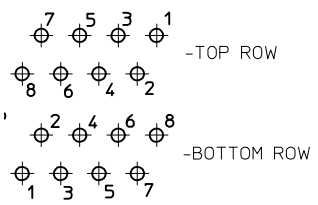


- NOTES:
- MATERIAL:  
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK  
LIGHT PIPES: POLYCARBONATE, UL-94HB, COLOR: CLEAR  
TERMINALS: PHOSPHOR BRONZE  
SHIELD: BRASS
  - FINISH:  
TERMINALS:  
SELECT GOLD IN CONTACT AREA: 50 MICRONS / 1.27 MICROMETERS MIN.,  
SELECT TIN IN PC TAIL AREA: 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: PS-44050-003.
  - PACKAGING SPECIFICATION: CONNECTOR PACKAGED IN THERMOFORMED TRAYS PER PK-44170-003.
  - APPLICATION SPECIFICATION: AS-43860-001
  - CONNECTORS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
  - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
  - PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEET (2) OF (2).
  - AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVED ON EACH SIDE FOR SIDE TO SIDE STACKABILITY.
  - TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A CLASS C SURFACE.

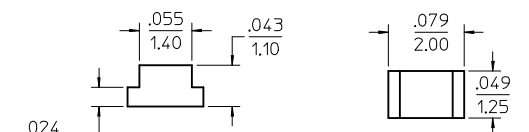
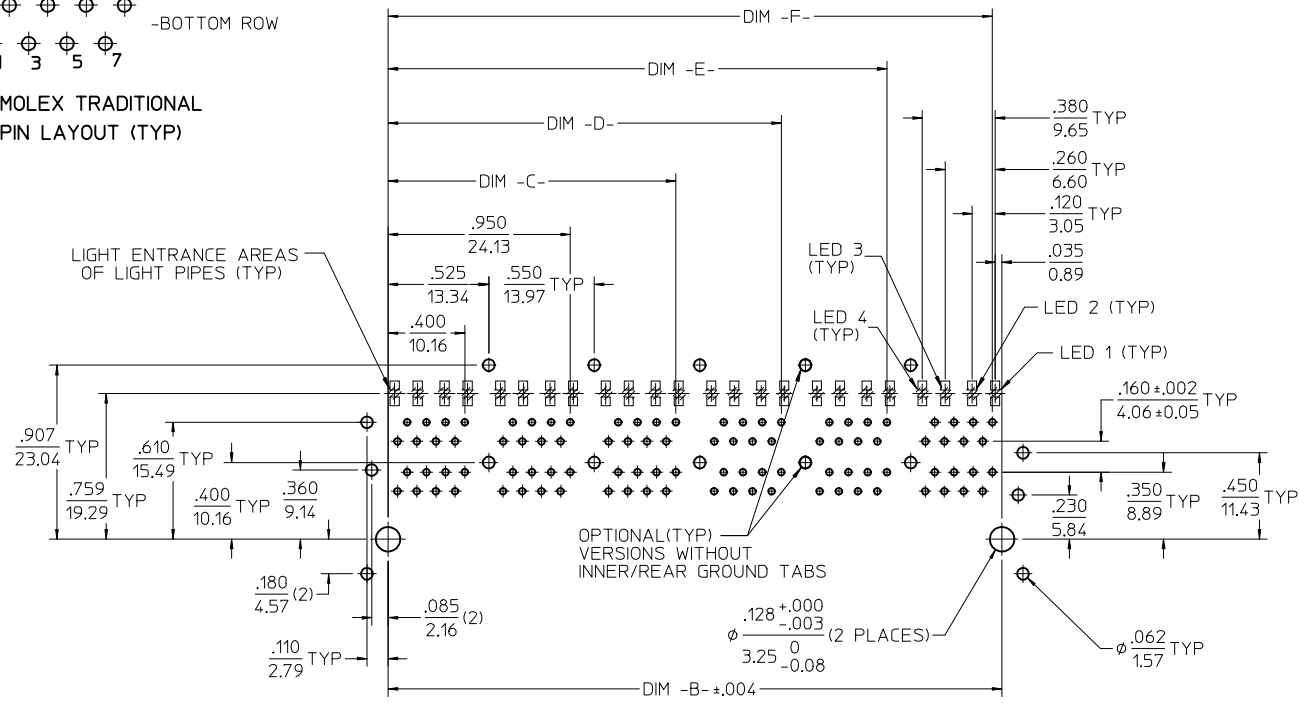
ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	SIDE PANEL GROUND TABS	INNER/REAR GROUND TABS
X 44170-0001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	YES	YES
X 44170-2001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	NO	YES
X 44170-3001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	YES	NO
X 44170-4001	8 (2 X 4)	SNAP-FIT	2.330/59.18	2.100/53.34	NO	NO
X 44170-0004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	YES	YES
X 44170-2004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	NO	YES
X 44170-3004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	YES	NO
X 44170-4004	8 (2 X 4)	PRESS-FIT	2.330/59.18	2.100/53.34	NO	NO
44170-0002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	YES	YES
X 44170-2002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	NO	YES
X 44170-3002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	YES	NO
X 44170-4002	12 (2 X 6)	SNAP-FIT	3.430/87.12	3.200/81.28	NO	NO
44170-0005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	YES	YES
X 44170-2005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	NO	YES
X 44170-3005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	YES	NO
X 44170-4005	12 (2 X 6)	PRESS-FIT	3.430/87.12	3.200/81.28	NO	NO

