

170071-1001  
APPEARANCE

170071-4001 SHOWN FOR REFERENCE  
APPEARANCE MAY VARY WITH SIZE

NOTES:

1. MATERIAL:

CAGE: NICKEL SILVER  
CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK  
TERMINALS: HIGH PERFORMANCE COPPER ALLOY  
FRONT SHIELD WALL: COPPER ALLOY  
ELASTOMERIC GASKET: SILVER IMPREGNATED SILICONE

2. FINISH

TERMINALS: CONTACT AREA: 0.76 μm MIN. HARD GOLD OVER  
3.8 μm MIN. NICKEL.  
COMPLIANT TAIL: 0.7-1.5 μm MATTE TIN OVER  
0.7-1.5 μm NICKEL  
FRONT SHIELD WALL: 0.7-1.5 μm NICKEL OVERALL

3. 2X4 CONFIGURATION SHOWN FOR REFERENCE, SEE CHART FOR AVAILABLE OPTIONS

4. REFER TO PS-170071-0001 FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.

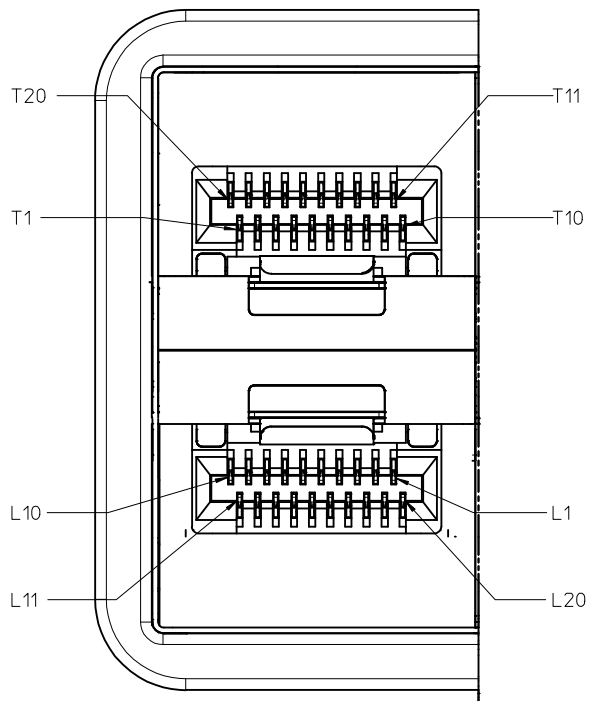
5. REFER TO AS-170071-0001 FOR CONNECTOR MOUNTING AND REWORK INFORMATION.

6. REFER TO AS-170071-0002 FOR PCB ROUTING RECOMMENDATIONS.

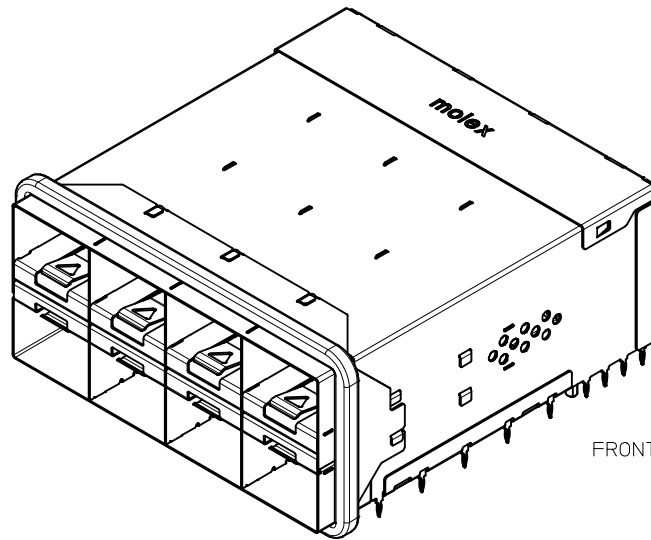
7. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS "B" (BOTTOM OF CONNECTOR IS CLASS "C") CAGE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.

| PORT SIZE | PART NUMBER | DIM X  | DIM Y  |
|-----------|-------------|--------|--------|
| 2X1       | 1700711001  | 14.50  | 15.10  |
| 2X2       | 1700712001  | 28.75  | 29.35  |
| 2X4       | 1700714001  | 57.25  | 57.85  |
| 2X6       | 1700716001  | 85.75  | 86.35  |
| 2X8       | 1700718001  | 114.25 | 114.85 |
| 2X12      | 1700711201  | 171.25 | 171.85 |

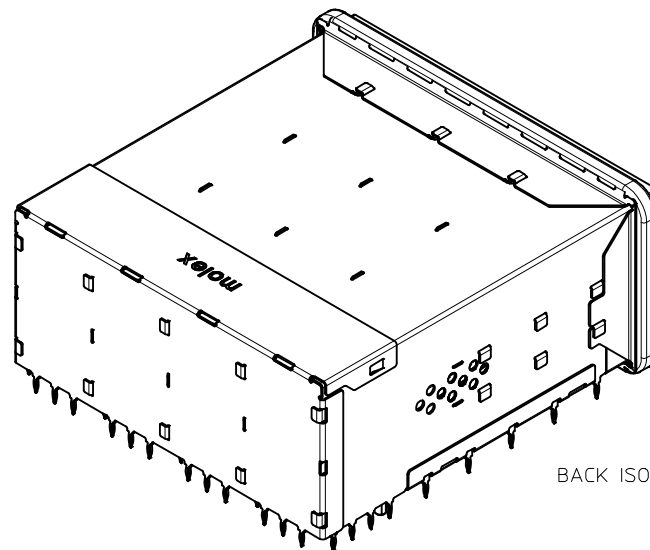
| ADDED GENERAL TOL<br>EC NO: UCP2016-3736<br>DRWINWEMPEGONDA 2016/07/25<br>CHKD:<br>APPR:SMILLER 2016/08/15 | QUALITY SYMBOLS<br>∇=0<br>∇=0<br>∇=0                                  | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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>± 0.13</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> </tbody> </table> |                                                                                                                               | mm                         | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.13 | ± --- | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY DATE<br>JGONZALEZ01 2010/05/27<br>CHECKED BY DATE<br>JKACHLIC 2010/06/03<br>APPROVED BY DATE<br>MBANAKIS 2010/10/24 | SCALE<br><b>2:1</b><br>DESIGN UNITS<br><b>METRIC</b><br>THIRD ANGLE PROJECTION | TITLE<br><b>ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET</b> |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------|
|                                                                                                            |                                                                       | mm                                                                                                                                                                                                                                                                                                                                                                                                                                                   | INCH                                                                                                                          |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                            | 4 PLACES                                                              | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                | ± ---                                                                                                                         |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                            | 3 PLACES                                                              | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                | ± ---                                                                                                                         |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| 2 PLACES                                                                                                   | ± 0.13                                                                | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| 1 PLACE                                                                                                    | ± 0.25                                                                | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| 0 PLACE                                                                                                    | ±                                                                     | ±                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                               |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                            | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO.<br><b>SEE CHART</b>                                                                                                                                                                                                                                                                                                                                                                                                                     | DOCUMENT NO.<br><b>SD-170071-0001</b>                                                                                         | SHEET NO.<br><b>1 OF 4</b> |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                            |                                                                       | SIZE<br><b>C</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |



