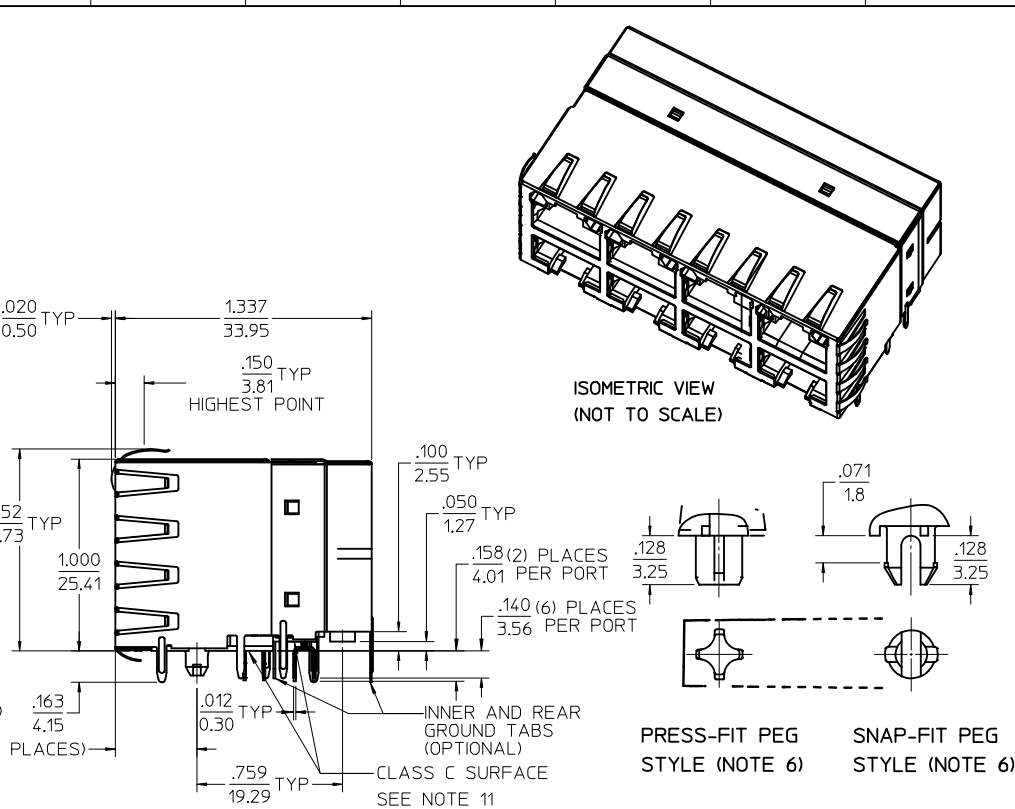
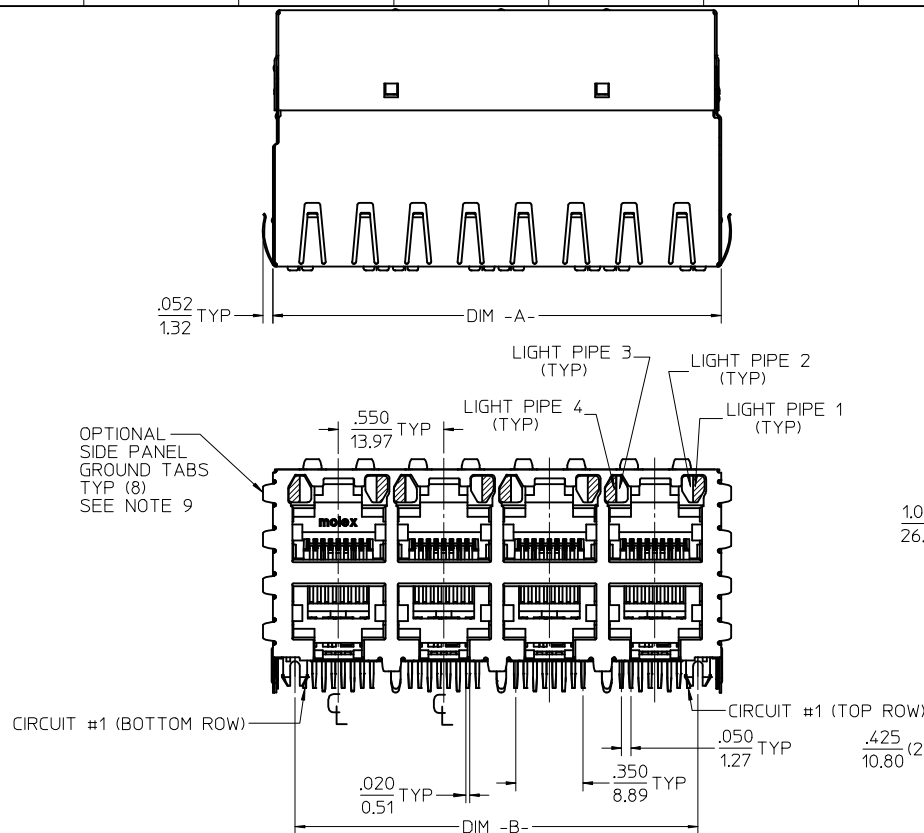


