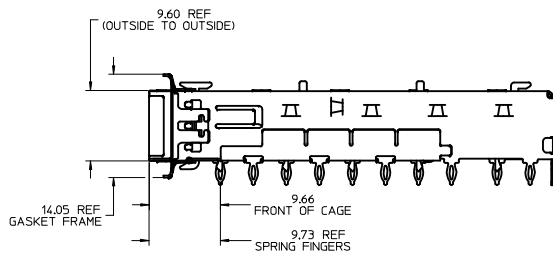
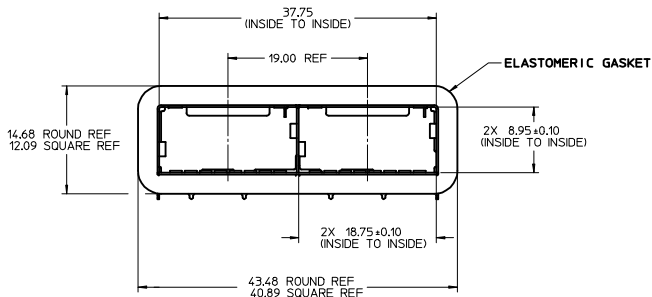
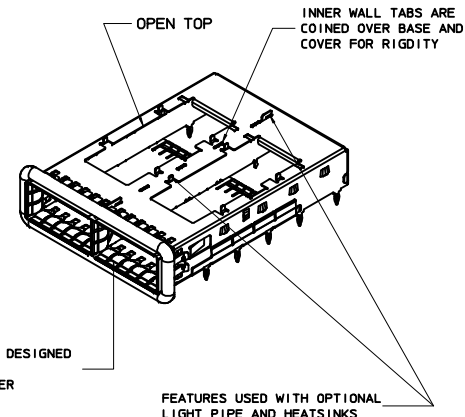
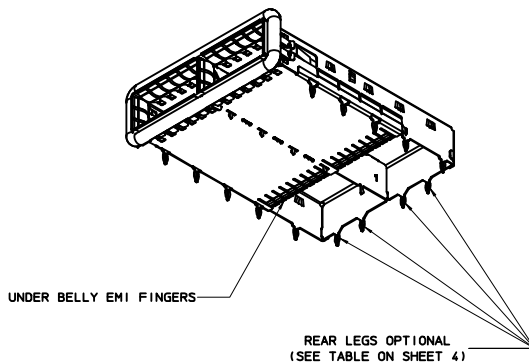
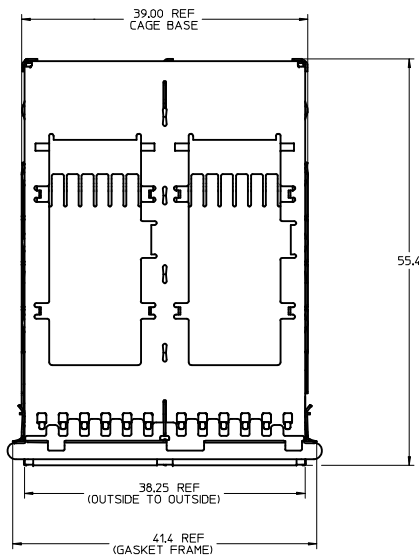


BASE CAGE DETAILS

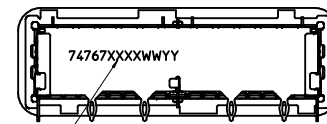
(APPLIES TO ALL CAGES IN THIS DRAWING)

747670212

SHOWN



NOTE:
ELASTOMER GASKET REMOVED FOR CLARITY.



PN/DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

NOTE:
INNER SPRING FINGERS HAVE BEEN REMOVED FOR CLARITY.

| WEEK/YEAR DATE CODE TABLE | |
|---------------------------|--|
| WW | 01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR |
| YY | 12, 13, 14 ETC. EXAMPLE: YEAR 2014 = 14 |

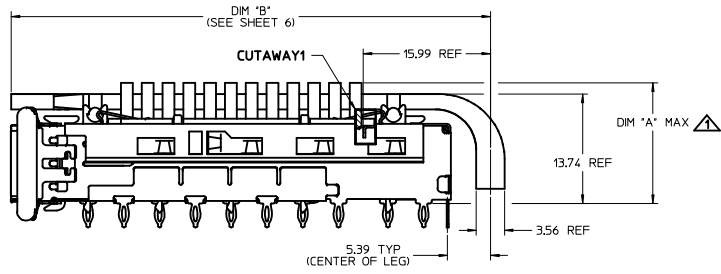
NOTES:

- QSFP+ ASSEMBLES ALSO AVAILABLE AND 1X1 (74750 SERIES), 1X3 (74768 SERIES), 1X4 (74769 SERIES), AND 1X6 (74771 SERIES) CONFIGURATIONS.
- MATERIAL:
LIGHT PIPE/HEATSINK CLIP: STAINLESS STEEL
LIGHT PIPES: POLYCARBONATE (94-V0 RATED)
HEAT SINKS: ANNOXIDIZED ALUMINUM
CAGE: COPPER ALLOY, NICKEL PLATED
- NO RoHS EXEMPTIONS
- CUSTOM HEATSINKS AVAILABLE UPON REQUEST

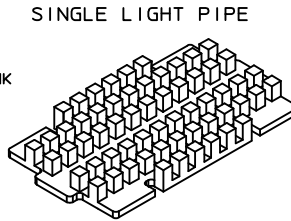
| | | | | | | | | | |
|--|--------------------------------------|--|---------|----------------------------|--------------------|---|------------------------|------------------------|--|
| SEE REV HISTORY EC NO: CPG2015-1687 DRAWN BY: JERWIN 2014/09/24 CHECKED BY: CHYKGBARDELLA 2014/09/24 APPR: K LLOYD 2014/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.15 ±--- 1 PLACE ±0.25 ±--- 0 PLACE ±--- ±--- | mm INCH | DRAWN BY JERWIN | DATE 2011/05/16 | TITLE QSFP+ 1X2 GANGED CAGE ASSEMBLIES | | | |
| | | ANGULAR ± 1 ° | | CHECKED BY CHIRSCHY | DATE 2011/05/16 | MATERIAL NO. SHT 5, 6 & 7 | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY RMAHMOOD | DATE 2011/06/10 | | | | |

