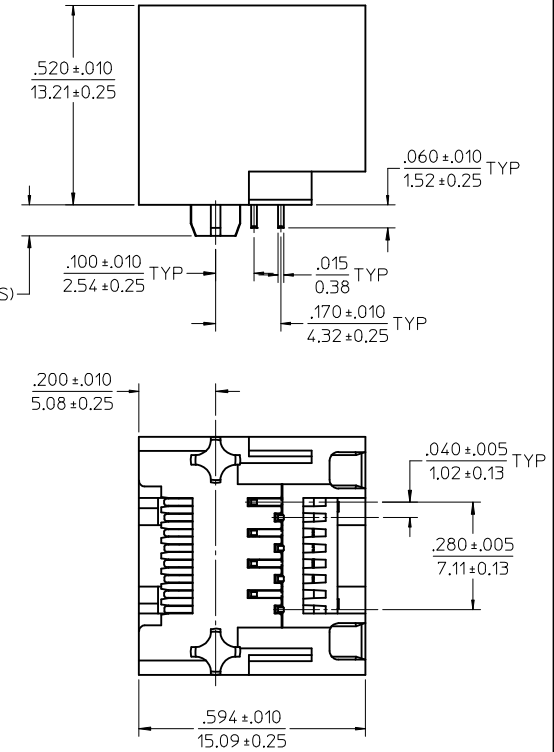
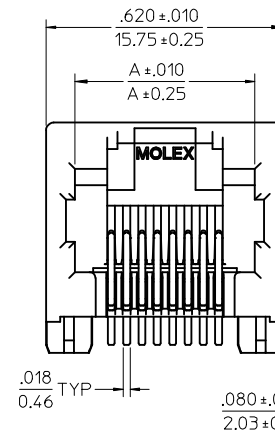


NOTES

- 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

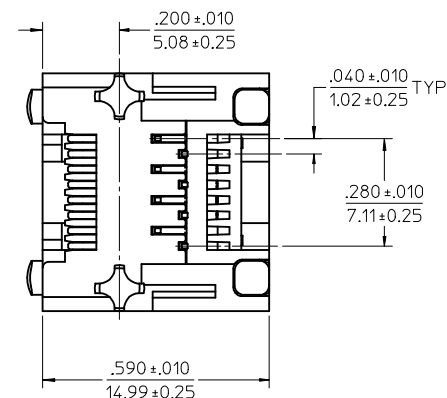
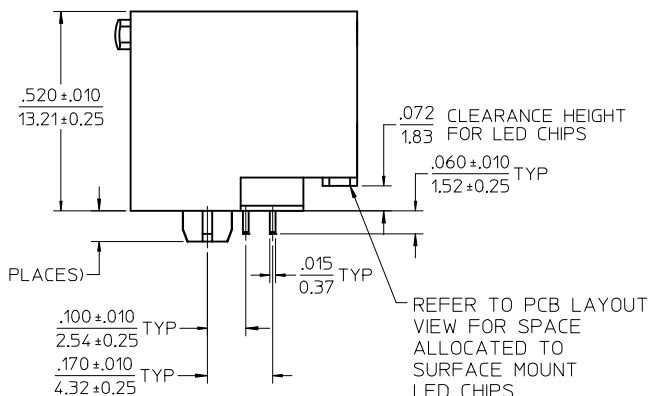
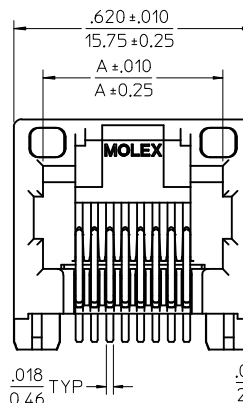
MATERIAL NUMBER	CONNECTOR SIZE	DIM. "A"	CIRCUITS
44380-0001	8	.470/11.94	8
44380-0002	6	.389/9.88	6
44380-0003	6	.389/9.88	4
44380-0019	8	.470/11.94	4

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	INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT) molex SD-44380-001	SHEET NO. 1 OF 5
				mm	INCH	DRAWN BY MAYO	DATE 1999/04/09	TITLE			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	ROBERTS	1999/04/09				
			2 PLACES	± ---	± ---	APPROVED BY	DATE				
			1 PLACE	± ---	± ---	ROBERTS	1999/04/09				
			0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.			
			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					

1

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
44380-0007	POLYCARBONATE	8	.470/11.94	8
44380-0008	POLYCARBONATE	6	.389/9.88	6
44380-0009	POLYCARBONATE	6	.389/9.88	4
44380-0020	POLYSULFONE	8	.470/11.94	8
44380-0021	POLYSULFONE	6	.389/9.88	6
44380-0022	POLYSULFONE	6	.389/9.88	4

SEE SHEET 1 EC NO: UCP2015-0148 2014/07/16 DRAWN: NGUYEN CHKD: J.BELL APPR: F.S.MITH 2015/05/19 C2	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) molex SD-44380-001	DOCUMENT NO.	SHEET NO. 3 OF 5	
			4 PLACES	±---	±---	CHECKED BY ROBERTS	DATE 1999/04/09				
			3 PLACES	±---	±---	APPROVED BY ROBERTS	DATE 1999/04/09				
			2 PLACES	±---	±---	MATERIAL NO.					
			1 PLACE	±---	±---	SEE CHART					
			0 PLACE	±	±	ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
			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.