13 12 11 10 9 8 7 6 5 4 3 2 1



- NOTES:
- 1) MATERIAL:
HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94HB, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS
 - 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.
SHIELD:
100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES / 1.27 MICROMETERS COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN
 - 3) PRODUCT SPECIFICATION: PS-44050-003.
 - 4) PACKAGING SPECIFICATION: CONNECTOR PACKAGED IN THERMOFORMED TRAYS PER PK-44170-003.
 - 5) APPLICATION SPECIFICATION: AS-43860-001
 - 6) CONNECTORS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.
 - 7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - 8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEET (2) OF (2).
 - 9) AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVED ON EACH SIDE FOR SIDE TO SIDE STACKABILITY.
 - 10) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.
 - 11) 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
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
EC NO: UCP2017-0798
DRWN:AFENG02 2016/10/12
CHKD:
APPR:KLANG 2016/10/17
REV

DESCRIPTION

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

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 IN/MM

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

MATERIAL NO.

DOCUMENT NO.

SHEET NO.

SCALE 2:1

DESIGN UNITS INCH

THIRD ANGLE PROJECTION

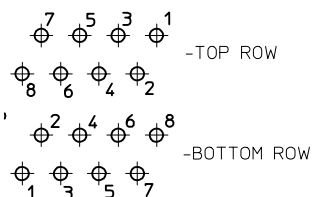
STACKED MODULAR JACK WITH LIGHT PIPES CAT 5