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

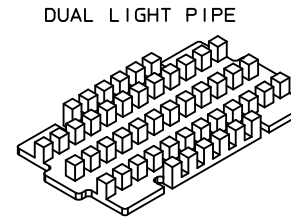
CAGE ASSEMBLY OPTIONS



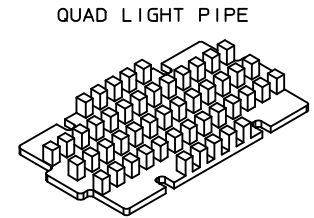
PCI HEATSINK
(PIN STYLE)



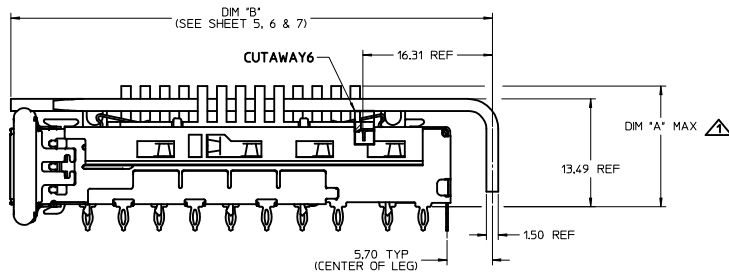
SINGLE LIGHT PIPE



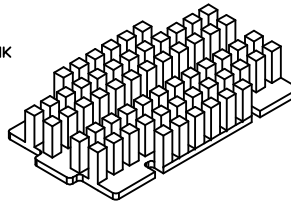
DUAL LIGHT PIPE



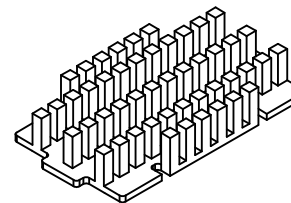
QUAD LIGHT PIPE



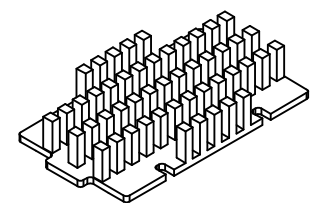
SAN HEATSINK
(PIN STYLE)



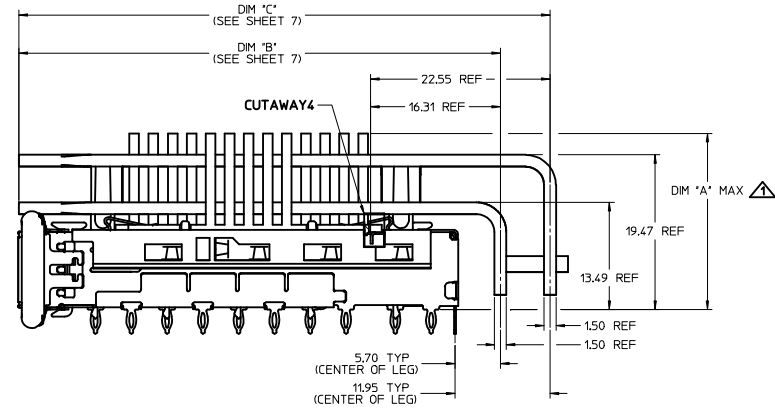
SAN HEATSINK
(PIN STYLE)



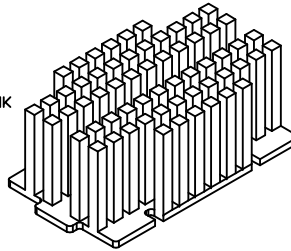
SAN HEATSINK
(PIN STYLE)



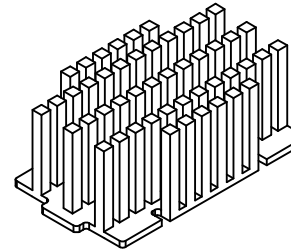
SAN HEATSINK
(PIN STYLE)



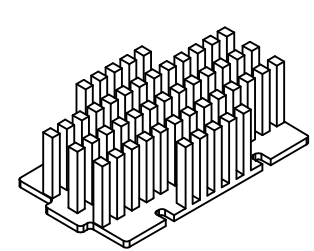
NET HEATSINK
(PIN STYLE)



NET HEATSINK
(PIN STYLE)



NET HEATSINK
(PIN STYLE)



NET HEATSINK
(PIN STYLE)

HEATSINK HEIGHT OPTIONS

| OVERALL HEATSINK HEIGHT | DIM 'A' |
|-------------------------|---------|
| PCI | 13.7 |
| SAN | 16.0 |
| NET | 23.0 |

HEIGHT OF HEATSINK WITH MODULE INSERTED.
DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS.

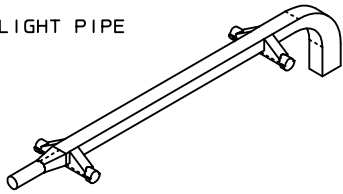
NOTE:
1) FOR LIGHT PIPE OPTIONS SEE SHEET 3.

| | | | | | | | | |
|---|---|--|--|--|--|---|------------------------|-------------------------------|
| SEE REV HISTORY IEC NO: CPG2015-1687 DRAWN BY: JERWIN 2014/09/24 CHECKED BY: CHRYS BARELLA 2014/09/24 APPR: KLOVD 2014/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 3.5:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | mm INCH | | DRAWN BY: JERWIN DATE: 2011/05/16 | | TITLE QSFP+ 1X2 GANGED CAGE ASSEMBLIES | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± --- | | CHECKED BY: CHRISRSCHY DATE: 2011/05/16 | | MATERIAL NO. | | |
| | | ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY: RMAHMOOD DATE: 2011/06/10 | | SHT 5, 6 & 7 | | DOCUMENT NO. SD-74767-0501 |

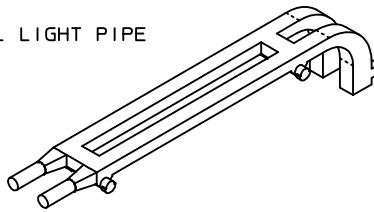
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

CAGE ASSEMBLY OPTIONS (CONT.)

