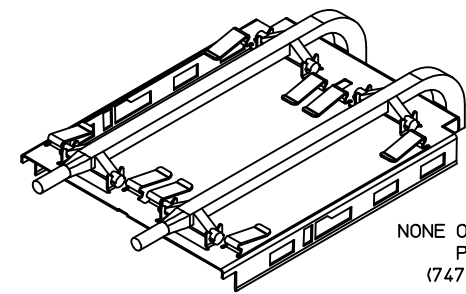
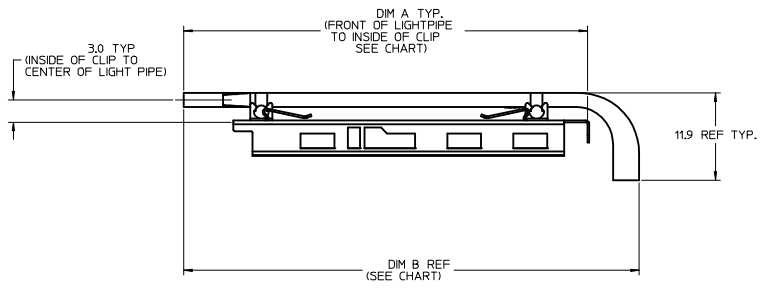
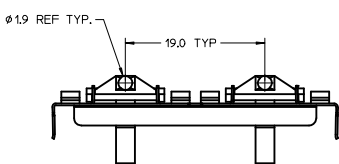
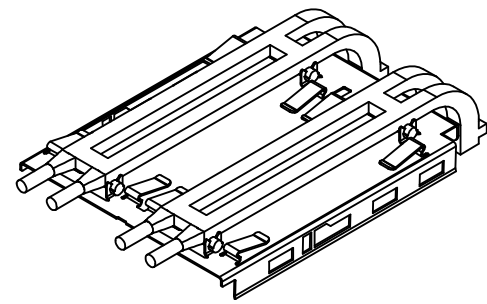
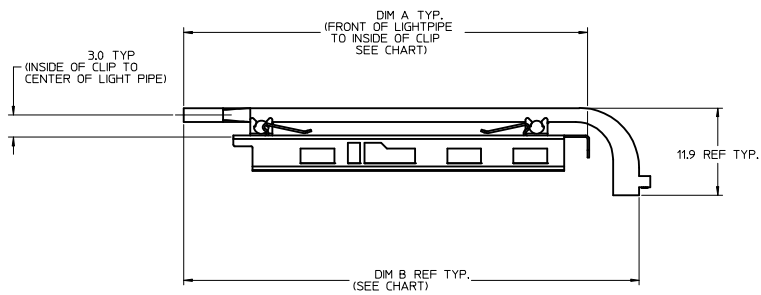
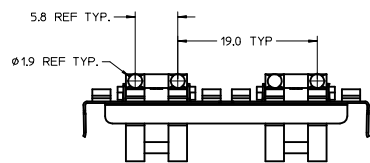




# HEAT SINK CLIP W/ LIGHT PIPE (1X2 SHOWN)



NONE OR SINGLE LIGHT PIPE  
PER PORT  
(747670403 SHOWN)



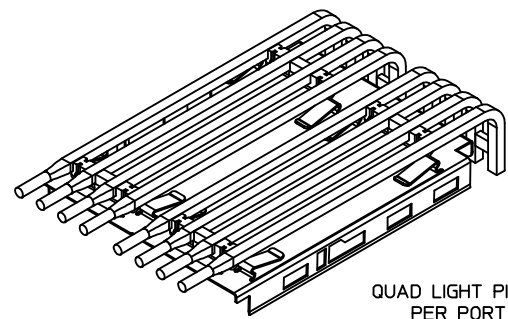
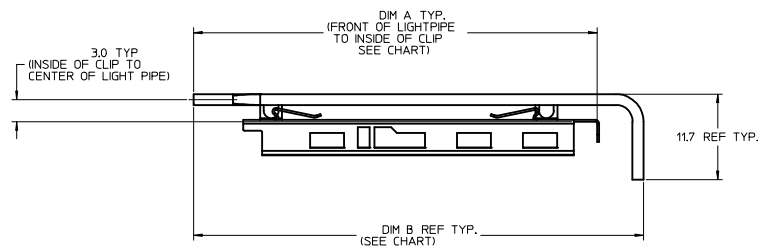
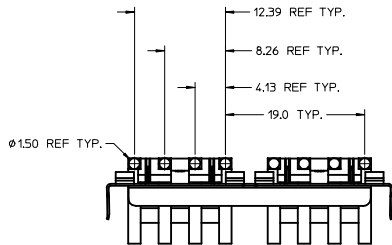
DUAL LIGHT PIPES  
PER PORT  
(747670404 SHOWN)

