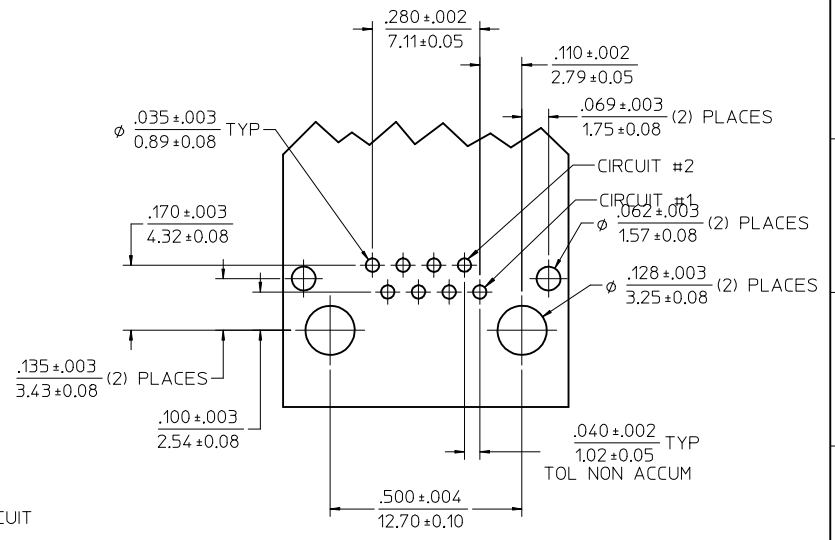
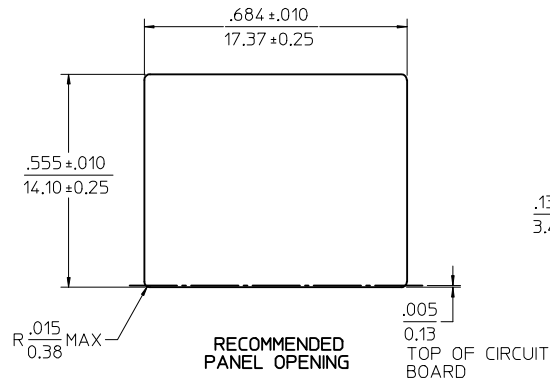
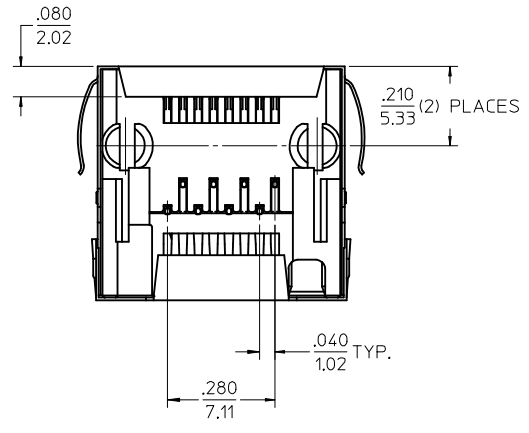
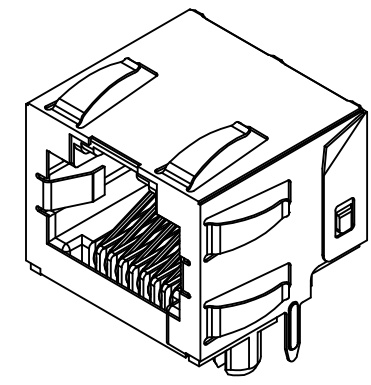
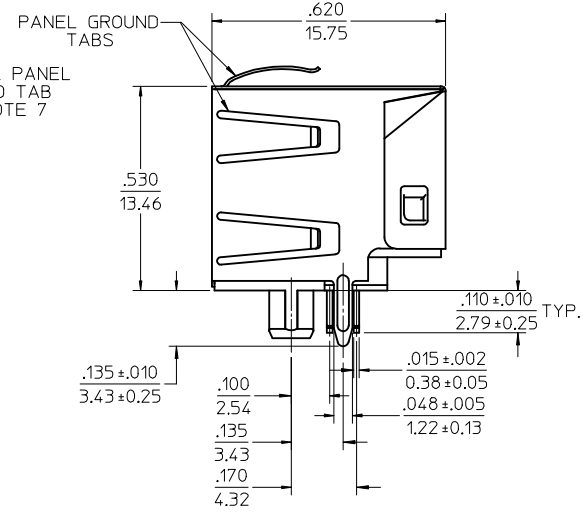
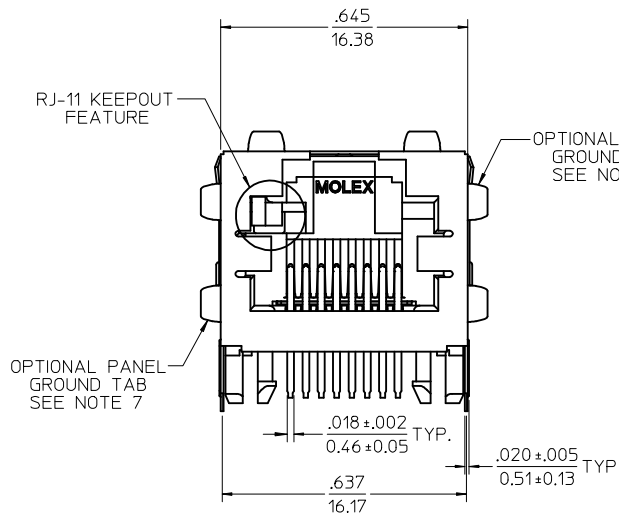