Partial1  
SCALE 6:1

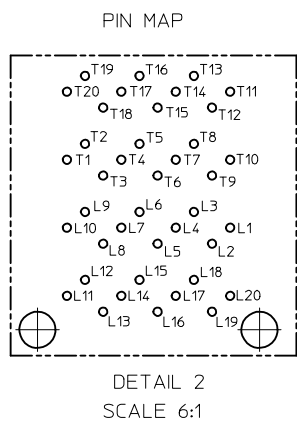
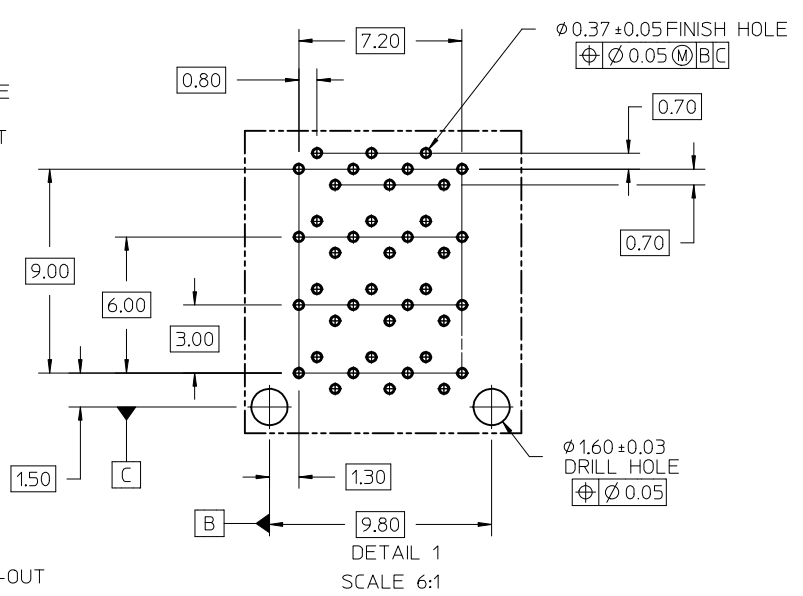
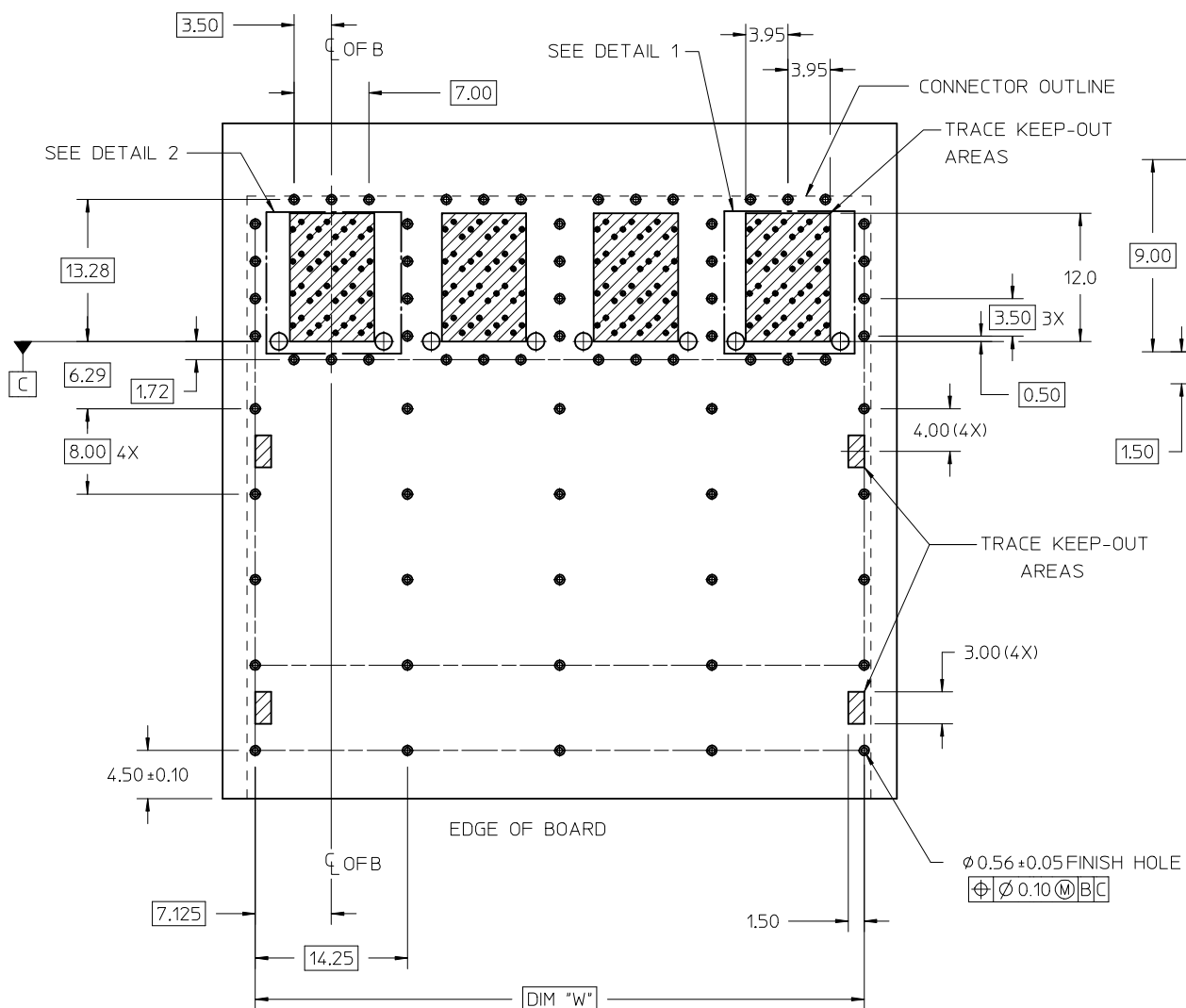