**NOTES:**

1. MATERIALS:  
 LIGHT PIPE CLIP: STAINLESS STEEL  
 LIGHT PIPE: POLYCARBONATE (94-V0 RATED)
2. PACKAGE: TRAY
3. RECOMMENDED LED'S INCLUDE THE FOLLOWING MANUFACTURERS:  
 DIALIGHT: 597-77X1-5XX SERIES  
 CHICAGO MINIATURE: 7016 SERIES  
 KINGBRIGHT: APBL3025 SERIES (BICOLOR)  
 APL3015 SERIES (SINGLE COLOR)
4. NO RoHS EXEMPTIONS

SEE CHART ON SHEET 3 FOR PART NUMBERS AND CHARTED DIMENSIONS

SEE REV HISTORY EEC NO: CPG2016-3161 DRAWN: ACHENG03 CHKD: APPR: CHEN08 REV:	DESCRIPTION 2016/03/02	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm      INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.15 ±--- 1 PLACE ±0.25 ±--- 0 PLACE ±--- ±--- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY      DATE BSWAJA      2012/02/09 CHECKED BY      DATE KLOYD      2012/07/11 APPROVED BY      DATE KLOYD      2012/02/16	TITLE 1X2, 1X3, 1X4, 1X5, 1X6 QSFP+ HEAT SINKS AND CLIP ASSEMBLIES <b>molex</b> MATERIAL NO.      DOCUMENT NO. SEE SHEET 3      SD-74767-0400	SHEET NO. 2 OF 5
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



QUAD LIGHT PIPES  
PER PORT  
(747670406 SHOWN)

NOTES:

- MATERIALS:  
LIGHT PIPE CLIP: STAINLESS STEEL  
LIGHT PIPE: POLYCARBONATE (94-V0 RATED)
- PACKAGE: TRAY
- RECOMMENDED LED'S INCLUDE THE FOLLOWING MANUFACTURERS:  
DIALIGHT: 597-77X1-5XX SERIES  
CHICAGO MINIATURE: 7016 SERIES  
KINGBRIGHT: APBL3025 SERIES (BICOLOR)  
APL3015 SERIES (SINGLE COLOR)
- NO RoHS EXEMPTIONS

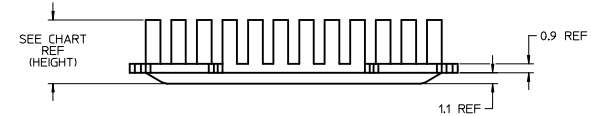
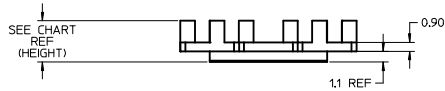
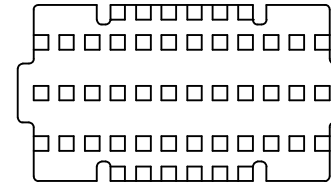
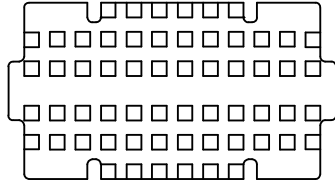
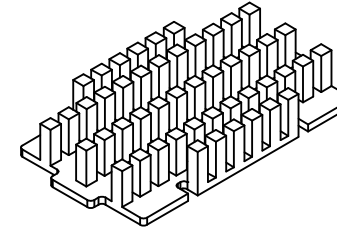
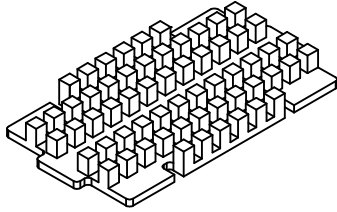
MOLEX PN (CLIP & LP ASSEMBLY)					DIM A	DIM B	LIGHT PIPES PER PORT
1x2	1x3	1x4	1x5	1x6			
747670403	747680403	747690403	747700403	747710403	55.0	62.0	NONE OR SINGLE
747670404	747680404	747690404	747700404	747710404	55.0	62.0	DUAL
747670405	N/A	N/A	N/A	N/A	53.2	63.0	
747670406	N/A	N/A	N/A	N/A	55.0	61.3	QUAD