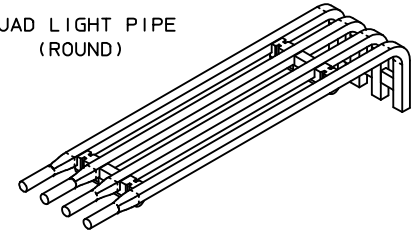
SINGLE LIGHT PIPE



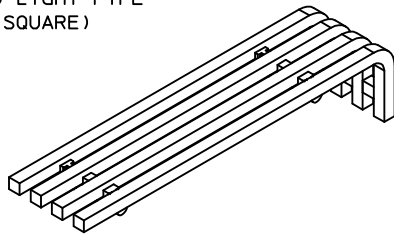
DUAL LIGHT PIPE



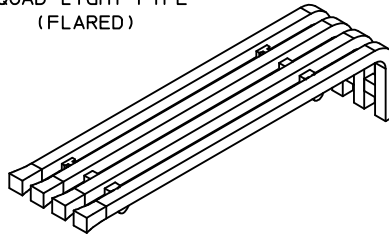
QUAD LIGHT PIPE
(ROUND)



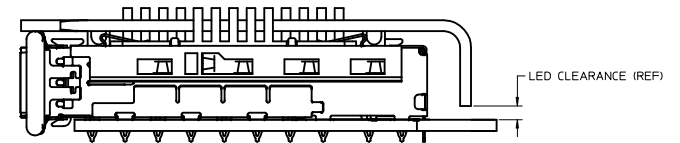
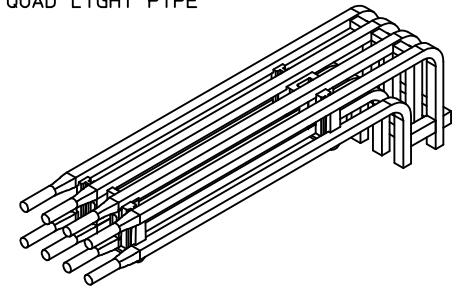
QUAD LIGHT PIPE
(SQUARE)



QUAD LIGHT PIPE
(FLARED)



2 ROW QUAD LIGHT PIPE

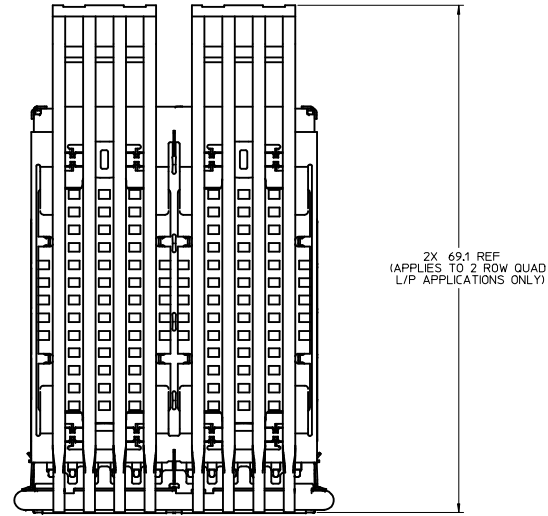
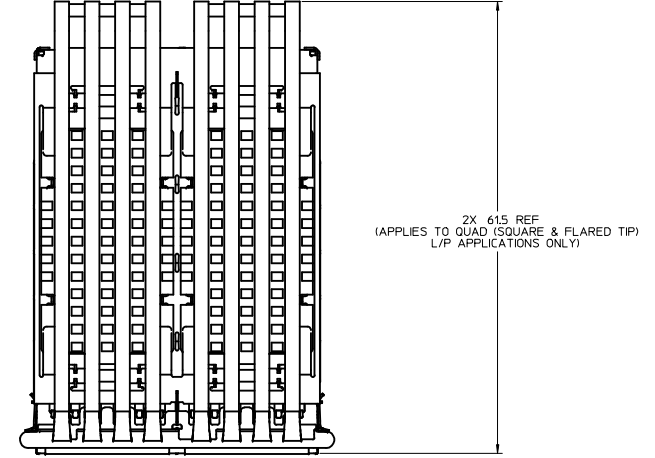
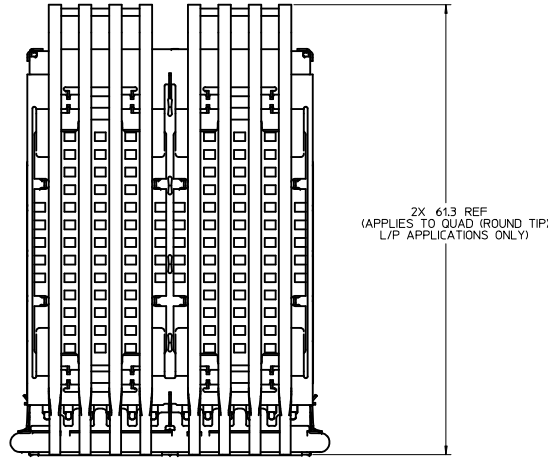
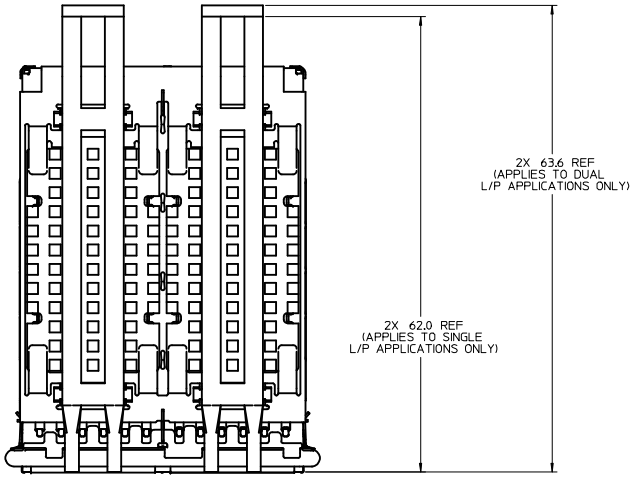


| LIGHT PIPE | LED CLEARANCE (REF) |
|-------------------|---------------------|
| SINGLE | 1.875 |
| DUAL | 1.875 |
| QUAD (ROUND TIP) | 1.875 |
| QUAD (SQUARE TIP) | 1.875 |
| QUAD (FLARED TIP) | 1.725 |
| QUAD (2 ROW) | 1.875 |

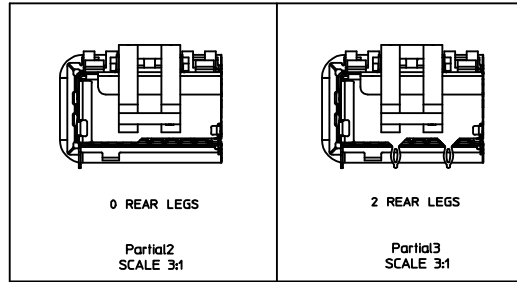
NOTE:
1) FOR HEATSINK OPTIONS SEE SHEET 2.

