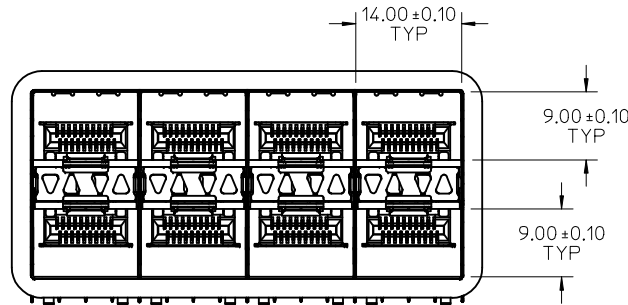
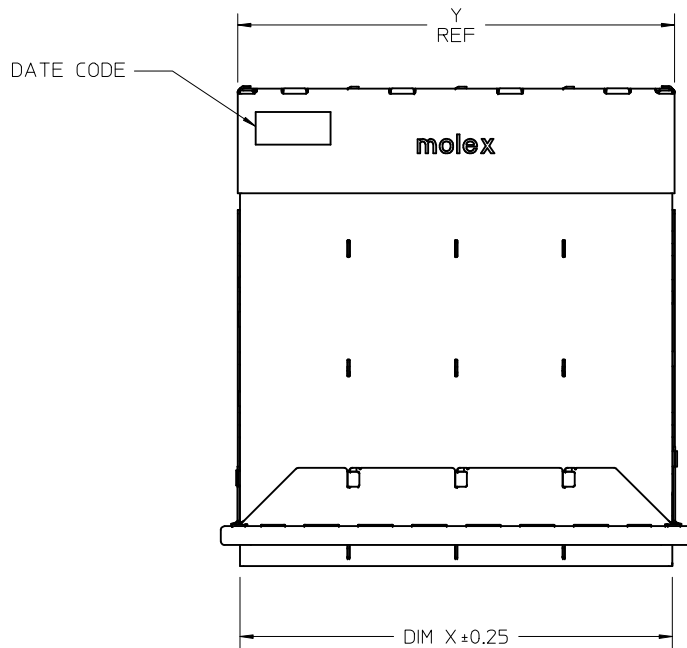




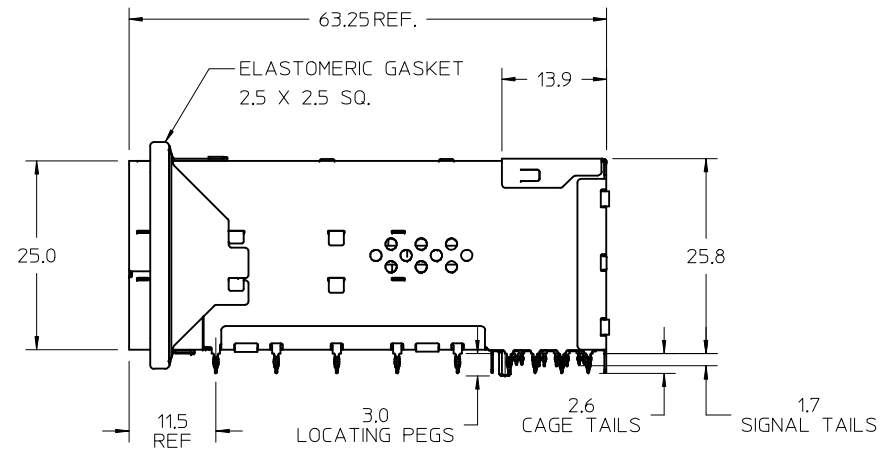
| NUMBER OF PORTS | PART NUMBER | DIM X  | DIM Y  |
|-----------------|-------------|--------|--------|
| 2X1             | 170071101*  | 14.50  | 15.10  |
| 2X2             | 170071201*  | 28.75  | 29.35  |
| 2X4             | 170071401*  | 57.25  | 57.85  |
| 2X6             | 170071601*  | 85.75  | 86.35  |
| 2X8             | 170071801*  | 114.25 | 114.85 |
| 2X12            | 170071121*  | 171.25 | 171.85 |