<b>SEE REV HISTORY</b> IEC NO: CPG2016-3161 TDRWNA/CHENG03 2016/02/25 CHYK0: APPR:CHEN08 2016/03/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ±--- ±---	DRAWN BY DATE	BSWA JA 2012/02/09	TITLE	
	▽=0	3 PLACES ±0.15 ±---	CHECKED BY DATE	KLLOYD 2012/07/11	1X2, 1X3, 1X4, 1X5, 1X6 QSFP+ HEAT SINKS AND CLIP ASSEMBLIES	
	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
			KLLOYD 2012/02/16	SEE TABLE	SD-74767-0400	3 OF 5
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

NONE OR SINGLE LIGHT PIPE  
PER PORT  
(SAN HEIGHT - 747500314 SHOWN)

**HEAT SINK**

DUAL LIGHT PIPES  
PER PORT  
(SAN HEIGHT - 747500308 SHOWN)



NOTES:

1. MATERIAL:  
HEAT SINKS: BLACK ANNOXIDIZED ALUMINUM
2. PACKAGE: TRAY
3. CUSTOM HEATSINKS AVAILABLE UPON REQUEST.
4. NO RoHS EXEMPTIONS

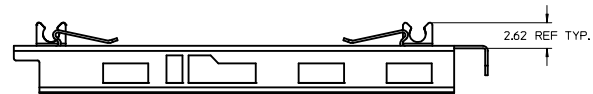
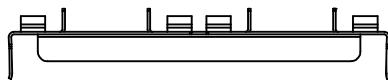
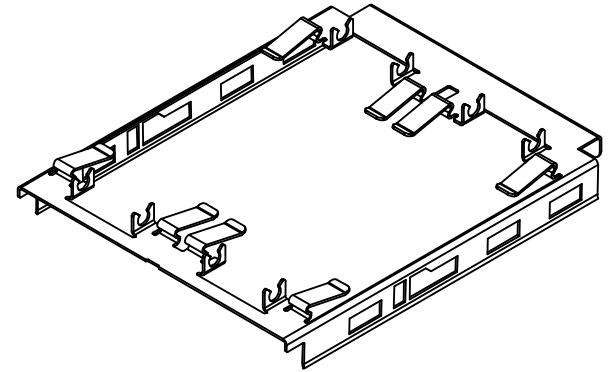
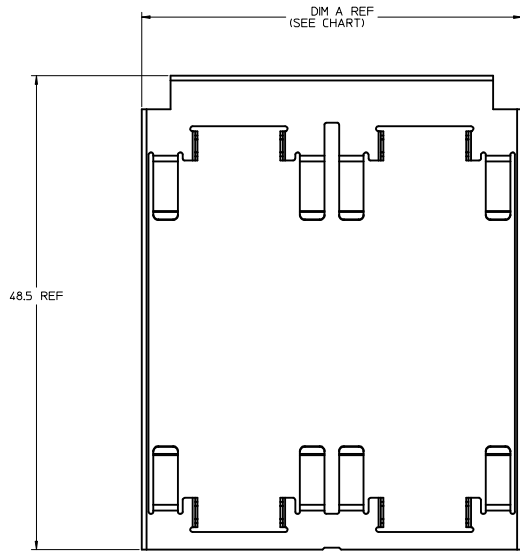
MOLEX P/N			
NONE OR SINGLE LIGHT PIPE PER PORT	DUAL LIGHT PIPES PER PORT	SYSTEM TYPE	HEIGHT (mm)
747500314	747500315	PCI	4.2
-----	747500308	SAN	6.5
747500317	747500318	NET	13.5

<b>SEE REV HISTORY</b> EC NO: CPG2016-3161 DRAWN: CHENG03 2016/02/25 CHYD: APPR: CHEN08 2016/03/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	
	▽=0	3 PLACES ± --- ± ---	BSWA JA	2012/02/09	1X2, 1X3, 1X4, 1X5, 1X6	
	2 PLACES ± 0.15 ± ---	CHECKED BY	DATE			
	1 PLACE ± 0.25 ± ---	KLLOYD	2012/07/11			QSFP+ HEAT SINKS
	0 PLACE ± --- ± ---	APPROVED BY	DATE			AND CLIP ASSEMBLIES
		KLLOYD	2012/02/16			<b>molex</b>
		ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-74767-0400		
			SIZE D			