| | | | | | | | |
|---|---|---|--|-----------------------------------|--|--|---------------------------|
| SEE REV HISTORY IEC NO: CPG2015-1687 DRAWN BY: JERWIN 2014/09/24 CHECKED BY: CHYK-GARDELLA 2014/09/24 APPR: KLOYD 2014/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES ± mm ± INCH | DRAWN BY: JERWIN DATE: 2011/05/16 | | TITLE: QSFP+ 1X2 GANGED CAGE ASSEMBLIES | | |
| | | 3 PLACES ± 0.15 | CHECKED BY: CHIRSCHY DATE: 2011/05/16 | | molex | | |
| | | 2 PLACES ± 0.25 1 PLACE ± 0.25 0 PLACE ± 0.25 | APPROVED BY: MAHMOOD DATE: 2011/06/10 | | DOCUMENT NO: SD-74767-0501 | | |
| ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO: SHT 5, 6 & 7 | | SHEET NO: 3 OF 12 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |

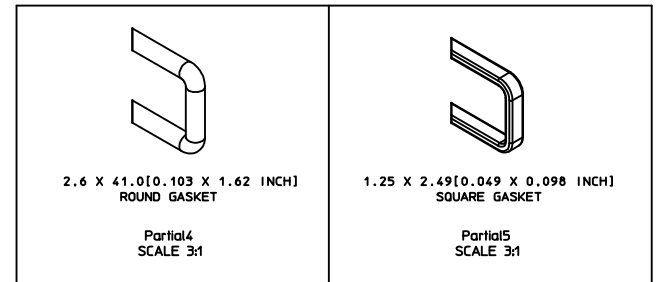
CAGE ASSEMBLY OPTIONS (CONT.)



REAR LEG OPTIONS



ELASTOMERIC GASKET OPTIONS

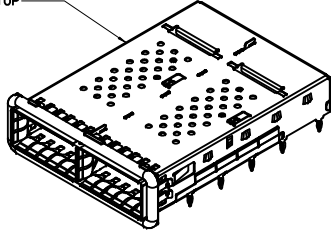


| | | | | | | | | | |
|---|---|---|---|--------------------------------------|---------------------|----------------------------------|------------------------|---|-----------|
| SEE REV HISTORY IEC NO: CPG2015-1687 DRAWN BY: JERWIN 2014/09/24 CHECKED BY: CHYKXBARRELLA 2014/09/24 APPR: KLOYD 2014/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES ± 0.15 ± 0.005 3 PLACES ± 0.25 ± 0.005 2 PLACES ± 0.50 ± 0.010 1 PLACE ± 1.00 ± 0.020 0 PLACE ± 1.50 ± 0.030 | mm INCH | DRAWN BY: JERWIN DATE: 2011/05/16 | TITLE: | OSFP+ 1X2 GANGED CAGE ASSEMBLIES | MATERIAL NO. | DOCUMENT NO. | SHEET NO. |
| | | ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | APPROVED BY: RMAHMOOD DATE: 2011/06/10 | SIZE: | SHT 5, 6 & 7 | SD-74767-0501 | 4 OF 12 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
| | | | | | | | | | 4 OF 12 |

PART NUMBER SELECTION

NO HEATSINKS
NO LIGHT PIPES

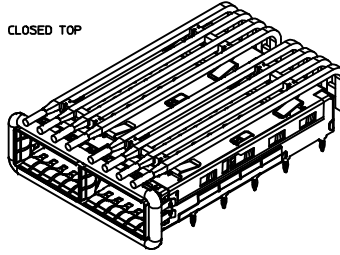
CLOSED TOP



| MOLEX P/N | # OF REAR LEGS PER PORT |
|-----------|-------------------------|
| 747670213 | 0 |
| 747670215 | 2 |

NO HEATSINKS
WITH LIGHT PIPES

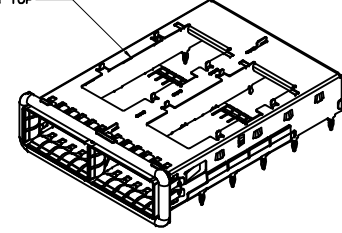
CLOSED TOP



| MOLEX P/N | LP | TIP STYLE | # OF REAR LEGS PER PORT | DIM 'B' |
|-----------|--------|-----------|-------------------------|---------|
| 747670217 | SINGLE | ROUND | 2 | 60.25 |
| 747670218 | DUAL | ROUND | 2 | 60.25 |
| 747670219 | QUAD | ROUND | 2 | 60.54 |
| 747670220 | SINGLE | ROUND | 0 | 60.25 |
| 747670221 | DUAL | ROUND | 0 | 60.25 |
| 747670222 | QUAD | ROUND | 0 | 60.54 |

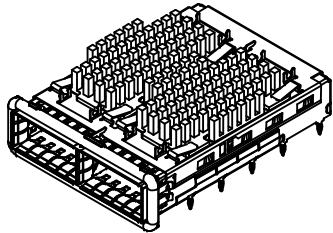
NO HEATSINKS
NO LIGHT PIPES

OPEN TOP



| MOLEX P/N | GASKET STYLE | # OF REAR LEGS PER PORT |
|-----------|--------------|-------------------------|
| 747670204 | SQUARE | 0 |
| 747670205 | SQUARE | 2 |
| 747670206 | ROUND | 0 |
| 747670207 | ROUND | 2 |
| 747670208 | SQUARE | 2 |
| 747670209 | SQUARE | 0 |
| 747670210 | ROUND | 0 |
| 747670212 | ROUND | 2 |

WITH HEATSINKS
NO LIGHT PIPES

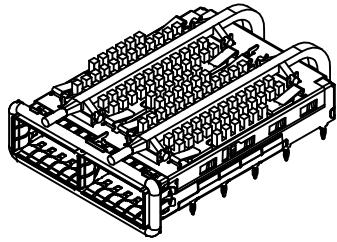


| MOLEX P/N | HS | # OF REAR LEGS PER PORT |
|-----------|-----|-------------------------|
| 747670505 | PCI | 2 |
| 747670506 | SAN | 2 |
| 747670507 | NET | 2 |
| 747670605 | PCI | 0 |
| 747670606 | SAN | 0 |
| 747670607 | NET | 0 |

| | | | | | | | | | |
|--|--------------------------------------|---|--|---|--|--------------------------------------|-------------------------------|--|--|
| SEE REV HISTORY EC NO: LP62005-4687 DRAWN BY: FERMIN 2011/09/24 CHECKED BY: CHIROSCHIA 2011/09/24 APPROVED BY: APPERKILLOO 2011/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ±---+--- 3 PLACES ±---+--- 2 PLACES ±0.15+--- 1 PLACE ±0.25+--- 0 PLACE ±---+--- | | mm INCH +---+--- +---+--- +---+--- +---+--- +---+--- +---+--- +---+--- +---+--- | | DRAWN BY DATE JERWIN 2011/05/16 | | TITLE QSFP+ 1X2 GANGED CAGE ASSEMBLIES | |
| | | ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY DATE RMAHMOOD 2011/06/10 | | MATERIAL NO. SD-74767-0501 | | SHEET NO. 5 OF 12 | |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