molex

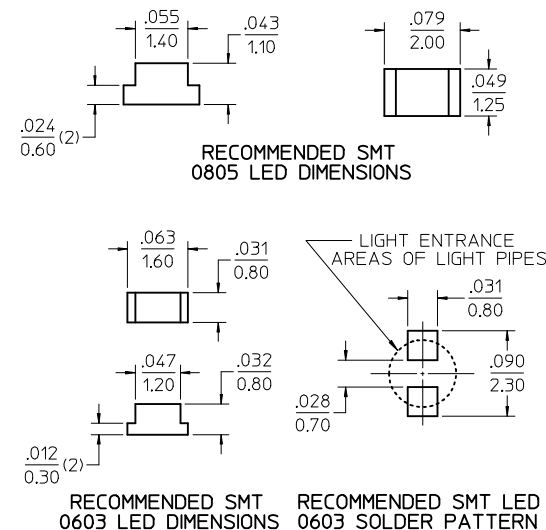
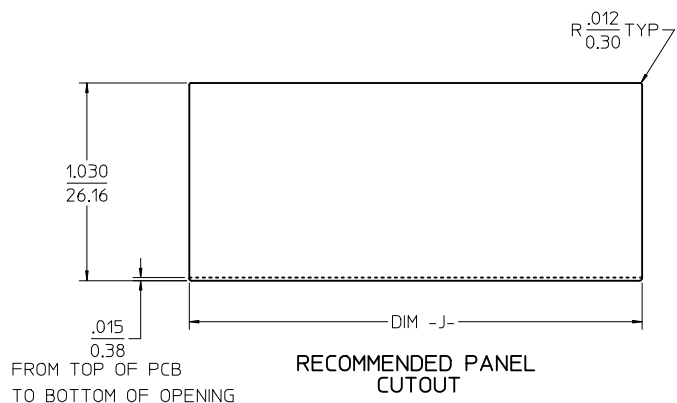
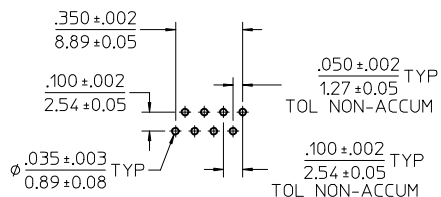
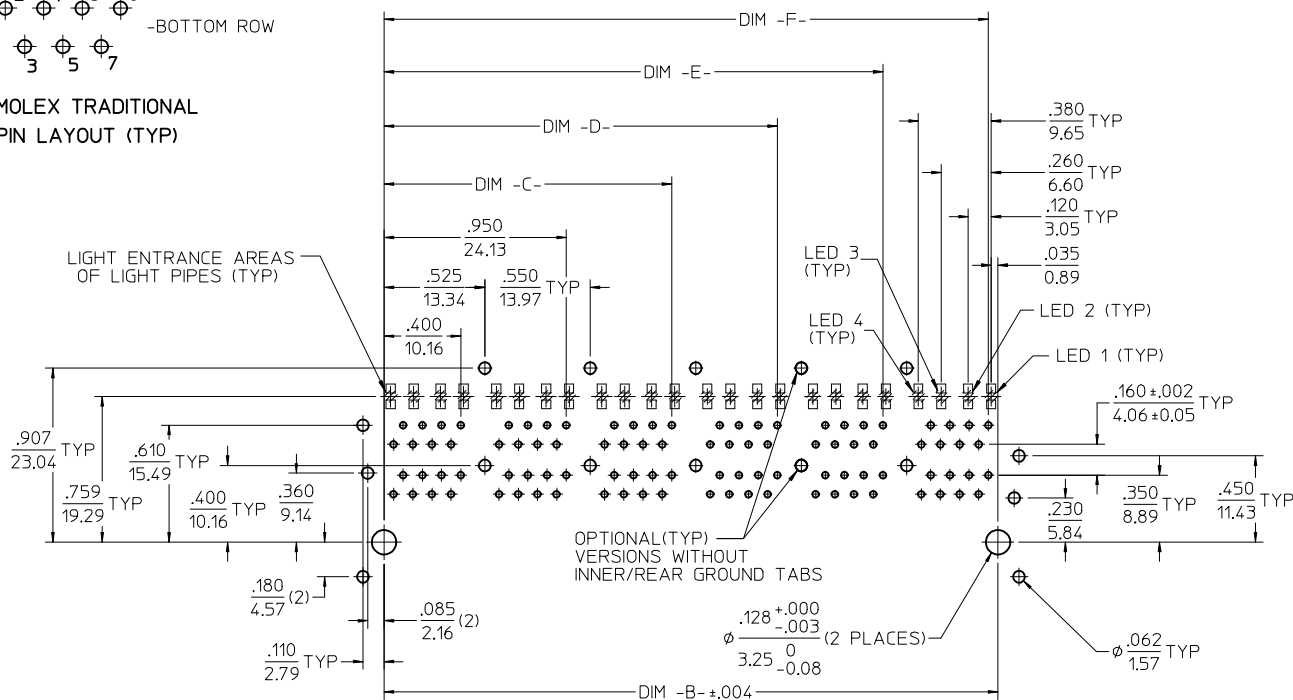
SD-44170-001

1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



MOLEX TRADITIONAL
PIN LAYOUT (TYP)