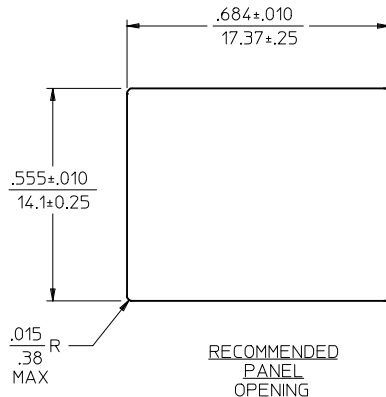
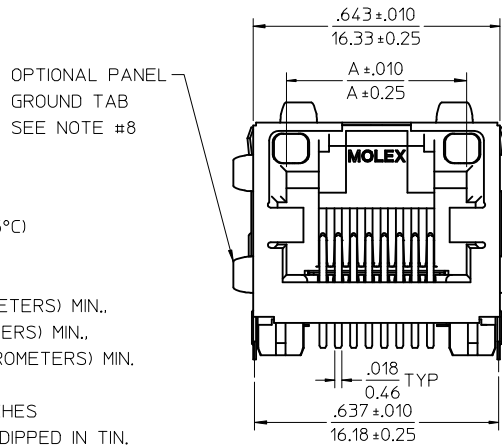
6) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

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

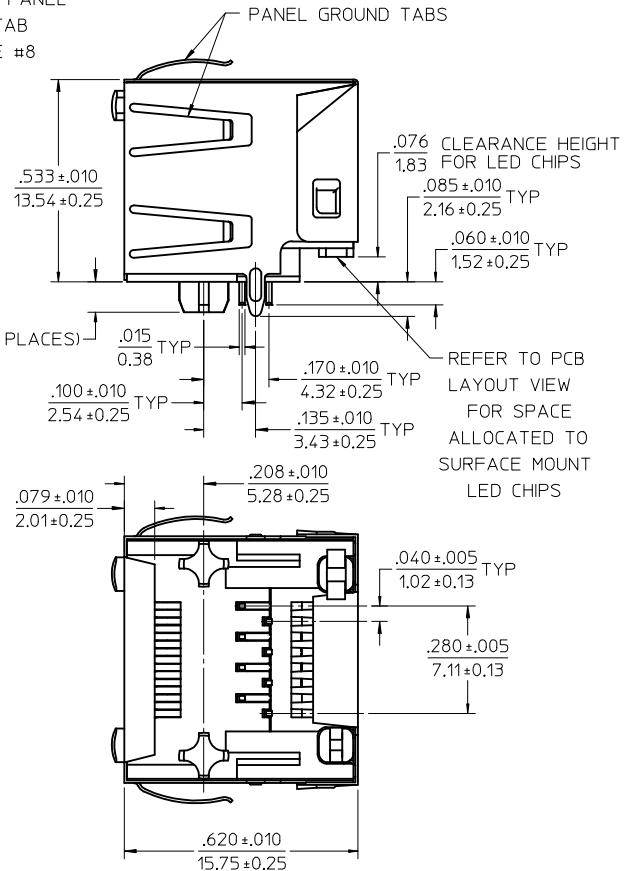
8) AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.