\*-DESIGNATES LIGHT PIPE CONFIGURATIONS, SEE SHEET 2

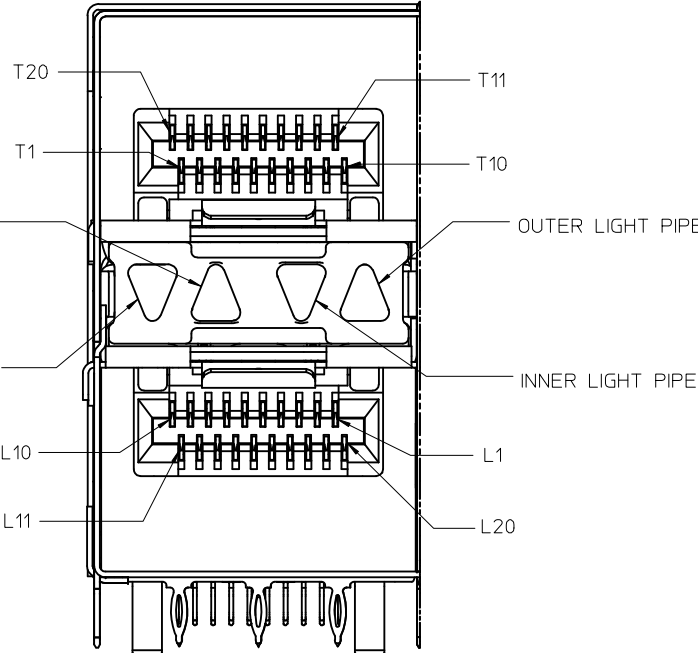
#### NOTES:

##### 1. MATERIAL:

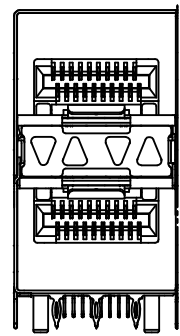
- CAGE: NICKEL SILVER
  - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK
  - LIGHT PIPES: POLYCARBONATE, 94 HB, COLOR: CLEAR
  - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
  - FRONT SHIELD WALL: COPPER ALLOY
  - LIGHT PIPE HOUSING: ZINC ALLOY
  - ELASTOMERIC GASKET: SILVER IMPREGNATED SILICONE
- ##### 2. FINISH
- TERMINALS: CONTACT AREA: 0.76  $\mu$ m MIN. HARD GOLD OVER 3.8  $\mu$ m MIN. NICKEL.
  - COMPLIANT TAIL: 0.7-1.5  $\mu$ m MATTE TIN OVER 0.7-1.5  $\mu$ m NICKEL
  - FRONT SHIELD WALL: 0.7-1.5  $\mu$ m NICKEL OVERALL
  - LIGHT PIPE HOUSING: 2.0  $\mu$ m NICKEL OVER 0.7  $\mu$ m COPPER
- ##### 3. 2X4 CONFIGURATION SHOWN FOR REFERENCE. SEE CHART FOR AVAILABLE OPTIONS
- ##### 4. REFER TO PS-170071-0001 FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- ##### 5. REFER TO AS-170071-0001 FOR CONNECTOR MOUNTING AND REWORK INFORMATION.
- ##### 6. REFER TO AS-170071-0002 FOR PCB ROUTING RECOMMENDATIONS.
- ##### 7. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS "B" (BOTTOM OF CONNECTOR IS CLASS "C") CAGE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.