PC BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
RECOMMENDED PCB THICKNESS: .062/1.57

- NOTES:
- 1) MATERIAL:  
HOUSING: NYLON(IPA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE
  - 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.
  - 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
  - 4) PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX  
PACKAGING SPECIFICATION PK-43860-004.
  - 5) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - 6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - 7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

UPDATE VIEWS IEC NO: UCP2015-0148 2014/08/22 DRWINHNGUYEN 2014/08/22 CHKD:JBELL 2015/05/19 APPR:FSMITH	DESCRIPTION REV#	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽=0	mm INCH	IN/MM	4:1	INCH	RJ-45 INVERTED MODULAR JACK ASSEMBLY WITH RJ-11 KEEPPOUT FEATURE  <b>molex</b> DOCUMENT NO. SD-44620-001 SHEET NO. 1 OF 4
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
		▽=0	3 PLACES ± --- ± ---	MKAMAR 00/03/07			
▽=0	2 PLACES ± --- ± ---	CHECKED BY DATE	APPROVED BY DATE				
	1 PLACE ± --- ± ---	MKAMAR 00/03/07		JROBERTS 00/03/07			
	0 PLACE ± --- ± ---	ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		446200001		SD-44620-001	
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

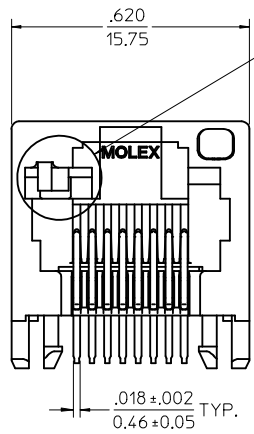


PC BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
RECOMMENDED PCB THICKNESS: .062/1.57