SHEET NO. 4 OF 5



# HEAT SINK CLIP W/OUT LIGHT PIPE(1X2 SHOWN)



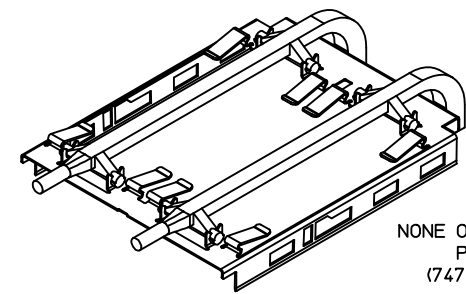
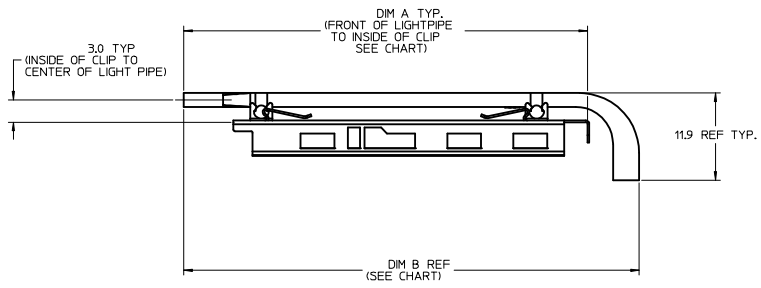
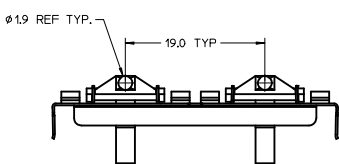
MOLEX P/N	PORT SIZE	DIM A
747830262	1x2	38.9
747830363	1x3	57.9
747830462	1x4	76.9
747830562	1x5	95.9
747830662	1x6	114.9

**NOTES:**

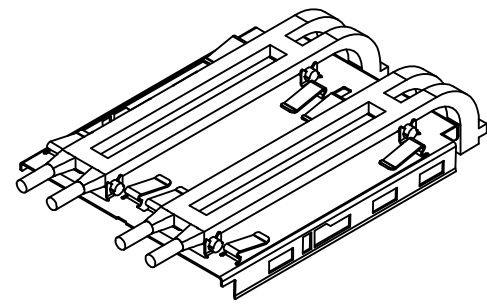
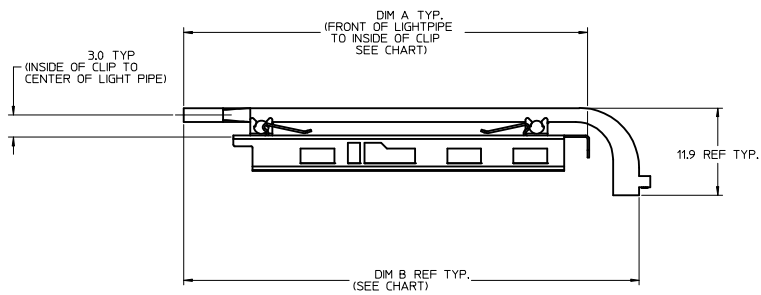
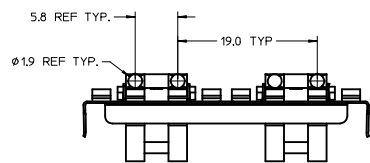
1. MATERIAL: STAINLESS STEEL
2. PACKAGING: TRAY
3. NO RoHS EXEMPTIONS

<b>SEE REV HISTORY</b> IEC NO: CPG2016-3161 DRAWN/CHENG03 2016/02/25 CHKD: APPR/CHEN08 2016/03/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ±--- ±---	MM ONLY	4:1	METRIC	☉	
	▽=0	3 PLACES ±--- ±---					
	▽=0	2 PLACES ±0.15 ±---					
		1 PLACE ±0.25 ±---					
		0 PLACE ±--- ±---					
		ANGULAR ±1/2°					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			DRAWN BY DATE				
			BSWA JA 2012/02/09				
			CHECKED BY DATE				
			KLLOYD 2012/07/11				
			APPROVED BY DATE				
			KLLOYD 2012/02/16				
			MATERIAL NO.				
			SEE TABLE				
			DOCUMENT NO.				
			SD-74767-0400				
						SHEET NO.	
						1 OF 5	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