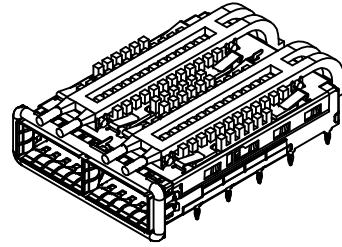
PART NUMBER SELECTION (CON'T)

SINGLE LIGHT PIPE
WITH HEATSINKS



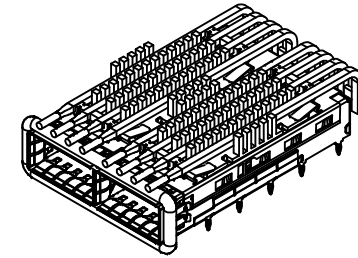
| MOLEX P/N | LP | TIP STYLE | HS | # OF REAR LEGS PER PORT | DIM "B" |
|-----------|--------|-----------|-----|-------------------------|---------|
| 747670501 | SINGLE | ROUND | SAN | 2 | 60.25 |
| 747670502 | SINGLE | ROUND | NET | 2 | 60.25 |
| 747670512 | SINGLE | ROUND | PCI | 2 | 60.25 |
| 747670601 | SINGLE | ROUND | SAN | 0 | 60.25 |
| 747670602 | SINGLE | ROUND | NET | 0 | 60.25 |

DUAL LIGHT PIPE
WITH HEATSINKS



| MOLEX P/N | LP | TIP STYLE | HS | # OF REAR LEGS PER PORT | DIM "B" |
|-----------|------|-----------|-----|-------------------------|---------|
| 747670503 | DUAL | ROUND | SAN | 2 | 60.25 |
| 747670504 | DUAL | ROUND | NET | 2 | 60.25 |
| 747670511 | DUAL | ROUND | PCI | 2 | 60.25 |
| 747670603 | DUAL | ROUND | SAN | 0 | 60.25 |
| 747670604 | DUAL | ROUND | NET | 0 | 60.25 |

QUAD LIGHT PIPE
WITH HEATSINKS

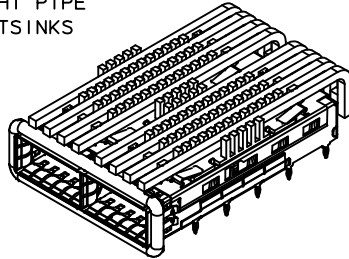


| MOLEX P/N | LP | TIP STYLE | GASKET STYLE | HS | # OF REAR LEGS PER PORT | DIM "B" |
|-----------|------|-----------|--------------|-----|-------------------------|---------|
| 747670517 | QUAD | ROUND | ROUND | PCI | 2 | 60.54 |
| 747670518 | QUAD | ROUND | ROUND | SAN | 2 | 60.54 |
| 747670519 | QUAD | ROUND | ROUND | NET | 2 | 60.54 |
| 747670520 | QUAD | ROUND | ROUND | PCI | 0 | 60.54 |
| 747670521 | QUAD | ROUND | ROUND | SAN | 0 | 60.54 |
| 747670522 | QUAD | ROUND | ROUND | NET | 0 | 60.54 |
| 747670537 | QUAD | ROUND | SQUARE | PCI | 2 | 60.54 |
| 747670538 | QUAD | ROUND | SQUARE | SAN | 2 | 60.54 |
| 747670539 | QUAD | ROUND | SQUARE | NET | 2 | 60.54 |
| 747670540 | QUAD | ROUND | SQUARE | PCI | 0 | 60.54 |
| 747670541 | QUAD | ROUND | SQUARE | SAN | 0 | 60.54 |
| 747670542 | QUAD | ROUND | SQUARE | NET | 0 | 60.54 |

| SEE REV HISTORY EC NO: CPG2015-1687 DRAWN BY: JERWIN 2014/09/24 CHECKED BY: CHYKOSBARIELLA 2014/09/24 APPROVED BY: APPR:KLLOYD 2014/12/15 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0002</td> </tr> <tr> <td>3 PLACES</td> <td>±.008</td> <td>±.0003</td> </tr> <tr> <td>2 PLACES</td> <td>±0.15</td> <td>±.006</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±.010</td> </tr> <tr> <td>0 PLACE</td> <td>±.000</td> <td>±.000</td> </tr> </tbody> </table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | mm | INCH | 4 PLACES | ±.005 | ±.0002 | 3 PLACES | ±.008 | ±.0003 | 2 PLACES | ±0.15 | ±.006 | 1 PLACE | ±0.25 | ±.010 | 0 PLACE | ±.000 | ±.000 | DIMENSION STYLE MM ONLY DRAWN BY: JERWIN DATE: 2011/05/16 CHECKED BY: CHIRSCHY DATE: 2011/05/16 APPROVED BY: RMAHMOOD DATE: 2011/06/10 | SCALE: 2:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION | OSFP+ 1X2 GANGED CAGE ASSEMBLIES MATERIAL NO. SEE CHART DOCUMENT NO. SD-74767-0501 SHEET NO. 6 OF 12 |
|--|--------------------------------------|--|--------|----|------|----------|-------|--------|----------|-------|--------|----------|-------|-------|---------|-------|-------|---------|-------|-------|---|--|---|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ±.005 | ±.0002 | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ±.008 | ±.0003 | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ±0.15 | ±.006 | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ±0.25 | ±.010 | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ±.000 | ±.000 | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE: D | | | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | |

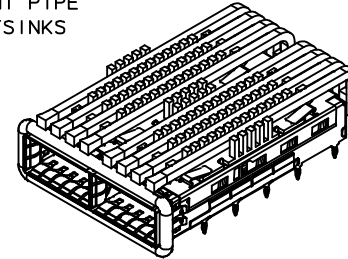
PART NUMBER SELECTION (CON'T)