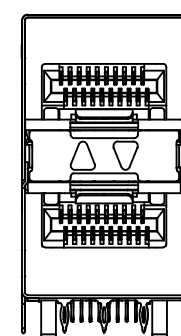
|                                                                                                                                  |                    |                                                                 |                                       |        |                            |                                                            |                    |                                                                                           |                                |                                                                                                                                  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|---------------------------------------|--------|----------------------------|------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--|
| UPDATE & ADD **15<br>EC NO: UCP2013-2914<br>G DRWN: KACHLIC 2013/01/15<br>CHKD: MBANAKIS 2013/01/21<br>APPR: MBANAKIS 2013/01/21 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |                                                            | SCALE<br>2:1       | DESIGN UNITS<br>METRIC                                                                    | THIRD ANGLE PROJECTION         |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 |                                       | mm     | INCH                       | DRAWN BY<br>JGONZALEZ01                                    | DATE<br>2010/06/09 | TITLE<br>ZSFP+ STACKED ASSY<br>WITH LIGHT PIPES<br>AND ELASTOMERIC GASKET<br><b>molex</b> | DOCUMENT NO.<br>SD-170071-0002 | SHEET NO.<br>1 OF 4                                                                                                              |  |  |
|                                                                                                                                  |                    |                                                                 | 4 PLACES                              | ± ---  | ± ---                      | CHECKED BY<br>JKACHLIC                                     | DATE<br>2010/06/09 |                                                                                           |                                |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 | 3 PLACES                              | ± ---  | ± ---                      | APPROVED BY<br>MBANAKIS                                    | DATE<br>2010/11/17 |                                                                                           |                                |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 | 2 PLACES                              | ± ---  | ± ---                      | MATERIAL NO.                                               |                    | SEE CHART                                                                                 |                                |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 | 1 PLACE                               | ± 0.25 | ± ---                      | ANGULAR ±1/2°                                              |                    |                                                                                           |                                |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 | 0 PLACE                               | ±      | ±                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                    | SIZE C                                                                                    |                                | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |
|                                                                                                                                  |                    |                                                                 |                                       |        |                            |                                                            |                    |                                                                                           |                                |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 |                                       |        |                            |                                                            |                    |                                                                                           |                                |                                                                                                                                  |  |  |
|                                                                                                                                  |                    |                                                                 |                                       |        |                            |                                                            |                    |                                                                                           |                                |                                                                                                                                  |  |  |