# HEAT SINK CLIP W/ LIGHT PIPE (1X2 SHOWN)



NONE OR SINGLE LIGHT PIPE  
PER PORT  
(747670403 SHOWN)



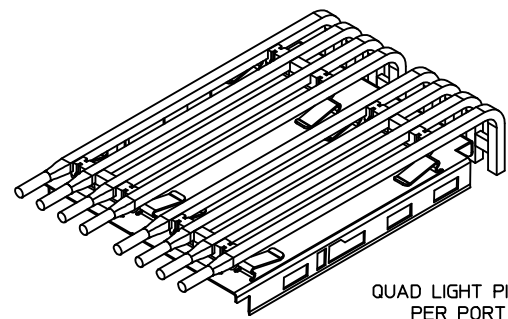
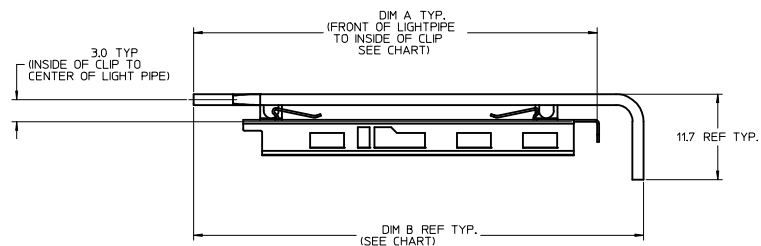
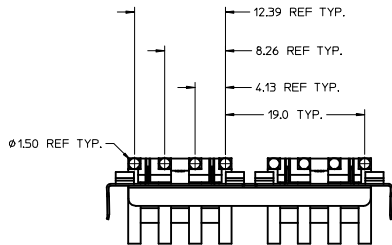
DUAL LIGHT PIPES  
PER PORT  
(747670404 SHOWN)

**NOTES:**

1. MATERIALS:  
LIGHT PIPE CLIP: STAINLESS STEEL  
LIGHT PIPE: POLYCARBONATE (94-V0 RATED)
2. PACKAGE: TRAY
3. RECOMMENDED LED'S INCLUDE THE FOLLOWING MANUFACTURERS:  
DIALIGHT: 597-77X1-5XX SERIES  
CHICAGO MINIATURE: 7016 SERIES  
KINGBRIGHT: APBL3025 SERIES (BICOLOR)  
APL3015 SERIES (SINGLE COLOR)
4. NO RoHS EXEMPTIONS

SEE CHART ON SHEET 3 FOR PART NUMBERS AND CHARTED DIMENSIONS

<b>SEE REV HISTORY</b> EC NO: CPG2016-3161 DRAWN: CHENG03 2016/02/25 CHKD: APPR: CHEN08 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>3:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±0.15	mm      INCH	DRAWN BY BSWAJA	DATE 2012/02/09	TITLE 1X2, 1X3, 1X4, 1X5, 1X6 QSFP+ HEAT SINKS AND CLIP ASSEMBLIES
	▽=0	3 PLACES ±0.25		CHECKED BY KLOYD	DATE 2012/07/11	<b>molex</b>
	▽=0	2 PLACES ±0.25	ANGULAR ±1/2°	APPROVED BY KLOYD	DATE 2012/02/16	DOCUMENT NO. <b>SD-74767-0400</b>
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	<b>SEE SHEET 3</b>		SHEET NO. 2 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



QUAD LIGHT PIPES  
PER PORT  
(747670406 SHOWN)

NOTES:

- MATERIALS:  
LIGHT PIPE CLIP: STAINLESS STEEL  
LIGHT PIPE: POLYCARBONATE (94-V0 RATED)
- PACKAGE: TRAY
- RECOMMENDED LED'S INCLUDE THE FOLLOWING MANUFACTURERS:  
DIALIGHT: 597-77X1-5XX SERIES  
CHICAGO MINIATURE: 7016 SERIES  
KINGBRIGHT: APBL3025 SERIES (BICOLOR)  
APL3015 SERIES (SINGLE COLOR)
- NO RoHS EXEMPTIONS

MOLEX PN (CLIP & LP ASSEMBLY)					DIM A	DIM B	LIGHT PIPES PER PORT
1x2	1x3	1x4	1x5	1x6			
747670403	747680403	747690403	747700403	747710403	55.0	62.0	NONE OR SINGLE
747670404	747680404	747690404	747700404	747710404	55.0	62.0	DUAL
747670405	N/A	N/A	N/A	N/A	53.2	63.0	
747670406	N/A	N/A	N/A	N/A	55.0	61.3	QUAD