FRONT ISO VIEW



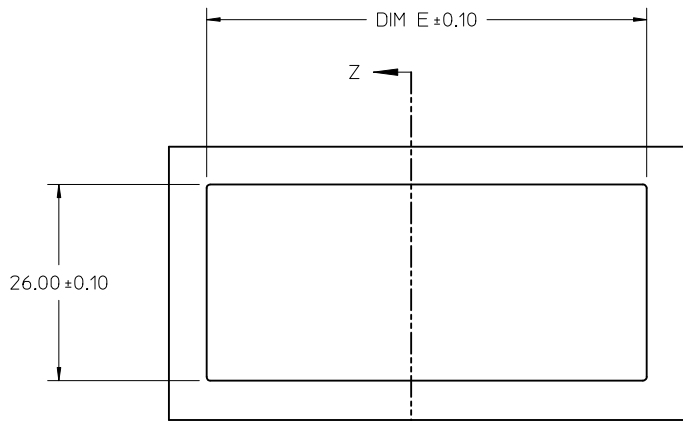
BACK ISO VIEW

|                                                                                                                        |                                                      |                                       |                                                                                                                               |                                                 |              |                        |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------|------------------------|
| SEE SHEET 1<br>EC NO: UCP2016-3736<br>DRAWN: MKEPECOWDA 2016/07/25<br>CHKD:<br>APPR: SMILLER 2016/08/15<br>DESCRIPTION | QUALITY SYMBOLS                                      | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE                                                                                                               | SCALE                                           | DESIGN UNITS | THIRD ANGLE PROJECTION |
|                                                                                                                        | ▽=0                                                  | mm INCH                               | MM ONLY                                                                                                                       | 2:1                                             | METRIC       |                        |
|                                                                                                                        | ▽=0                                                  | 4 PLACES ± --- ± ---                  | DRAWN BY DATE                                                                                                                 | TITLE                                           |              |                        |
|                                                                                                                        | ▽=0                                                  | 3 PLACES ± --- ± ---                  | JKGONZALEZ01 2010/05/27                                                                                                       | ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET |              |                        |
|                                                                                                                        | ▽=0                                                  | 2 PLACES ± 0.13 ± ---                 | CHKD BY DATE                                                                                                                  |                                                 |              |                        |
|                                                                                                                        | 1 PLACE ± 0.25 ± ---                                 | JKACHLIC 2010/06/03                   |                                                                                                                               |                                                 |              |                        |
|                                                                                                                        | 0 PLACE ± ±                                          | APPROVED BY DATE                      | DOCUMENT NO.                                                                                                                  |                                                 |              |                        |
|                                                                                                                        | ANGULAR ±1/2°                                        | MBANAKIS 2010/10/24                   | SD-170071-0001                                                                                                                |                                                 |              |                        |
|                                                                                                                        | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO.                          | SEE CHART                                                                                                                     |                                                 |              |                        |
|                                                                                                                        |                                                      |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                 |              |                        |
|                                                                                                                        |                                                      |                                       | SHEET NO. 2 OF 4                                                                                                              |                                                 |              |                        |

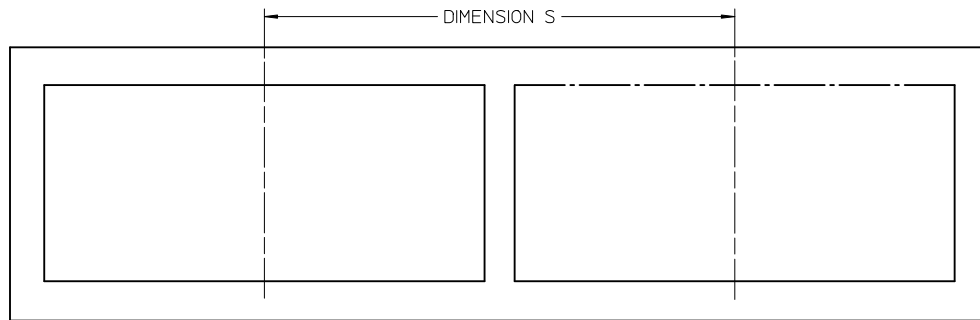
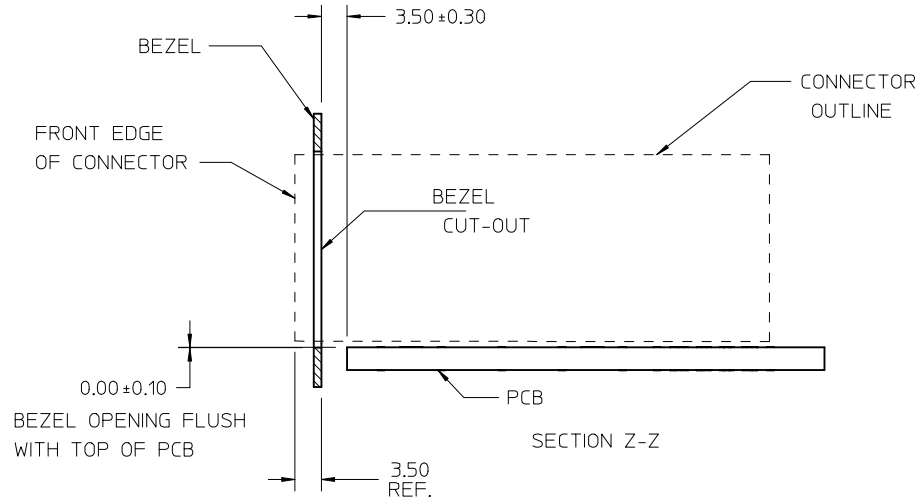