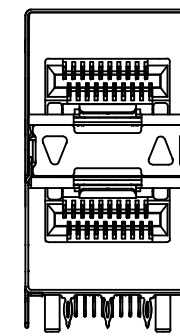
Partial4  
SCALE 6:1



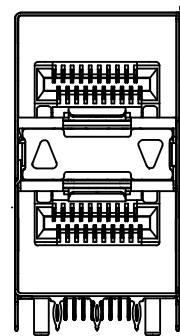
4 LIGHT PIPE  
170071-\*\*11



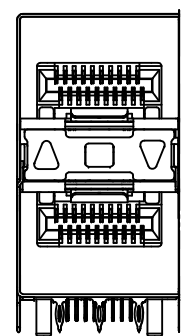
INNER LIGHT PIPE  
170071-\*\*12



OUTER DOWN/UP  
170071-\*\*13



OUTER UP/DOWN  
170071-\*\*14

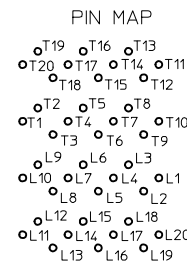
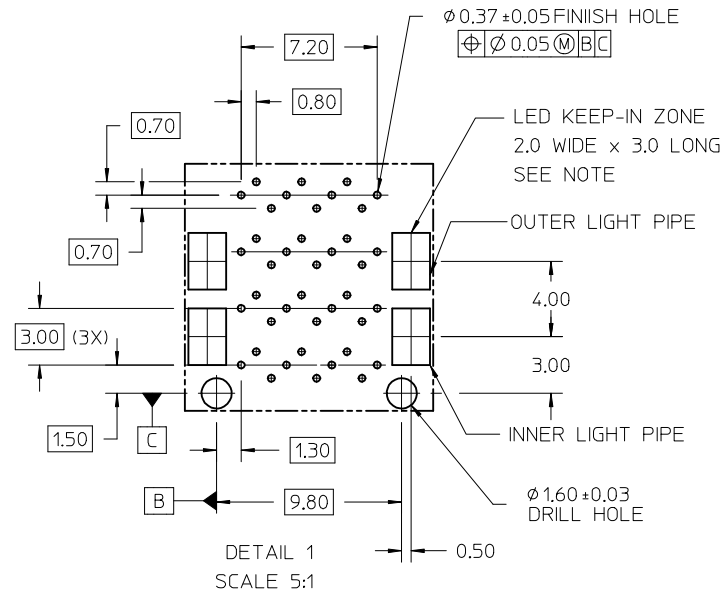
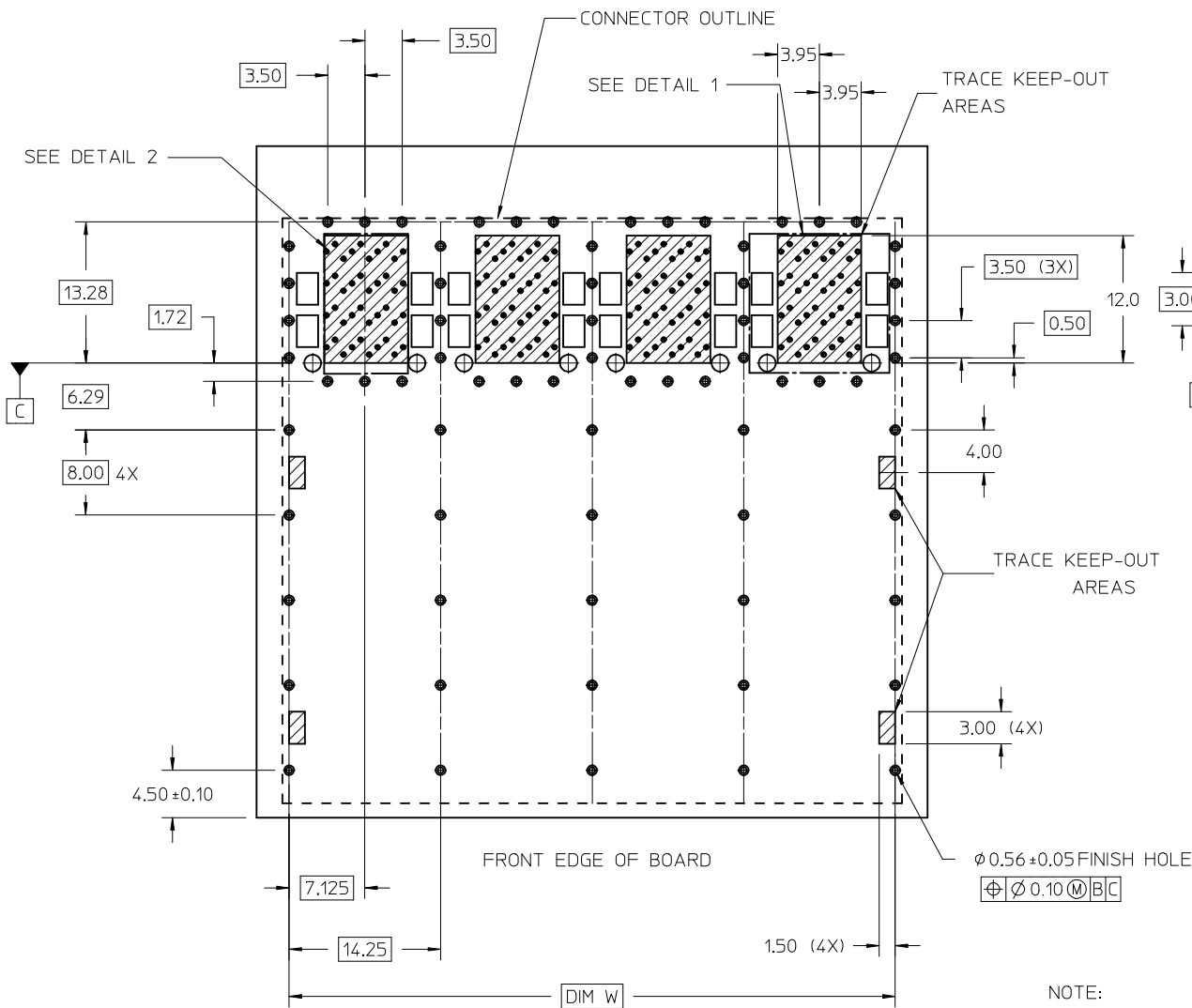