QUAD LIGHT PIPE WITH HEATSINKS



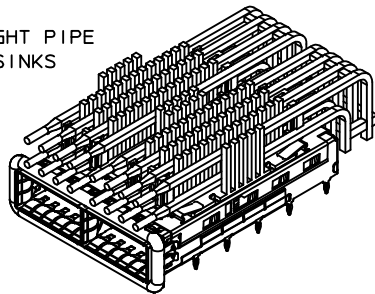
| MOLEX P/N | LP | TIP STYLE | HS | # OF REAR LEGS PER PORT | DIM 'B' |
|-----------|------|-----------|-----|-------------------------|---------|
| 747670531 | QUAD | SQUARE | PCI | 2 | 60.54 |
| 747670532 | QUAD | SQUARE | SAN | 2 | 60.54 |
| 747670533 | QUAD | SQUARE | NET | 2 | 60.54 |
| 747670534 | QUAD | SQUARE | PCI | 0 | 60.54 |
| 747670535 | QUAD | SQUARE | SAN | 0 | 60.54 |
| 747670536 | QUAD | SQUARE | NET | 0 | 60.54 |

QUAD LIGHT PIPE WITH HEATSINKS



| MOLEX P/N | LP | TIP STYLE | GASKET STYLE | HS | # OF REAR LEGS PER PORT | DIM 'B' |
|-----------|------|-----------|--------------|-----|-------------------------|---------|
| 747670523 | QUAD | FLARED | ROUND | PCI | 2 | 60.54 |
| 747670524 | QUAD | FLARED | ROUND | SAN | 2 | 60.54 |
| 747670525 | QUAD | FLARED | ROUND | NET | 2 | 60.54 |
| 747670526 | QUAD | FLARED | ROUND | PCI | 0 | 60.54 |
| 747670527 | QUAD | FLARED | ROUND | SAN | 0 | 60.54 |
| 747670528 | QUAD | FLARED | ROUND | NET | 0 | 60.54 |
| 747670543 | QUAD | FLARED | SQUARE | PCI | 2 | 60.54 |
| 747670544 | QUAD | FLARED | SQUARE | SAN | 2 | 60.54 |
| 747670545 | QUAD | FLARED | SQUARE | NET | 2 | 60.54 |
| 747670546 | QUAD | FLARED | SQUARE | PCI | 0 | 60.54 |
| 747670547 | QUAD | FLARED | SQUARE | SAN | 0 | 60.54 |
| 747670548 | QUAD | FLARED | SQUARE | NET | 0 | 60.54 |

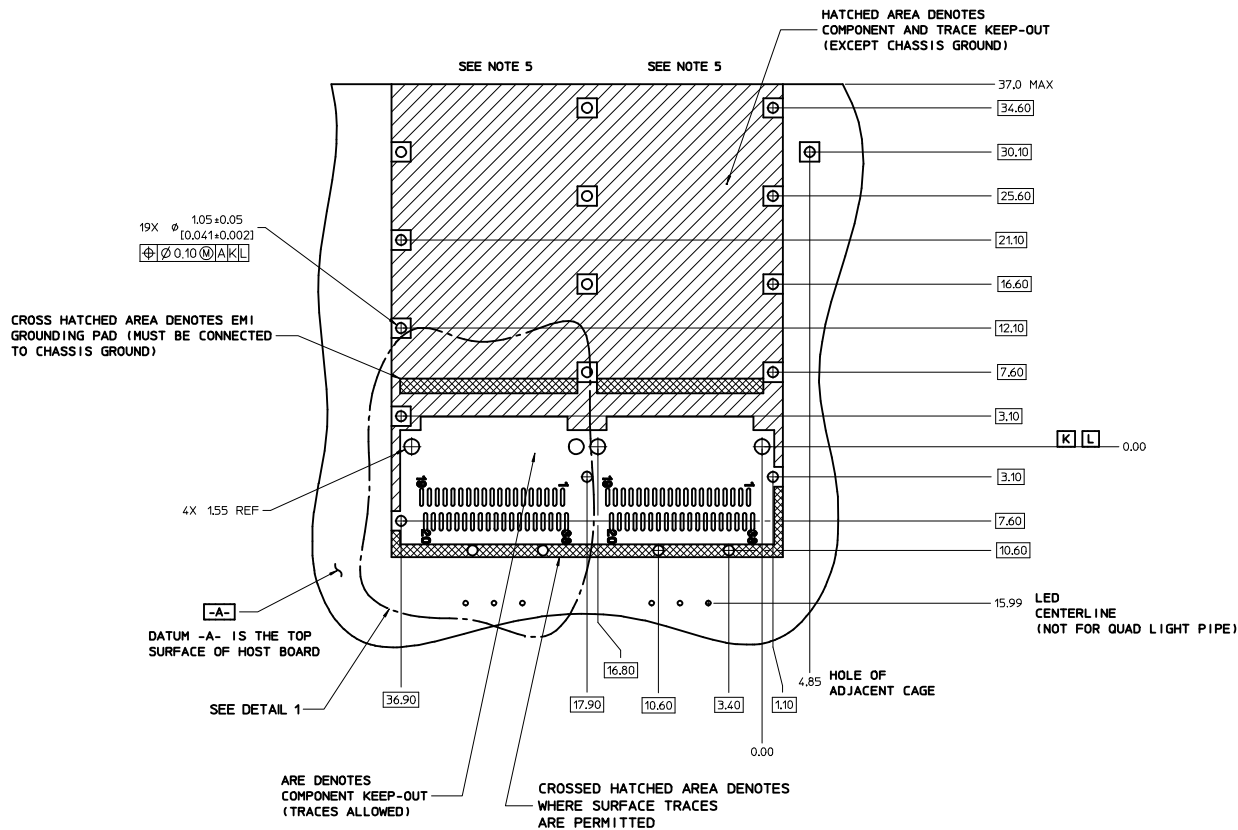
2 ROW QUAD LIGHT PIPE WITH HEAT SINKS



| MOLEX P/N | LP | TIP STYLE | GASKET STYLE | HS | # OF REAR LEGS PER PORT | DIM 'B' | DIM 'C' |
|-----------|------------|-----------|--------------|-----|-------------------------|---------|---------|
| 747670529 | 2 ROW QUAD | ROUND | ROUND | NET | 0 | 60.54 | 66.78 |
| 747670530 | 2 ROW QUAD | ROUND | ROUND | NET | 2 | 60.54 | 66.78 |
| 747670549 | 2 ROW QUAD | ROUND | SQUARE | NET | 0 | 60.54 | 66.78 |
| 747670550 | 2 ROW QUAD | ROUND | SQUARE | NET | 2 | 60.54 | 66.78 |
| 747670551 | 2 ROW QUAD | ROUND | SQUARE | SAN | 0 | 60.54 | 66.78 |
| 747670552 | 2 ROW QUAD | ROUND | SQUARE | SAN | 2 | 60.54 | 66.78 |