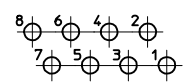
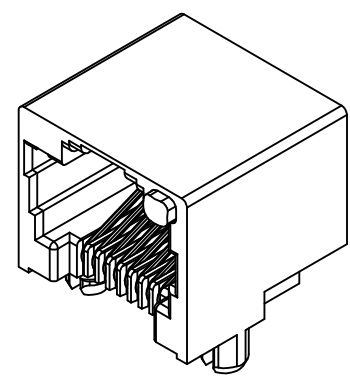
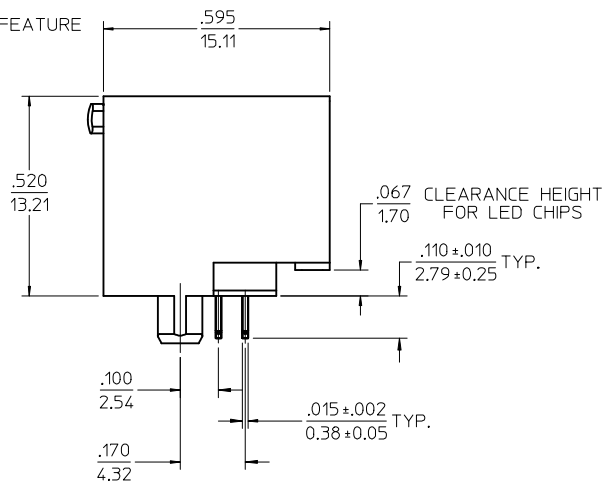
- NOTES:
- MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS
  - FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICROINCHES (1.27 MICROMETERS) MIN.,  
SELECT TIN IN PC TAIL AREA: 100 MICROINCHES (2.54 MICROMETERS) MIN.,  
WITH OVERALL 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
  - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
  - PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-43860-005.
  - ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

ASSEMBLY MATERIAL NUMBER	PANEL GROUND TABS
446200002	ALL
446200003	SEE NOTE 7

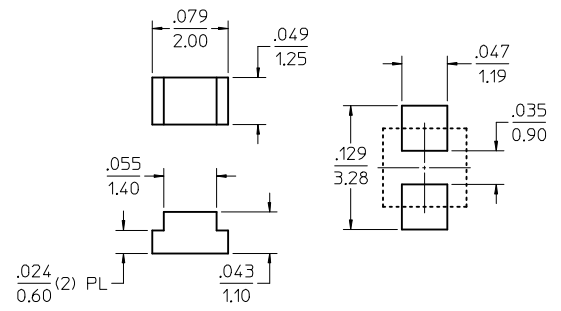
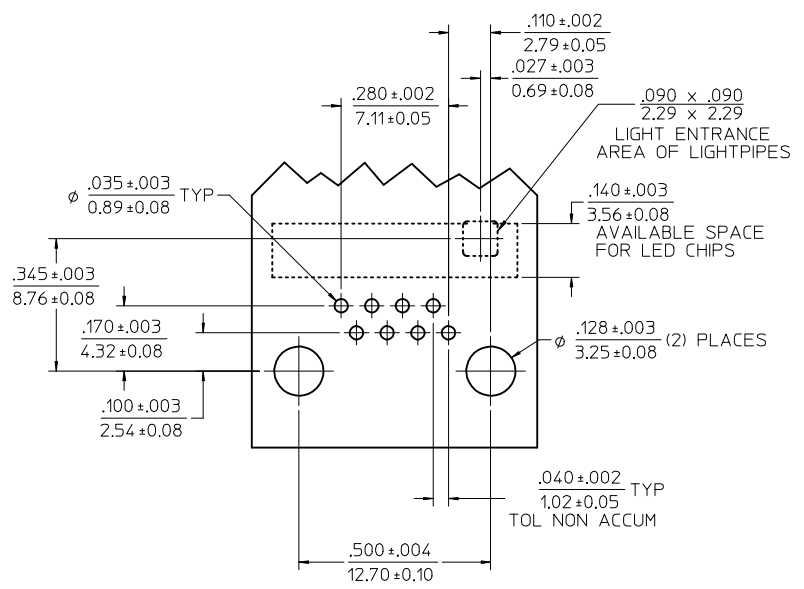
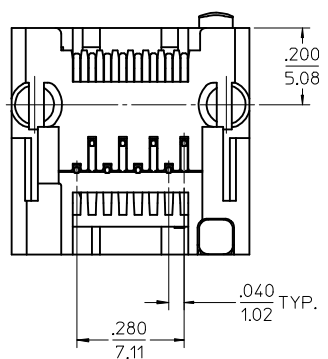
SEE SHEET 1 EC NO: UCP2015-0148 2014/08/22 DRWINHNGUYEN 2014/08/22 CHKD:JBELL 2015/05/19 APPR:FSMITH	DESCRIPTION REV 1 2 3	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			mm INCH	IN/MM	4:1	INCH		
			4 PLACES ± --- ± ---	DRAWN BY DATE	MKAMAR 00/03/07	TITLE	RJ-45 INVERTED MODULAR JACK ASSEMBLY WITH RJ-11 KEEP-OUT FEATURE	
			3 PLACES ± --- ± ---	CHECKED BY DATE	MKAMAR 00/03/07		molex	
	2 PLACES ± --- ± ---	APPROVED BY DATE	JROBERTS 00/03/07		DOCUMENT NO.	SD-44620-001	SHEET NO. 2 OF 4	
	1 PLACE ± --- ± ---			ANGULAR ±1/2°	SEE CHART			
	0 PLACE ± --- ± ---			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