| HOLE CHART |         |                 |                       |                            |
|------------|---------|-----------------|-----------------------|----------------------------|
| PORT SIZE  | DIM "W" | SIGNALS (Ø0.37) | SHIELD GROUND (Ø0.56) | CONNECTOR LOCATION (Ø1.60) |
| 2X1        | 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                         |

| <b>SEE SHEET 1</b><br>EC NO: UCP2016-3736<br>DRW:MKP/EGONDA 2016/07/25<br>CHKD:<br>APPR:SMILLER 2016/08/15                    | QUALITY SYMBOLS<br>$\nabla = 0$<br>$\nabla = 0$<br>$\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> |                                       | mm | INCH                       | 4 PLACES | ± 0.13 | ± 0.005 | 3 PLACES | ± 0.13 | ± 0.005 | 2 PLACES | ± 0.13 | ± 0.005 | 1 PLACE | ± 0.25 | ± 0.010 | 0 PLACE | ± | ± | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY DATE<br>JGONZALEZ01 2010/05/27<br>CHECKED BY DATE<br>JKACHLIC 2010/06/03<br>APPROVED BY DATE<br>MBANAKIS 2010/10/24 | SCALE<br><b>3:1</b><br>DESIGN UNITS<br><b>METRIC</b><br>THIRD ANGLE PROJECTION | TITLE<br><b>ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET</b> |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----|----------------------------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|---------|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------|
|                                                                                                                               |                                                                 | mm                                                                                                                                                                                                                                                                                                                                                                                                                           | INCH                                  |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                                               | 4 PLACES                                                        | ± 0.13                                                                                                                                                                                                                                                                                                                                                                                                                       | ± 0.005                               |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                                               | 3 PLACES                                                        | ± 0.13                                                                                                                                                                                                                                                                                                                                                                                                                       | ± 0.005                               |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| 2 PLACES                                                                                                                      | ± 0.13                                                          | ± 0.005                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| 1 PLACE                                                                                                                       | ± 0.25                                                          | ± 0.010                                                                                                                                                                                                                                                                                                                                                                                                                      |                                       |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| 0 PLACE                                                                                                                       | ±                                                               | ±                                                                                                                                                                                                                                                                                                                                                                                                                            |                                       |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                          |                                                                 | MATERIAL NO.<br><b>SEE CHART</b>                                                                                                                                                                                                                                                                                                                                                                                             | DOCUMENT NO.<br><b>SD-170071-0001</b> |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |    |                            |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |
|                                                                                                                               |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                              |                                       |    | SHEET NO.<br><b>3 OF 4</b> |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                                                                                                                                                   |                                                                                |                                                                 |



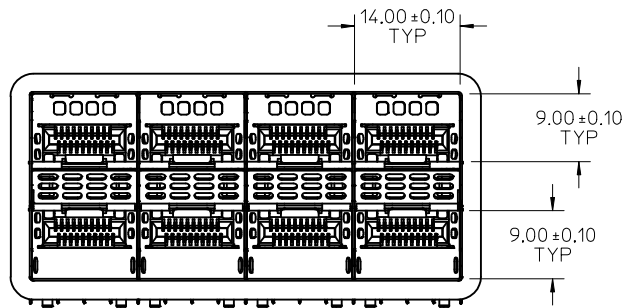
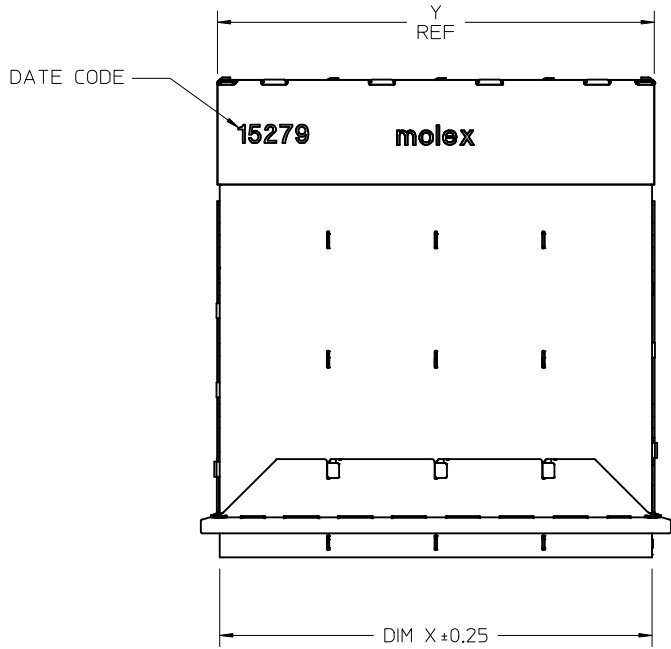
BEZEL CUT-OUT DETAIL  
BEZEL THICKNESS 0.8-2.6