| | | | | | | | | |
|---|---|---|--|--------------------------------------|--|----------------------|-------------------------------|---|
| SEE REV HISTORY EC NO: CPG2015-1687 DRAWN: JERWIN 2014/09/24 CHECKED: GARDELLA 2014/09/24 APPR: KLOYD 2014/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES ± mm INCH ± --- | | DRAWN BY JERWIN | | DATE 2011/05/16 | | OSFP+ 1X2 GANGED CAGE ASSEMBLIES |
| | | 3 PLACES ± --- ± --- | | CHECKED BY DATE | | 2011/05/16 | | |
| | | 2 PLACES ± 0.15 ± --- | | APPROVED BY DATE | | 2011/06/10 | | |
| 1 PLACE ± 0.25 ± --- | | MATERIAL NO. SHT 5, 6 & 7 | | DOCUMENT NO. SD-74767-0501 | | | | |
| 0 PLACE ± --- ± --- | | ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE D | | SHEET NO. 7 OF 12 | | |

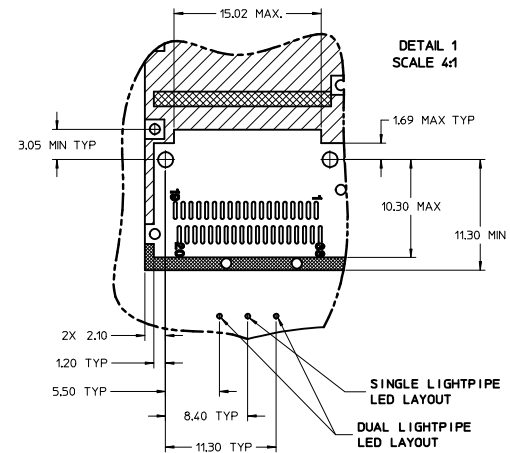
PCB LAYOUT FOR SINGLE SIDED MOUNTING



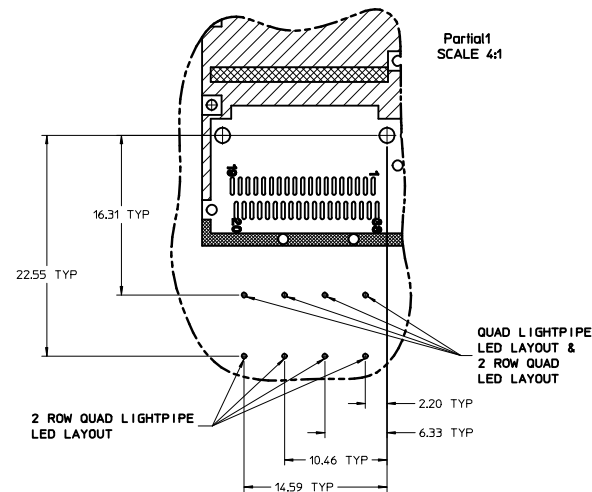
NOTES:

1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER QSFP MSA WILL ACCOMMODATE MOLEX CONNECTOR 75586-0010 OR 75586-0011.
4. SINGLE SIDED BOARD THICKNESS:
NONIMAL: 1.60 [0.062"]
MINIMUM: 1.44 [0.057"]
5. SPACING BETWEEN PORTS IS 19.00 [0.748"].
6. LED SHOULD BE PLACED RELATIVE TO THE QSFP CONNECTOR POST HOLES

HOST CONNECTOR DETAIL



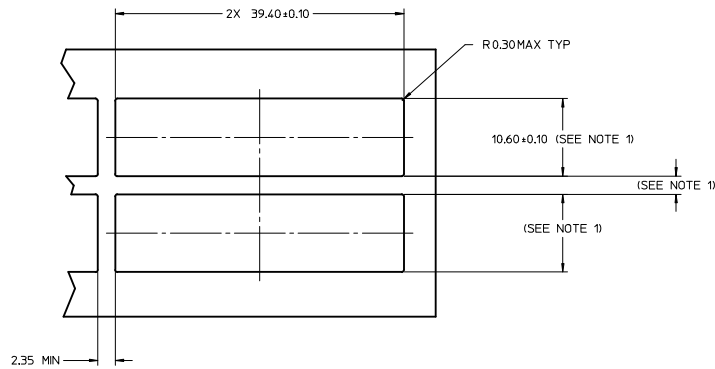
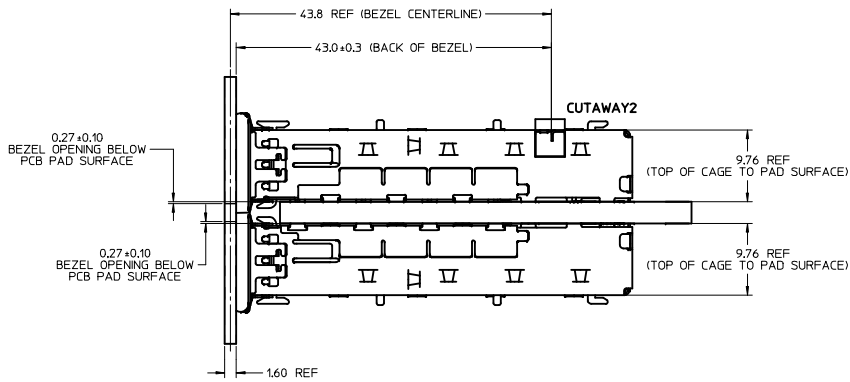
FOR QUAD & 2 ROW QUAD LIGHT PIPE ONLY



| | | | | | | | |
|---|---|--|--------------|-----------------------------------|--------------------|------------------------|---------------------------|
| REV HISTORY IEC NO: CPG2015-1687 DRAWN: JERWIN 2014/09/24 CHECKED: CHYK-GARRELLA 2014/09/24 APPR: K LLOYD 2014/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± --- | mm INCH | DRAWN BY JERWIN | DATE 2011/05/16 | CHECKED BY CHIRSCHY | DATE 2011/05/16 |
| ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SHT 5, 6 & 7 | | DOCUMENT NO. SD-74767-0501 | | SHEET NO. 8 OF 12 | |