RJ-11 KEEPOUT FEATURE



TYPICAL PC TERMINAL HOLE LAYOUT  
SCALE 5:1



RECOMMENDED SMT  
LED SOLDER PATTERN  
SCALE 10:1  
(SEE NOTE 8)

PC BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
RECOMMENDED PCB THICKNESS: .062/1.57

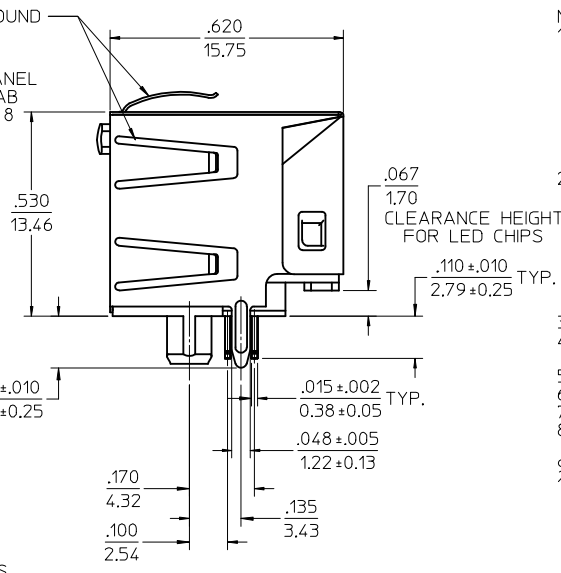
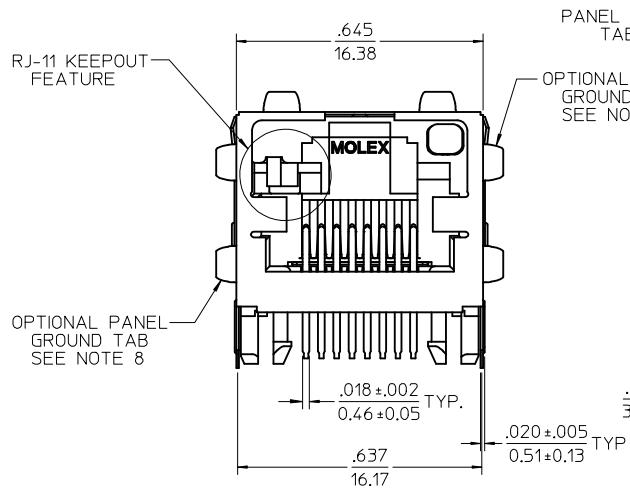
ASSEMBLY MATERIAL NUMBER	LIGHT PIPE MATERIAL
446201004	POLYCARBONATE
446201005	POLYSULFONE