BEZEL CUT OUT FOR  
CONNECTOR STACKING

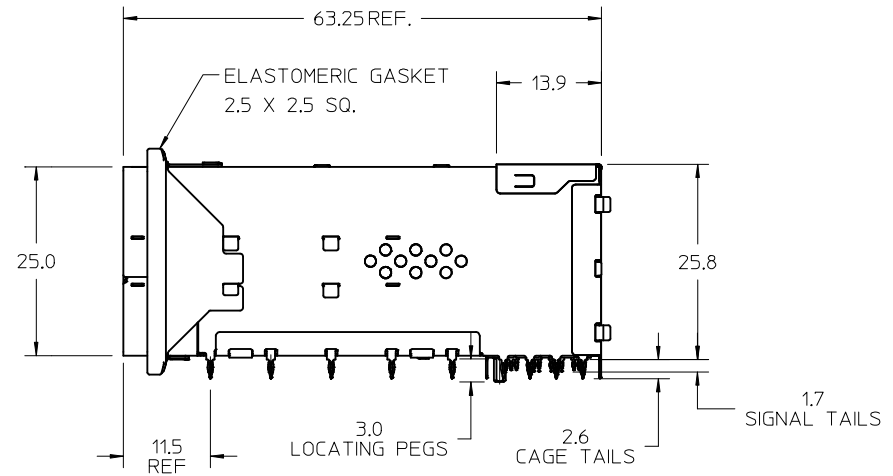
| CONFIGURATION | DIM 'E' | DIM 'S'        |
|---------------|---------|----------------|
| 2X1           | 15.50   | 20.40 MINIMUM  |
| 2X2           | 29.75   | 34.65 MINIMUM  |
| 2X4           | 58.25   | 63.15 MINIMUM  |
| 2X6           | 86.75   | 91.65 MINIMUM  |
| 2X8           | 115.25  | 120.15 MINIMUM |
| 2X12          | 172.25  | 177.15 MINIMUM |

|                                                                                                                          |                 |                                       |                                                      |                        |                                                                                                                               |                        |
|--------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <b>SEE SHEET 1</b><br>EC NO: UCP2016-3736<br>DRWING: KEMPEGONDA 2016/07/25<br>CHKD: MBANAKIS<br>APPR: SMILLER 2016/08/15 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE                                      | SCALE                  | DESIGN UNITS                                                                                                                  | THIRD ANGLE PROJECTION |
|                                                                                                                          | ▽=0             | mm INCH                               | MM ONLY                                              | 2:1                    | METRIC                                                                                                                        |                        |
|                                                                                                                          | ▽=0             | 4 PLACES ± --- ± ---                  | DRAWN BY DATE                                        | JGONZALEZ01 2010/05/27 | TITLE                                                                                                                         |                        |
|                                                                                                                          | ▽=0             | 3 PLACES ± --- ± ---                  | CHECKED BY DATE                                      | JKACHLIC 2010/06/03    | ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET                                                                               |                        |
|                                                                                                                          |                 | 2 PLACES ± 0.13 ± ---                 | APPROVED BY DATE                                     | MATERIAL NO.           |                                                                                                                               | SHEET NO.              |
|                                                                                                                          |                 | 1 PLACE ± 0.25 ± ---                  | MBANAKIS 2010/10/24                                  | SD-170071-0001         |                                                                                                                               | 4 OF 4                 |
|                                                                                                                          |                 | 0 PLACE ± ±                           | 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 |                        |



NOTES:

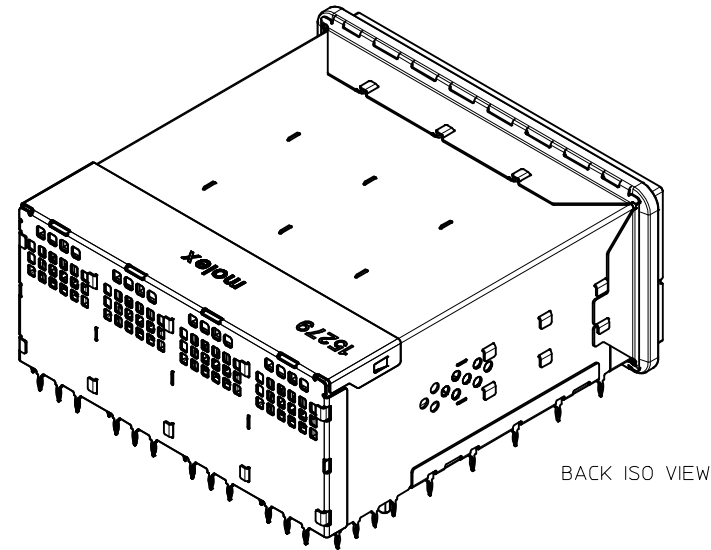
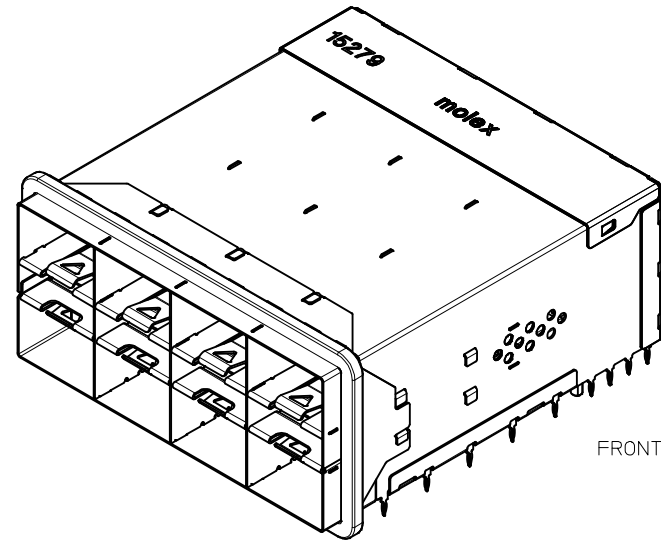
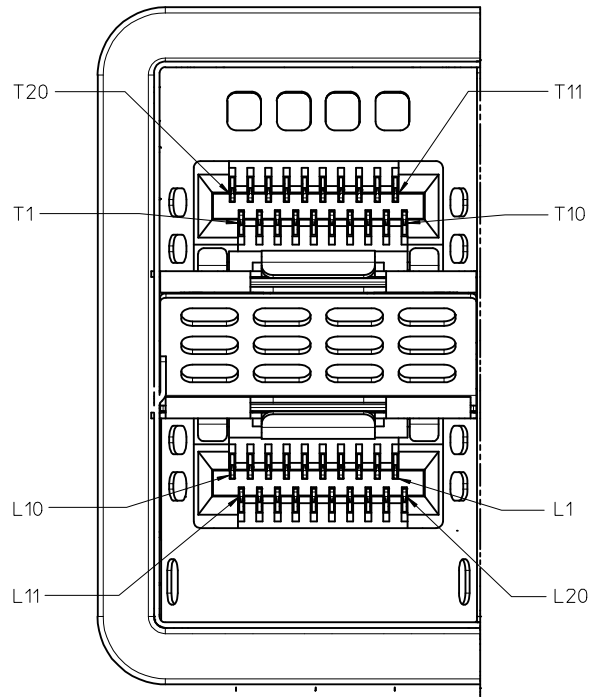
- MATERIAL:
  - CAGE: NICKEL SILVER
  - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK
  - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
  - FRONT SHIELD WALL: COPPER ALLOY
  - ELASTOMERIC GASKET: SILVER IMPREGNATED SILICONE
- FINISH
  - TERMINALS: CONTACT AREA: 0.76 μm MIN. HARD GOLD OVER  
3.8 μm MIN. NICKEL.
  - COMPLIANT TAIL: 0.7-1.5 μm MATTE TIN OVER  
0.7-1.5 μm NICKEL
  - FRONT SHIELD WALL: 0.7-1.5 μm NICKEL OVERALL
- 2X4 CONFIGURATION SHOWN FOR REFERENCE, SEE CHART FOR AVAILABLE OPTIONS
- REFER TO PS-170071-0001 FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- REFER TO AS-170071-0001 FOR CONNECTOR MOUNTING AND REWORK INFORMATION.
- REFER TO AS-170071-0002 FOR PCB ROUTING RECOMMENDATIONS.
- ALL SURFACES CLASS "C" PER MOLEX COSMETIC SPECIFICATION ES-171233-0001.