3 LIGHT PIPE  
UP / MIDDLE / DOWN  
170071-\*\*15

| PART NUMBER | DESCRIPTION   |
|-------------|---------------|
| 170071-**11 | 4 LIGHT PIPES |
| 170071-**12 | INNER 2 PORTS |
| 170071-**13 | OUTER DOWN/UP |
| 170071-**14 | OUTER UP/DOWN |
| 170071-**15 | 3 LIGHT PIPES |

\*\*\*- DESIGNATES PORT SIZE

|                                                                                                       |     |             |                                                                 |                                       |        |                            |                                                            |                    |                                                                                                                                  |                                                          |                                |                     |
|-------------------------------------------------------------------------------------------------------|-----|-------------|-----------------------------------------------------------------|---------------------------------------|--------|----------------------------|------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|---------------------|
| SEE SHEET 1<br>EC NO: UCP2013-2914<br>G DRWN:JKACHLIC 2013/01/15<br>CHKD:<br>APPR:MBANAKIS 2013/01/21 | REV | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY |                                                            | SCALE<br>3:1       | DESIGN UNITS<br>METRIC                                                                                                           | <div><div></div><div></div></div> THIRD ANGLE PROJECTION |                                |                     |
|                                                                                                       |     |             |                                                                 |                                       | mm     | INCH                       | DRAWN BY<br>JGONZALEZ01                                    | DATE<br>2010/06/09 | TITLE<br>ZSFP+ STACKED ASSY<br>WITH LIGHT PIPES<br>AND ELASTOMERIC GASKET<br><div>molex</div>                                    |                                                          | DOCUMENT NO.<br>SD-170071-0002 | SHEET NO.<br>2 OF 4 |
|                                                                                                       |     |             |                                                                 | 4 PLACES                              | ± ---  | ± ---                      | CHECKED BY<br>JKACHLIC                                     | DATE<br>2010/06/09 |                                                                                                                                  |                                                          |                                |                     |
|                                                                                                       |     |             |                                                                 | 3 PLACES                              | ± ---  | ± ---                      | APPROVED BY<br>MBANAKIS                                    | DATE<br>2010/11/17 |                                                                                                                                  |                                                          |                                |                     |
|                                                                                                       |     |             |                                                                 | 2 PLACES                              | ± ---  | ± ---                      | ANGULAR ±1/2°                                              |                    | SEE CHART                                                                                                                        |                                                          |                                |                     |
|                                                                                                       |     |             |                                                                 | 1 PLACE                               | ± 0.25 | ± ---                      |                                                            |                    |                                                                                                                                  |                                                          |                                |                     |
|                                                                                                       |     |             |                                                                 | 0 PLACE                               | ±      | ±                          | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                          |                                |                     |