- NOTES:
- MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
LIGHT PIPES:  
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)
  - 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.
  - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
  - PACKAGING SPECIFICATION:  
CONNECTOR ASSEMBLIES PACKAGED IN EXTRUDED TUBES PER MOLEX PACKAGING SPECIFICATION PK-43860-004.
  - APPLICATION SPECIFICATION: AS-43860-001.
  - ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - FOR CROSS REFERENCE OF RECOMMENDED LED'S, SEE MOLEX WEBSITE.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

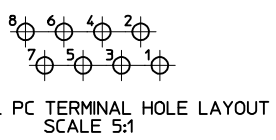
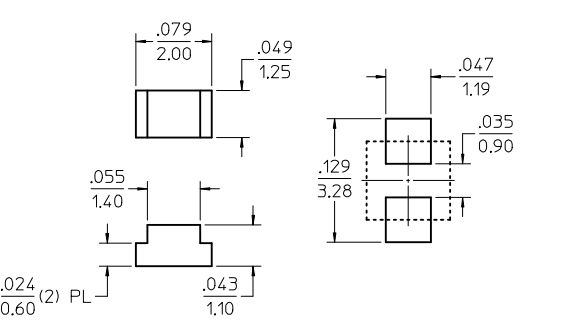
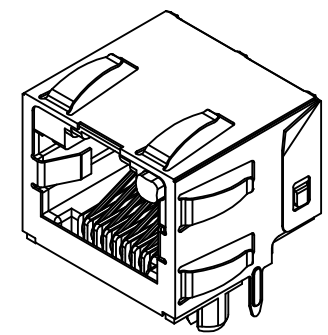
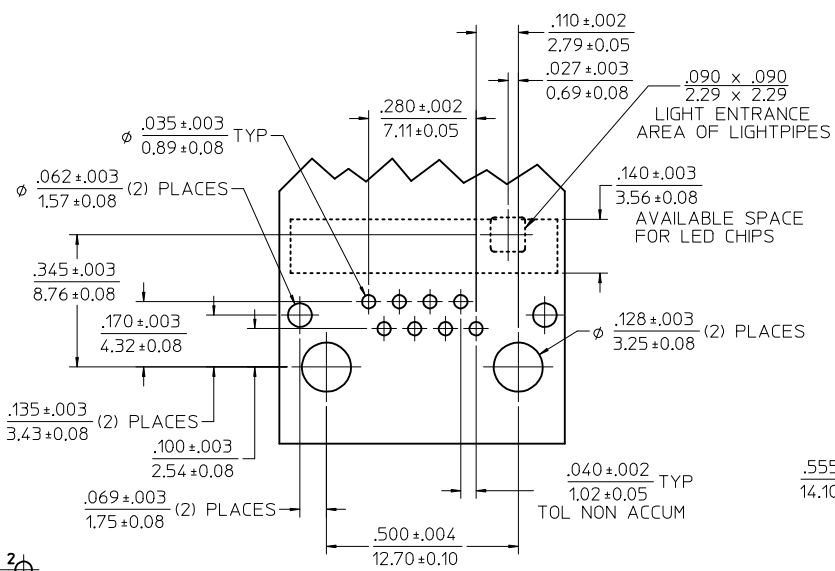
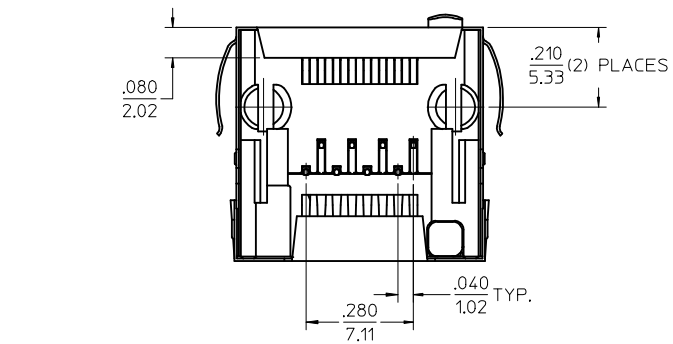
REV	DESCRIPTION	QUALITY SYMBOLS
D3	SEE SHEET 1 EC NO: UCP2015-0148 DR:VINHANGUYEN CHKD:JBELL APPR:FSM/TH	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± .005	± .0005
3 PLACES ± .005	± .0005
2 PLACES ± .005	± .0005
1 PLACE ± .005	± .0005
0 PLACE ± .005	± .0005
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