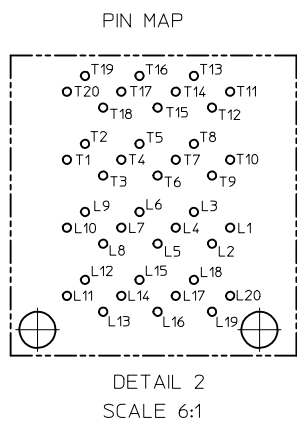
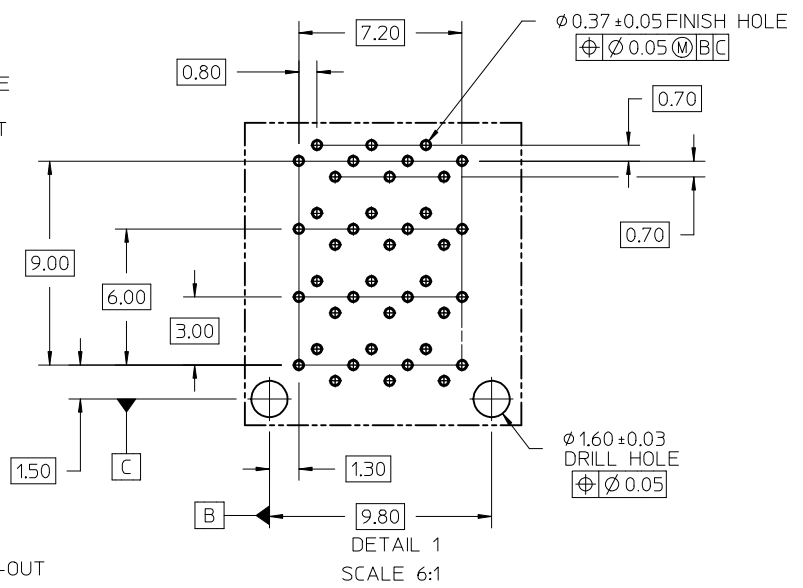
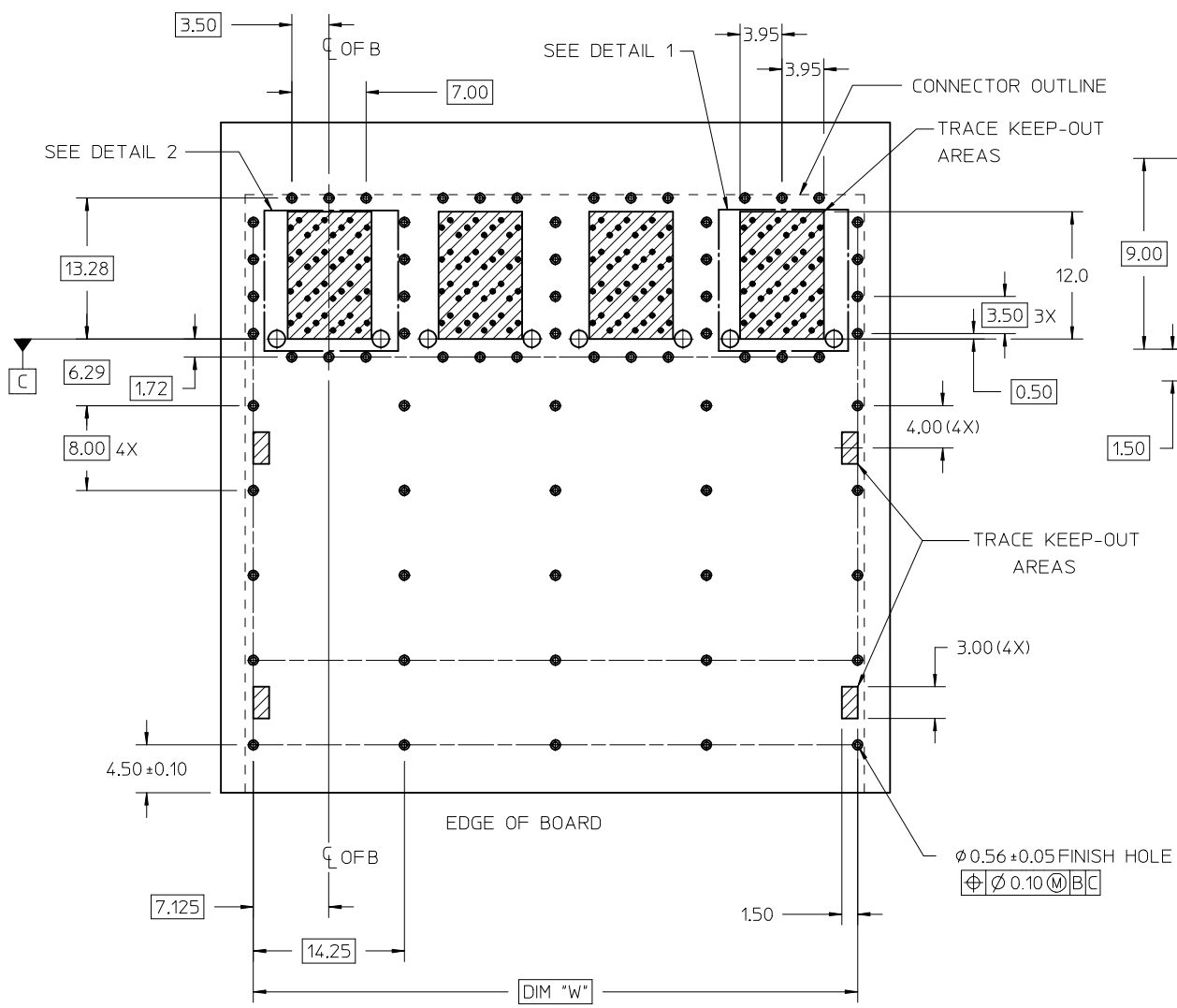
170071-4004 SHOWN FOR REFERENCE  
APPEARANCE MAY VARY WITH SIZE