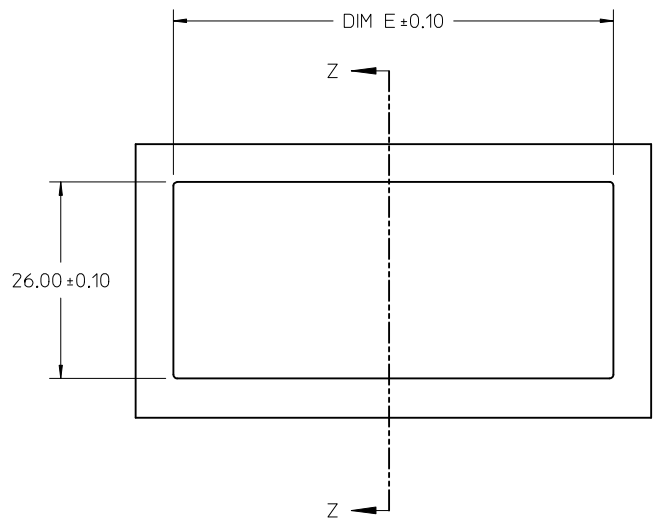
DETAIL 2  
SCALE 5:1

NOTE:  
LED PACKAGE SIZE AND POSITION SHALL NOT VIOLATE THE KEEP IN ZONE.  
LED PLACEMENT SHOULD BE CENTERED WITHIN THE ZONE FOR OPTIMAL  
LIGHT TRANSMISSION BUT MAY BE SAFELY OFFSET ±0.50

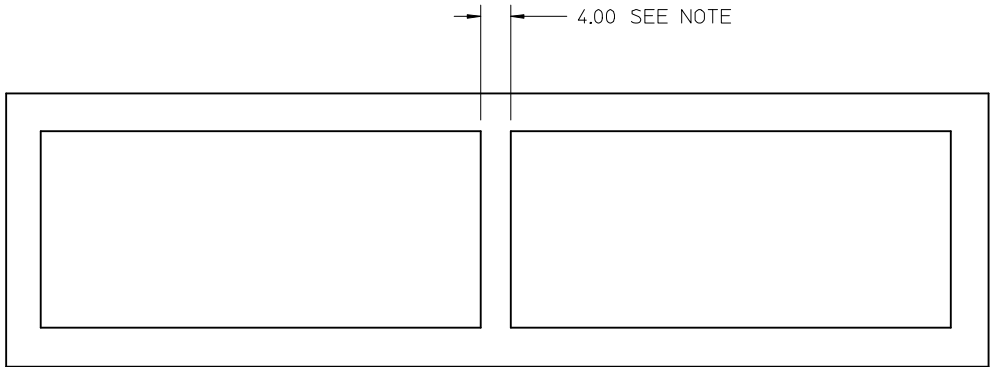
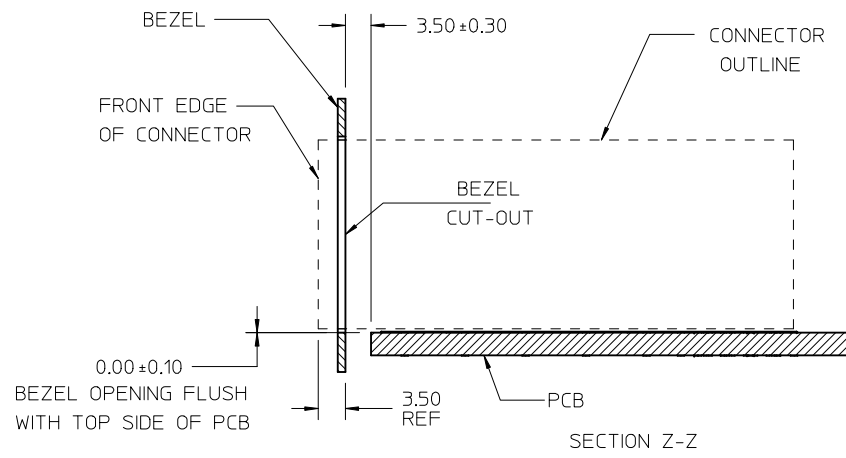
| PORT SIZE | DIM "W" | HOLE CHART                 |                             |                                 |
|-----------|---------|----------------------------|-----------------------------|---------------------------------|
|           |         | SIGNALS<br>( $\phi 0.37$ ) | EMI CAGE<br>( $\phi 0.56$ ) | LOCATING<br>PEG ( $\phi 1.60$ ) |
| 2X1       | 14.25   | 40                         | 24                          | 2                               |
| 2X2       | 28.50   | 80                         | 39                          | 4                               |
| 2X4       | 57.00   | 160                        | 69                          | 8                               |
| 2X6       | 85.50   | 240                        | 99                          | 12                              |
| 2X8       | 114.00  | 320                        | 129                         | 16                              |
| 2X12      | 171.00  | 480                        | 189                         | 24                              |