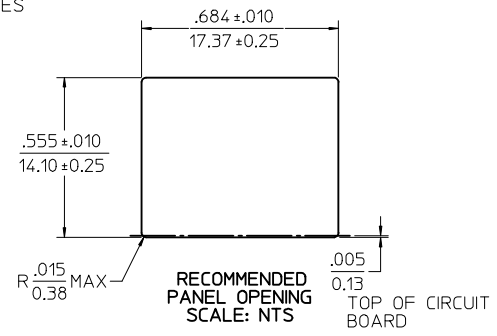
DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IN/MM		4:1		INCH			
DRAWN BY	DATE	TITLE	RJ-45 INVERTED MODULAR JACK ASSEMBLY WITH RJ-11 KEEPOUT FEATURE				
MKAMAR	00/03/07						
CHECKED BY	DATE						
MKAMAR	00/03/07		DOCUMENT NO. SD-44620-001				
APPROVED BY	DATE		SHEET NO. 3 OF 4				
JROBERTS	00/03/07		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



- NOTES:
- MATERIAL:  
HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS  
LIGHT PIPES:  
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)
  - 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
  - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43860-003.
  - PACKAGING SPECIFICATION: CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS PER MOLEX PACKAGING SPECIFICATION PK-43860-005.
  - APPLICATION SPECIFICATION: AS-43860-001
  - ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
  - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - AVAILABLE WITH THE (2) SPECIFIED PANEL GROUND TABS OMITTED FOR SIDE TO SIDE STACKABILITY, PER THE ASSEMBLY MATERIAL NUMBER TABLE.
  - FOR CROSS REFERENCE OF RECOMMENDED LED'S, SEE MOLEX WEBSITE.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



PC BOARD LAYOUT  
COMPONENT SIDE OF BOARD  
RECOMMENDED PCB THICKNESS: .062/1.57



RECOMMENDED SMT  
LED SOLDER PATTERN  
SCALE 10:1  
(SEE NOTE 9)

TYPICAL PC TERMINAL HOLE LAYOUT  
SCALE 5:1

RECOMMENDED  
PANEL OPENING  
SCALE: NTS  
TOP OF CIRCUIT BOARD

ASSEMBLY MATERIAL NUMBER	LIGHT PIPE MATERIAL	PANEL GROUND TABS
446201006	POLYCARBONATE	ALL
446201007	POLYCARBONATE	SEE NOTE 8
446201008	POLYSULFONE	ALL
446201009	POLYSULFONE	SEE NOTE 8

SEE SHEET 1	QUALITY SYMBOLS
EC NO: UCP2015-0148	▽=0
DRW: NGUYEN	▽=0
CHKD: JBEL	▽=0
APPR: FSMITH	
REV	

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
DATE	00/03/07
CHECKED BY	DATE
DATE	00/03/07
APPROVED BY	DATE
DATE	00/03/07
MATERIAL NO.	
SEE CHART	
SIZE	C

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	INCH	THIRD ANGLE PROJECTION
RJ-45 INVERTED MODULAR JACK ASSEMBLY WITH RJ-11 KEEPOUT FEATURE		
<b>molex</b>		
DOCUMENT NO.	SD-44620-001	SHEET NO. 4 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		