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: WCP2015-0148

2014/07/16

DRW:NGUYEN

2014/07/16

CHKD:JBELL

2015/05/19

APPR:FSMITH

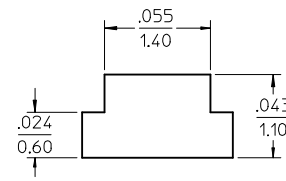
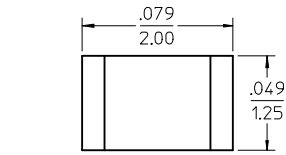
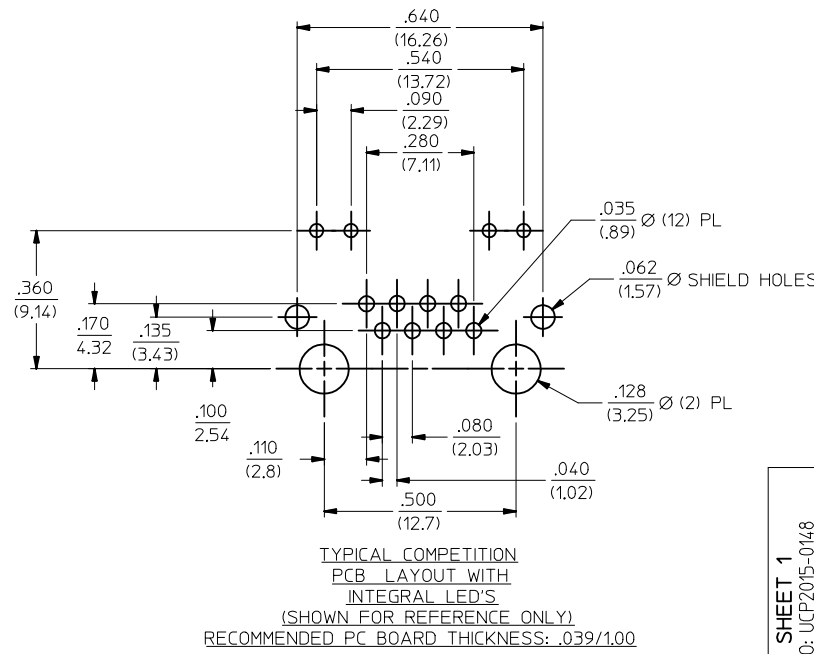
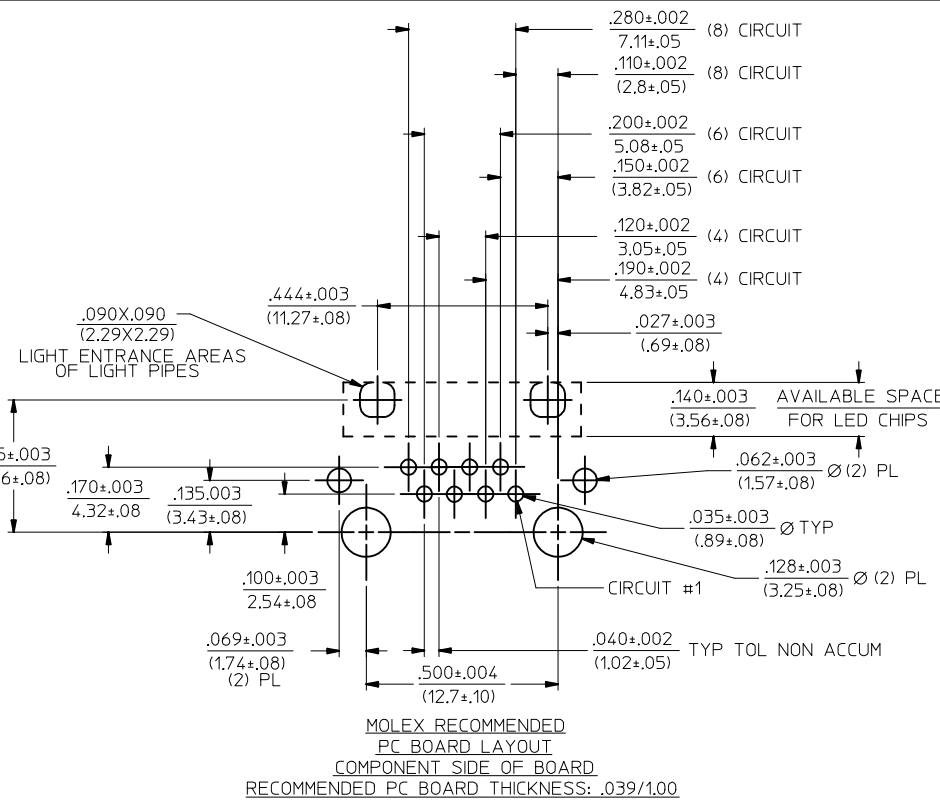
QUALITY SYMBOLS
▽=0
▽=0
▽=0

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		

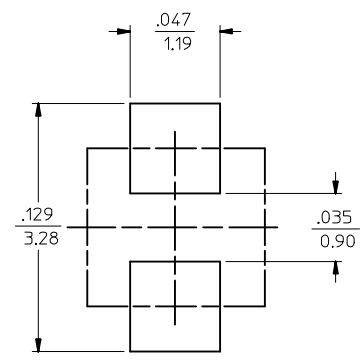
DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
IN/MM	4:1	INCH	
DRAWN BY	DATE	INVERTED MODULAR JACK ASSEMBLY (MINI-PCI COMPLIANT)	
MAYO	1999/04/09		
CHECKED BY	DATE		
ROBERTS	1999/04/09		
APPROVED BY	DATE	molex	
ROBERTS	1999/04/09		

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-44380-001	4 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

J
I
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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: J.BELL 2015/05/19 APPR: F.S.MITH	REV C2	DESCRIPTION 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) molex					
			4 PLACES	± ---	± ---	CHECKED BY ROBERTS	DATE 1999/04/09						
			3 PLACES	± ---	± ---	APPROVED BY ROBERTS		DATE 1999/04/09	DOCUMENT NO. SD-44380-001 SHEET NO. 5 OF 5				
			2 PLACES	± ---	± ---								
			1 PLACE	± ---	± ---								
			0 PLACE	±	±	MATERIAL NO.							
ANGULAR ±1/2°			SEE CHART										
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									