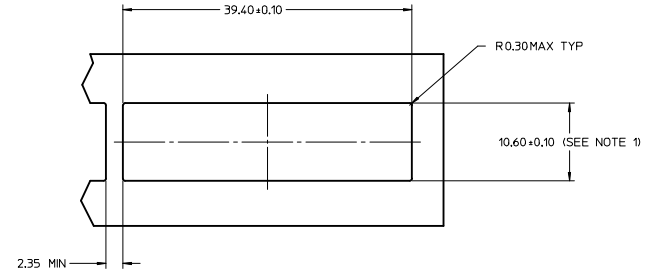
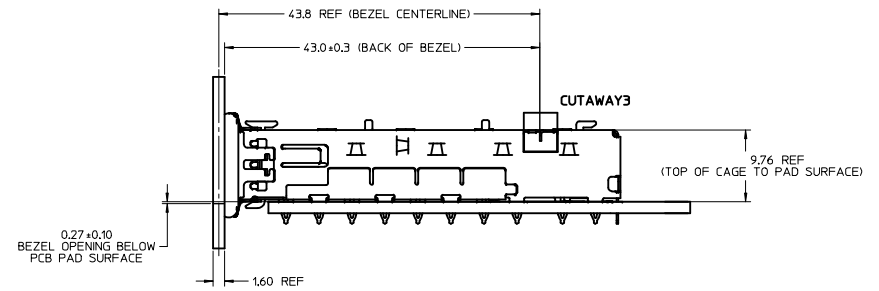
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

BOARD POSITION AND BEZEL DIMENSIONS FOR BELLY TO BELLY MOUNTING



NOTES:
 1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION

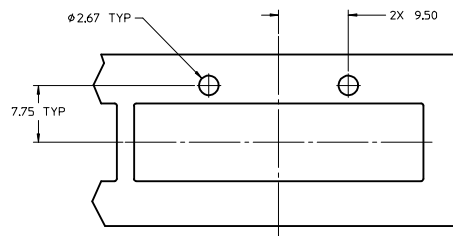
BOARD POSITION AND BEZEL DIMENSIONS FOR SINGLE SIDE MOUNTING



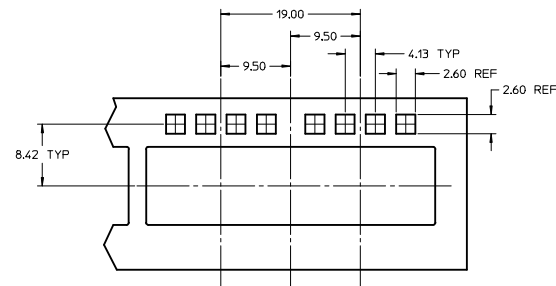
| | | | | | | | | | |
|--|---|---|----------------------|--|----------------------|------------------------------|--|-------------------------------|---|
| SEE REV HISTORY IEC NO: CPG2015-1687 DRAWN BY: JERWIN 2011/09/24 CHKD: GARBELLA 2011/09/24 APPR: KLOYD 2011/12/15 | QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES ± mm ± INCH | 3 PLACES ± --- ± --- | 2 PLACES ± 0.15 ± --- | 1 PLACE ± 0.25 ± --- | 0 PLACE ± --- ± --- | DRAWN BY: JERWIN DATE: 2011/05/16 CHECKED BY: CHIRSCHY DATE: 2011/05/16 APPROVED BY: RMAHMOOD DATE: 2011/06/10 | | TITLE QSFP+ 1X2 GANGED CAGE ASSEMBLIES |
| | | ANGULAR ± 1 ° | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SHT 5, 6 & 7 | | DOCUMENT NO. SD-74767-0501 | SHEET NO. 10 OF 12 |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | |

LIGHTPIPE CUTOUT DIMENSIONS

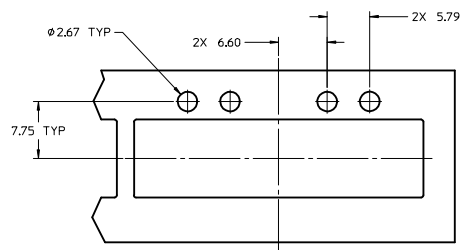
SINGLE LIGHT PIPE



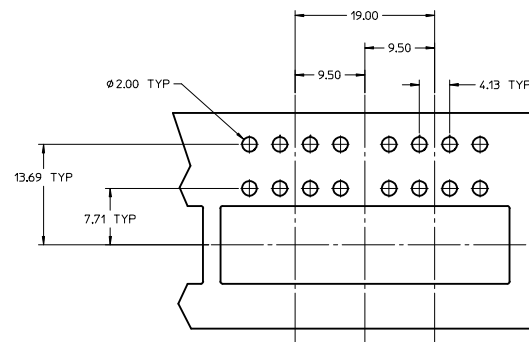
QUAD LIGHT PIPE (SQUARE)



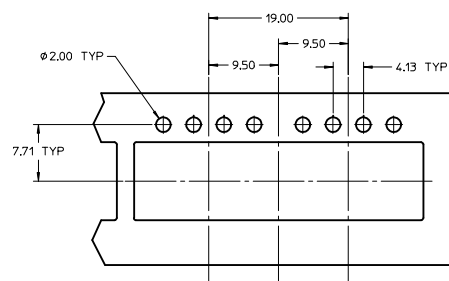
DUAL LIGHT PIPE



2 ROW QUAD LIGHT PIPE



QUAD LIGHT PIPE (ROUND)



NOTES:

1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION

| | | | | | | |
|--|--|---------------------------------------|---|----------------------------------|--------------|------------------------|
| SEE REV HISTORY IEC NO: CPG2015-1687 DRAWN: JERWIN 2014/09/24 CHECKED: GARDELLA 2014/09/24 APPR: KLOYD 2014/12/15 | 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 | TITLE | | |
| | ▽=0 | 3 PLACES ± --- ± --- | JERWIN 2011/05/16 | QSFP+ 1X2 GANGED CAGE ASSEMBLIES | | |
| ▽=0 | 2 PLACES ± 0.15 ± --- | CHECKED BY DATE | DOCUMENT NO. | | | |
| ▽=0 | 1 PLACE ± 0.25 ± --- | CHIRSCHY 2011/05/16 | SD-74767-0501 | | | |
| ▽=0 | 0 PLACE ± --- ± --- | APPROVED BY DATE | SHEET NO. | | | |
| | ANGULAR ± 1 ° | RAHMOOD 2011/06/10 | 11 OF 12 | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. | SIZE | | | |
| | | SHT 5, 6 & 7 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