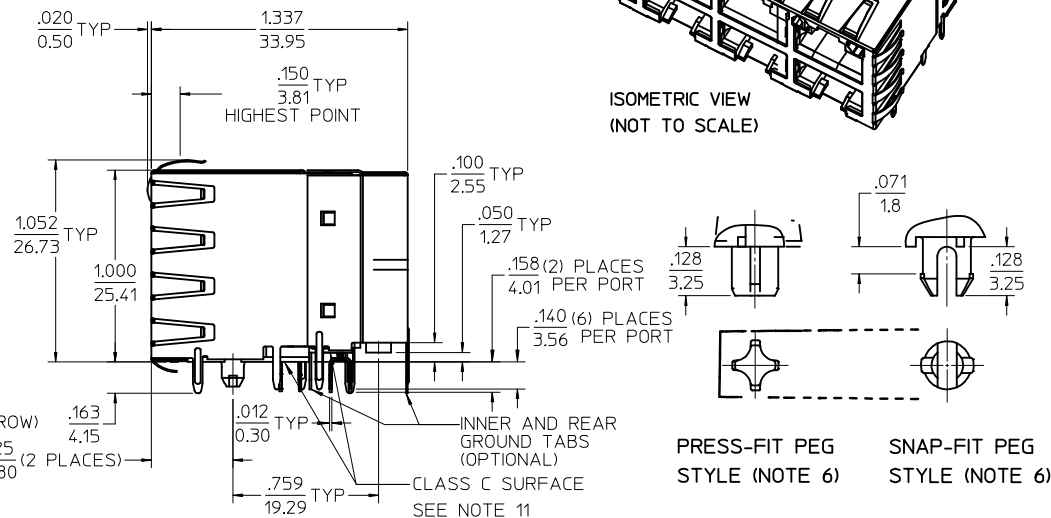
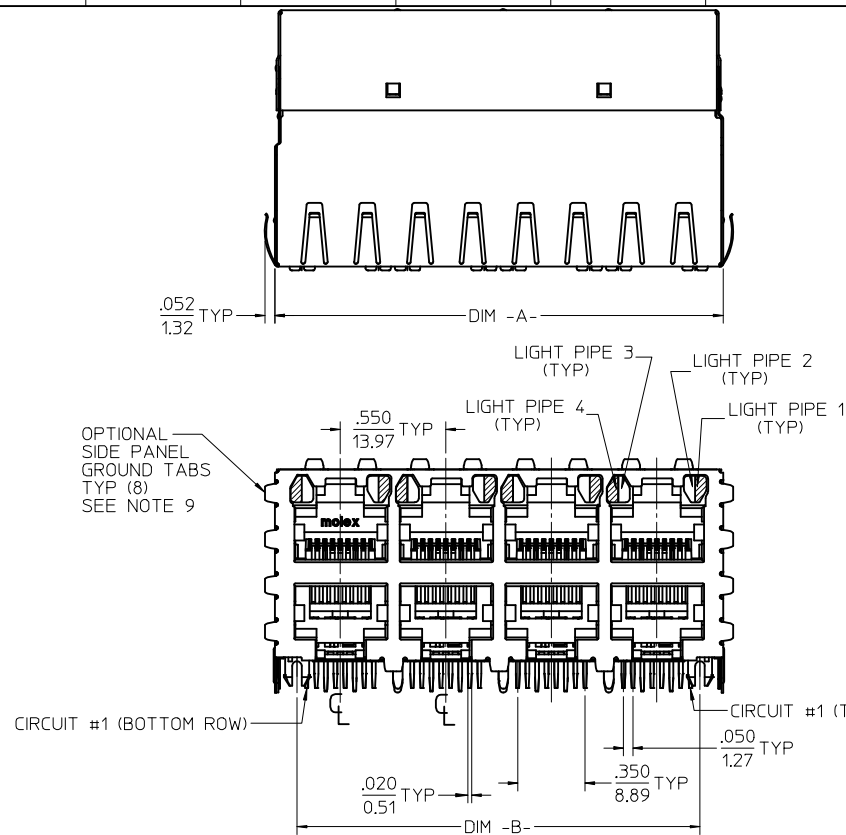
NOTES:

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

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 DRW:AFENG02 2016/10/12 CHKD: APPR:KLANG 2016/10/17	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					IN/MM		2:1	INCH				
				mm	INCH	DRAWN BY	DATE	TITLE				
			4 PLACES	± ---	± ---	MARGULIS	98/11/16	STACKED MODULAR JACK WITH LIGHT PIPES CAT 5				
			3 PLACES	± ---	± .010	CHECKED BY	DATE					
			2 PLACES	± 0.25	± ---	ROBERTS	98/11/16	molex				
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
0 PLACE	±	±	ROBERTS	98/11/16								
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44170-001		2 OF 2			
F2	REV				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

13 12 11 10 9 8 7 6 5 4 3 2 1



NOTES:

1) MATERIAL:

HOUSING: POLYESTER(PBT), GLASS FILLED, UL94V-0, COLOR: BLACK
LIGHT PIPES: POLYCARBONATE, UL-94HB, COLOR: CLEAR
TERMINALS: PHOSPHOR BRONZE
SHIELD: BRASS

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.
SHIELD:
100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES /
1.27 MICROMETERS COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN

3) PRODUCT SPECIFICATION: PS-44050-003.