| PORT SIZE | PART NUMBER | DIM X  | DIM Y  |
|-----------|-------------|--------|--------|
| 2X2       | 1700712004  | 28.75  | 29.35  |
| 2X4       | 1700714004  | 57.25  | 57.85  |
| 2X6       | 1700716004  | 85.75  | 86.35  |
| 2X8       | 1700718004  | 114.25 | 114.85 |
| 2X12      | 1700711204  | 171.25 | 171.85 |

|                                                                                                             |                                                     |                                                                                                              |                                                                 |                                      |  |                                                                                                                               |                               |                        |  |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|--|
| ADDED GENERAL TOL<br>EC NO: UCP2016-3736<br>IDRWINKEMPEGONDA 2016/07/26<br>CHKD:<br>APPR:SMILLER 2016/08/15 | DESCRIPTION<br>QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                        |                                                                 | DIMENSION STYLE<br><b>MM ONLY</b>    |  | SCALE<br><b>2:1</b>                                                                                                           | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |  |
|                                                                                                             |                                                     | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± ± | mm INCH<br>DRAWN BY JKACHLIC DATE 2015/06/24<br>CHECKED BY DATE | APPROVED BY MBANAKIS DATE 2015/06/25 |  | TITLE<br><b>ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET</b>                                                               |                               | <b>molex</b>           |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                        |                                                     | ANGULAR ±1/2°                                                                                                |                                                                 | MATERIAL NO. SEE CHART               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                        |  |

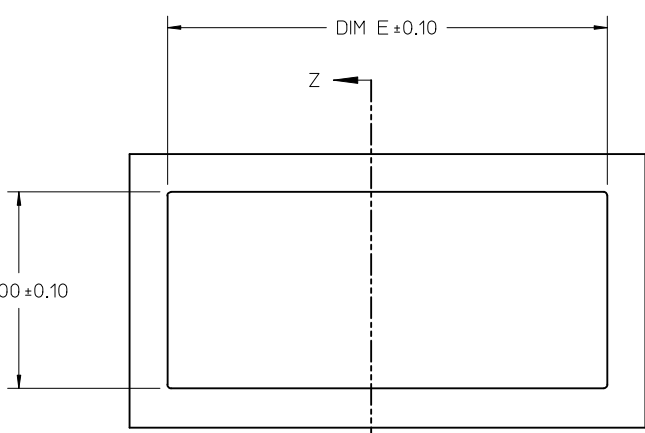


| SEE SHEET 1<br>EC NO: UCP2016-3736<br>DRAWN: MKEP/CONDA 2016/07/26<br>CHKD:<br>APPR: MILLER 2016/08/15<br>REV: 2 | DESCRIPTION<br>ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET | QUALITY SYMBOLS<br> | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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>± 0.13</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> </tbody> </table> |                                                                                                                               | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.13 | ± --- | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY: JKACHLIC<br>DATE: 2015/06/24<br>CHECKED BY: _____<br>DATE: _____<br>APPROVED BY: MBANAKIS<br>DATE: 2015/06/25<br>MATERIAL NO. | SCALE: 2:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION | TITLE: ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET<br> | DOCUMENT NO. SD-170071-0004<br>SHEET NO. 2 OF 4 |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------|
|                                                                                                                  |                                                                | mm                  | INCH                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                               |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |
|                                                                                                                  | 4 PLACES                                                       | ± ---               | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |
|                                                                                                                  | 3 PLACES                                                       | ± ---               | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |
|                                                                                                                  | 2 PLACES                                                       | ± 0.13              | ± ---                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                               |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |
| 1 PLACE                                                                                                          | ± 0.25                                                         | ± ---               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                               |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |
| 0 PLACE                                                                                                          | ±                                                              | ±                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                               |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                             |                                                                |                     | SIZE: C                                                                                                                                                                                                                                                                                                                                                                                                                                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |      |          |       |       |          |       |       |          |        |       |         |        |       |         |   |   |                                                                                                                                                                              |                                                              |                                                            |                                                 |