|                                                                                                                 |             |                                                                 |                                                            |        |       |                                         |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|-----------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|------------------------------------------------------------|--------|-------|-----------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| SEE SHEET 1<br>EC NO: UCP2013-2914<br>DRAWN: JKACHLIC 2013/01/15<br>CHKD: MBANAKIS 2013/01/21<br>APPR: MBANAKIS | DESCRIPTION | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        |       | DIMENSION STYLE<br>MM ONLY              |                                         | SCALE<br>3:1                                                                                                                     | DESIGN UNITS<br>METRIC                                                                    |  THIRD ANGLE PROJECTION |                                |                     |
|                                                                                                                 |             |                                                                 |                                                            |        | mm    | INCH                                    | DRAWN BY DATE<br>JGONZALEZ01 2010/06/09 |                                                                                                                                  | TITLE<br>ZSFP+ STACKED ASSY<br>WITH LIGHT PIPES<br>AND ELASTOMERIC GASKET<br><b>molex</b> |                                                                                                              | DOCUMENT NO.<br>SD-170071-0002 | SHEET NO.<br>3 OF 4 |
|                                                                                                                 |             |                                                                 | 4 PLACES                                                   | ± ---  | ± --- | CHECKED BY DATE<br>JKACHLIC 2010/06/09  |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|                                                                                                                 |             |                                                                 | 3 PLACES                                                   | ± ---  | ± --- | APPROVED BY DATE<br>MBANAKIS 2010/11/17 |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|                                                                                                                 |             |                                                                 | 2 PLACES                                                   | ± ---  | ± --- | MATERIAL NO.                            |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|                                                                                                                 |             |                                                                 | 1 PLACE                                                    | ± 0.25 | ± --- | SEE CHART                               |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|                                                                                                                 |             |                                                                 | 0 PLACE                                                    | ±      | ±     |                                         |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|                                                                                                                 |             |                                                                 | ANGULAR ±1/2°                                              |        |       |                                         |                                         |                                                                                                                                  |                                                                                           |                                                                                                              |                                |                     |
|                                                                                                                 |             |                                                                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |       | SIZE<br>C                               |                                         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                           |                                                                                                              |                                |                     |

| CONFIGURATION | DIM "E" |
|---------------|---------|
| 2X1           | 15.50   |
| 2X2           | 29.75   |
| 2X4           | 58.25   |
| 2X6           | 86.75   |
| 2X8           | 115.25  |
| 2X12          | 172.25  |



BEZEL CUT-OUT DETAIL  
BEZEL THICKNESS 0.8-2.6



BEZEL CUT-OUT FOR  
CONNECTOR STACKING

NOTE:  
  
FOR SIDE BY SIDE STACKING OF CONNECTORS, A BASIC DIMENSION OF 5.25mm BETWEEN CONNECTOR MOUNTING PATTERNS IS RECOMMENDED.

SEE SHEET 1

EC NO: UCP2013-2914

DRWN:KACHLIC 2013/01/15

CHKD: MBANAKIS 2013/01/21

APPR:MBANAKIS

REV

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          |        |       |
|----------|--------|-------|
|          | mm     | INCH  |
| 4 PLACES | ± ---  | ± --- |
| 3 PLACES | ± ---  | ± --- |
| 2 PLACES | ± ---  | ± --- |
| 1 PLACE  | ± 0.25 | ± --- |
| 0 PLACE  | ±      | ±     |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY JGONZALEZ01

DATE 2010/06/09

CHECKED BY JKACHLIC

DATE 2010/06/09

APPROVED BY MBANAKIS

DATE 2010/11/17

MATERIAL NO.

SEE CHART

SIZE C

SCALE

2:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

ZSFP+ STACKED ASSY WITH LIGHT PIPES AND ELASTOMERIC GASKET

DOCUMENT NO.

SD-170071-0002

SHEET NO.

4 OF 4