4) PACKAGING SPECIFICATION: CONNECTOR PACKAGED IN THERMOFORMED TRAYS PER PK-44170-003.

5) APPLICATION SPECIFICATION: AS-43860-001

6) CONNECTORS AVAILABLE WITH EITHER SNAP-FIT OR PRESS-FIT PEGS.

7) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

8) PCB LAYOUT AND PANEL CUT-OUT SHOWN ON SHEET (2) OF (2).

9) AVAILABLE WITH THE (8) PANEL GROUND TABS REMOVED ON EACH SIDE FOR SIDE TO SIDE STACKABILITY.

10) TERMINAL LENGTHS MAY BE DIFFERENT FROM TERMINAL TO TERMINAL.

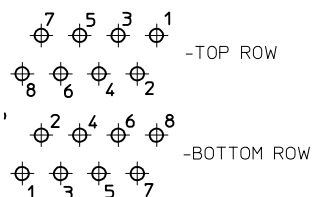
11) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF THE SURFACE INDICATED WHICH IS A CLASS C SURFACE.

ASSEMBLY MATERIAL NUMBER	NUMBER OF PORTS	PEG STYLE	DIM -A-	DIM -B-	SIDE PANEL GROUND TABS	INNER/REAR GROUND TABS
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

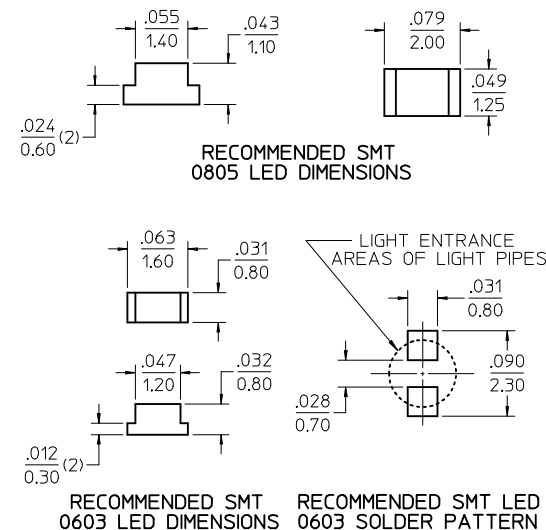
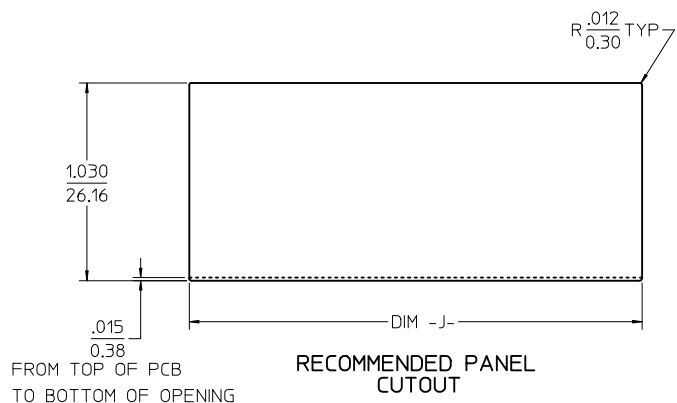
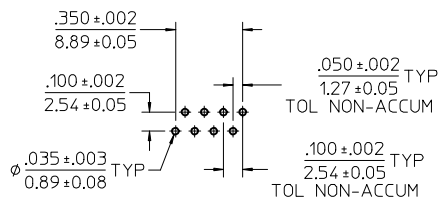
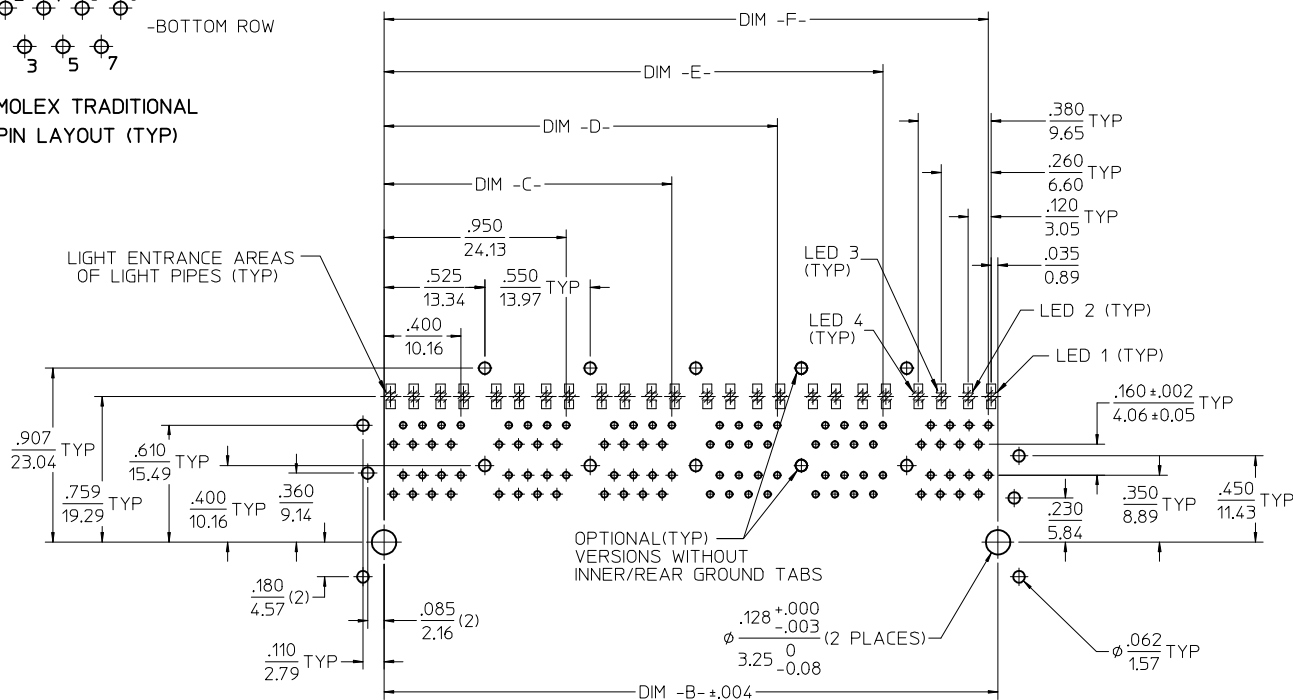
X = NOT TOOLED

OBSOLETE PN EC NO: UCP2017-0798 DRWN:AFENG02 2016/10/12 CHKD: APPR:KLANG 2016/10/17 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY MARGULIS	DATE 98/11/16	STACKED MODULAR JACK WITH LIGHT PIPES CAT 5		
			4 PLACES ± --- ± ---		± ---	± ---	CHECKED BY ROBERTS	DATE 98/11/16			
			3 PLACES ± --- ± .010		± .010	± ---	APPROVED BY ROBERTS	DATE 98/11/16			
			2 PLACES ± 0.25 ± ---		± ---	± ---	molex				
			1 PLACE ± --- ± ---		± ---	± ---					
			0 PLACE ± ±		±	±					
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-44170-001		1 OF 2	
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



MOLEX TRADITIONAL
PIN LAYOUT (TYP)



NOTES:

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

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 DWG: AENG02 CHKD: APPR: KLANG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
					IN/MM		2:1	INCH				
				mm	INCH	DRAWN BY	DATE	TITLE				
			4 PLACES	± ---	± ---	MARGULIS	98/11/16	STACKED MODULAR JACK				
			3 PLACES	± ---	± .010	CHECKED BY	DATE	WITH LIGHT PIPES				
			2 PLACES	± .25	± ---	ROBERTS	98/11/16	CAT 5				
			1 PLACE	± ---	± ---	APPROVED BY	DATE	molex				
0 PLACE	±	±	ROBERTS	98/11/16								
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-44170-001			2 OF 2		
REV		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										