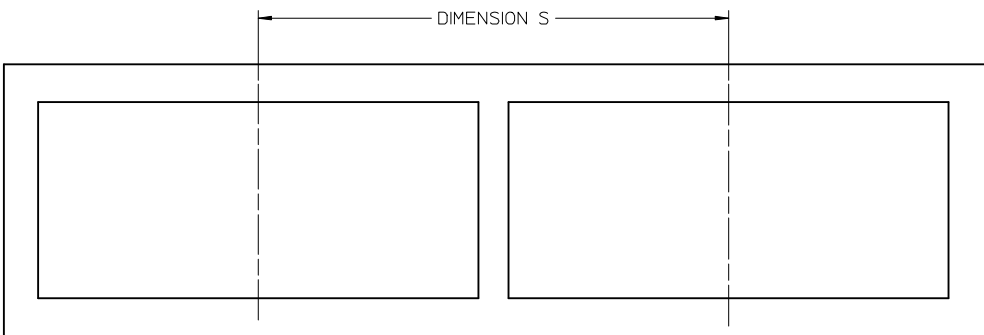
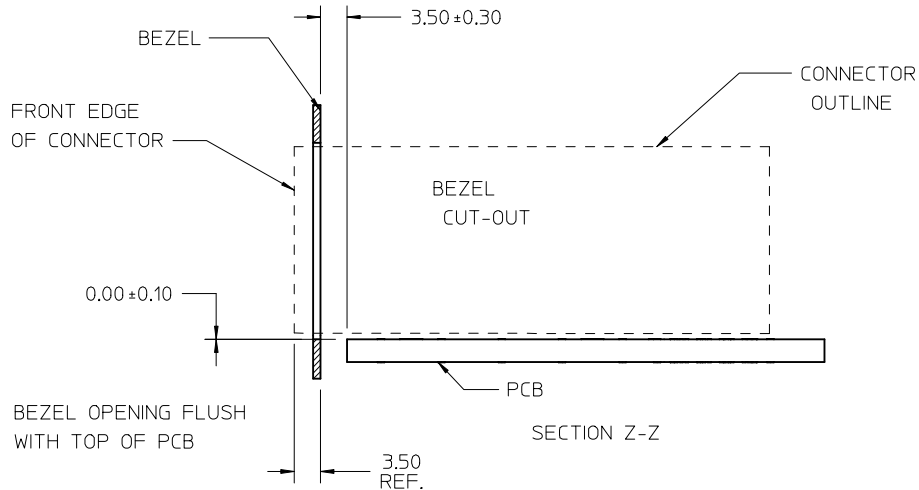


| HOLE CHART |         |                 |                       |                            |
|------------|---------|-----------------|-----------------------|----------------------------|
| PORT SIZE  | DIM "W" | SIGNALS (Ø0.37) | SHIELD GROUND (Ø0.56) | CONNECTOR LOCATION (Ø1.60) |
| 2X2        | 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: UCP2016-3736<br>IDRWINKEMPEGONDA 2016/07/26<br>CHKD: MBANAKIS<br>APPR: SMILLER 2016/08/15 | DESCRIPTION<br>QUALITY SYMBOLS<br>$\nabla = 0$<br>$\nabla = 0$<br>$\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> |                    |                                               | mm                               | INCH                                                            | 4 PLACES | ± 0.13 | ± 0.005 | 3 PLACES | ± 0.25 | ± 0.010 | 2 PLACES | ± 0.13 | ± 0.005 | 1 PLACE | ± 0.25 | ± 0.010 | 0 PLACE | ± | ± | DIMENSION STYLE<br><b>MM ONLY</b> | SCALE<br><b>3:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------|----------------------------------|-----------------------------------------------------------------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|---------|---|---|-----------------------------------|---------------------|-------------------------------|------------------------|
|                                                                                                                 |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                              | mm                 | INCH                                          |                                  |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
| 4 PLACES                                                                                                        | ± 0.13                                                                         | ± 0.005                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                                               |                                  |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
| 3 PLACES                                                                                                        | ± 0.25                                                                         | ± 0.010                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                                               |                                  |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
| 2 PLACES                                                                                                        | ± 0.13                                                                         | ± 0.005                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                                               |                                  |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
| 1 PLACE                                                                                                         | ± 0.25                                                                         | ± 0.010                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                                               |                                  |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
| 0 PLACE                                                                                                         | ±                                                                              | ±                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                                               |                                  |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                            |                                                                                | DRAWN BY<br>JKACHLIC<br>DATE<br>2015/06/24                                                                                                                                                                                                                                                                                                                                                                                   | CHECKED BY<br>DATE | APPROVED BY<br>MBANAKIS<br>DATE<br>2015/06/25 | MATERIAL NO.<br><b>SEE CHART</b> | TITLE<br><b>ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET</b> |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |
|                                                                                                                 |                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                              |                    | DOCUMENT NO.<br><b>SD-170071-0004</b>         | SHEET NO.<br><b>3 OF 4</b>       |                                                                 |          |        |         |          |        |         |          |        |         |         |        |         |         |   |   |                                   |                     |                               |                        |



BEZEL CUT-OUT DETAIL  
BEZEL THICKNESS 0.8-2.6



BEZEL CUT OUT FOR  
CONNECTOR STACKING

| CONFIGURATION | DIM "E" | DIM "S"        |
|---------------|---------|----------------|
| 2X2           | 29.75   | 34.65 MINIMUM  |
| 2X4           | 58.25   | 63.15 MINIMUM  |
| 2X6           | 86.75   | 91.65 MINIMUM  |
| 2X8           | 115.25  | 120.15 MINIMUM |
| 2X12          | 172.25  | 177.15 MINIMUM |

|                                                                                                              |                     |                                                                                                              |                                                               |                                                                                                                               |                                                                 |                                            |                        |  |                                  |
|--------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|------------------------|--|----------------------------------|
| <b>SEE SHEET 1</b><br>EC NO: UCP2016-3736<br>DR:WINWEMPEGONDA 2016/07/26<br>CHKD:<br>APPR:SMILLER 2016/08/15 | QUALITY SYMBOLS<br> | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                        |                                                               | DIMENSION STYLE<br><b>MM ONLY</b>                                                                                             | SCALE<br><b>2:1</b>                                             | DESIGN UNITS<br><b>METRIC</b>              | THIRD ANGLE PROJECTION |  |                                  |
|                                                                                                              |                     | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.13 ± ---<br>1 PLACE ± 0.25 ± ---<br>0 PLACE ± ± | mm INCH<br>± --- ± ---<br>± 0.13 ± ---<br>± 0.25 ± ---<br>± ± | DRAWN BY<br>JKACHLIC 2015/06/24<br>CHECKED BY<br>DATE                                                                         | TITLE<br><b>ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET</b> | APPROVED BY<br>MBANAKIS 2015/06/25<br>DATE |                        |  | MATERIAL NO.<br><b>SEE CHART</b> |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                         |                     | ANGULAR ±1/2°                                                                                                |                                                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                 |                                            |                        |  |                                  |