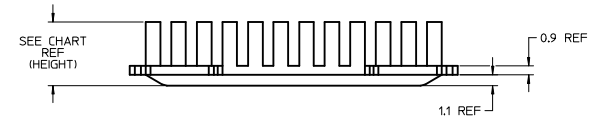
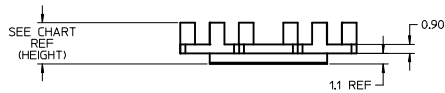
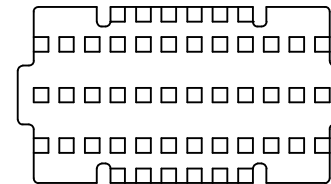
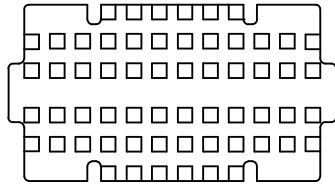
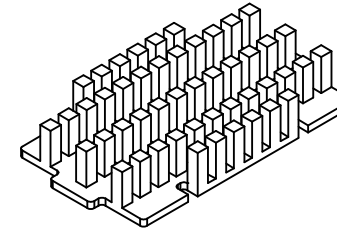
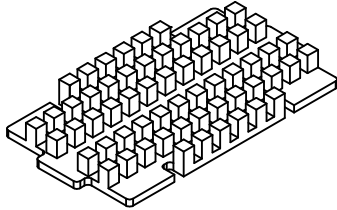
<b>SEE REV HISTORY</b> IEC NO: CPG2016-3161 TDRWNA/CHENG03 2016/02/25 CHKD: APPR:CHEN08 2016/03/02 REV DESCRIPTION	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0 ▽=0		<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table>			mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.15	±---	1 PLACE	±0.25	±---	0 PLACE	±---	±---	<b>DIMENSION STYLE</b> MM ONLY		<b>SCALE</b> 3:1	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION
		mm	INCH																								
	4 PLACES	±---	±---																								
	3 PLACES	±---	±---																								
2 PLACES	±0.15	±---																									
1 PLACE	±0.25	±---																									
0 PLACE	±---	±---																									
DRAWN BY: BSWA JA DATE: 2012/02/09 CHECKED BY: DATE: K LLOYD 2012/07/11 APPROVED BY: DATE: K LLOYD 2012/02/16			MATERIAL NO. SEE TABLE DOCUMENT NO. SD-74767-0400		<b>1X2, 1X3, 1X4, 1X5, 1X6 QSFP+ HEAT SINKS AND CLIP ASSEMBLIES</b> 																						
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
					SHEET NO. 3 OF 5																						



NONE OR SINGLE LIGHT PIPE  
PER PORT  
(SAN HEIGHT - 747500314 SHOWN)

**HEAT SINK**

DUAL LIGHT PIPES  
PER PORT  
(SAN HEIGHT - 747500308 SHOWN)



NOTES:

1. MATERIAL:  
HEAT SINKS: BLACK ANNOXIDIZED ALUMINUM
2. PACKAGE: TRAY
3. CUSTOM HEATSINKS AVAILABLE UPON REQUEST.
4. NO RoHS EXEMPTIONS

MOLEX P/N			
NONE OR SINGLE LIGHT PIPE PER PORT	DUAL LIGHT PIPES PER PORT	SYSTEM TYPE	HEIGHT (mm)
747500314	747500315	PCI	4.2
-----	747500308	SAN	6.5
747500317	747500318	NET	13.5

<b>SEE REV HISTORY</b> EC NO: CPG2016-3161 DRAWN: CHENG03 2016/02/25 CHYD: APPR: CHEN08 2016/03/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☑
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	BSWA JA 2012/02/09	1X2, 1X3, 1X4, 1X5, 1X6 QSFP+ HEAT SINKS AND CLIP ASSEMBLIES		
	2 PLACES ± 0.15 ± ---	CHECKED BY DATE	MATERIAL NO. DOCUMENT NO.			
	1 PLACE ± 0.25 ± ---	KLLOYD 2012/07/11	SEE TABLE SD-74767-0400			
	0 PLACE ± --- ± ---	APPROVED BY DATE	SHEET NO.			
	ANGULAR ± 1/2°	KLLOYD 2012/02/16	4 OF 5			
	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			