X = NOT TOOLED

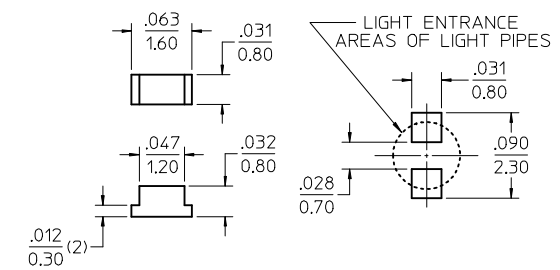
OBSOLETE PN IEC NO: UCP2017-0798 DRW:AFENG02 2016/10/12 CHKD: APPR:KLANG 2016/10/17 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY MARGULIS DATE 98/11/16	TITLE	STACKED MODULAR JACK WITH LIGHT PIPES CAT 5	
	▽=0	4 PLACES ± --- ± ---	CHECKED BY ROBERTS DATE 98/11/16	<b>molex</b> DOCUMENT NO. SD-44170-001 SHEET NO. 1 OF 2		
	▽=0	3 PLACES ± --- ± .010	APPROVED BY ROBERTS DATE 98/11/16			
F2	DESCRIPTION	ANGULAR ±1/2°	SEE CHART	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



MOLEX TRADITIONAL  
PIN LAYOUT (TYP)



RECOMMENDED SMT  
0805 LED DIMENSIONS

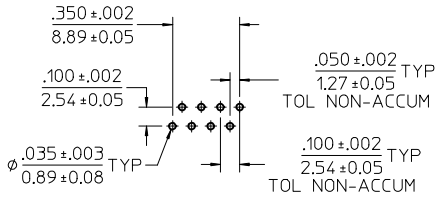


PC BOARD LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/1.57  
(12 PORT VERSION SHOWN)

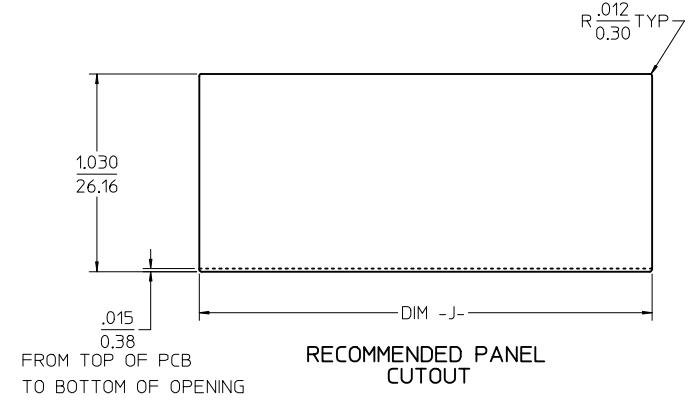
ALL DIMENSIONS ARE ±.003/±.08  
UNLESS SPECIFIED OTHERWISE

NOTES:

1. SEE MOLEX WEB SITE FOR CROSS REFERENCE OF RECOMMENDED LED'S.



TYP HOLE LAYOUT  
(EACH PORT)



NUMBER OF PORTS	DIM -B-	DIM -C-	DIM -D-	DIM -E-	DIM -F-	DIM -J-
8 (2 X 4)	2.100/53.34	1.500/38.10	2.050/52.07			2.360/59.94
12 (2 X 6)	3.200/81.28	1.500/38.10	2.050/52.07	2.600/66.04	3.150/80.01	3.460/87.88

SEE SHEET 1 EC NO: UCP2017-0798 DRAWN: FENG2016/10/17 CHKD: APPR: KLANG REV: F2	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION 2016/10/17
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GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
4 PLACES ± --- ± ---	mm INCH	DRAWN BY MARGULIS	DATE 98/11/16	TITLE STACKED MODULAR JACK WITH LIGHT PIPES CAT 5
3 PLACES ± --- ± .010		CHECKED BY ROBERTS	DATE 98/11/16	molex
2 PLACES ± 0.25 ± ---		APPROVED BY ROBERTS	DATE 98/11/16	
1 PLACE ± --- ± ---				
0 PLACE ± ±				
ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SEE CHART	SD-44170-001	2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				