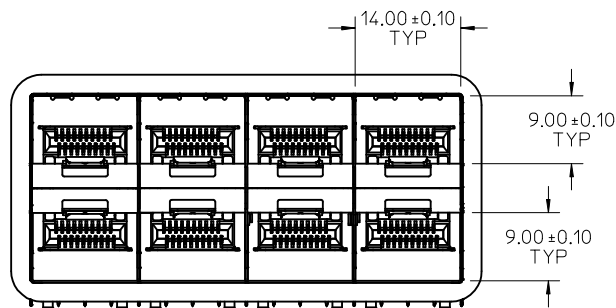
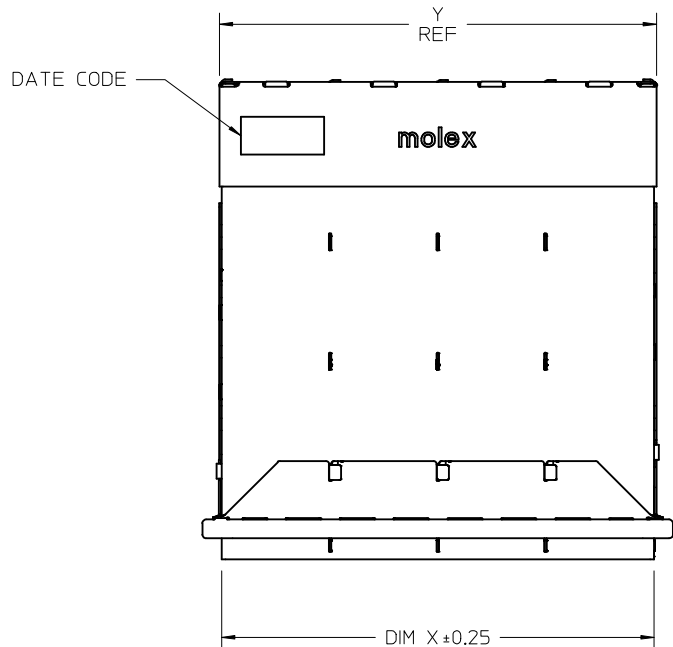




PORT SIZE	PART NUMBER	DIM X	DIM Y
2X1	1700711001	14.50	15.10
2X2	1700712001	28.75	29.35
2X4	1700714001	57.25	57.85
2X6	1700716001	85.75	86.35
2X8	1700718001	114.25	114.85
2X12	1700711201	171.25	171.85

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

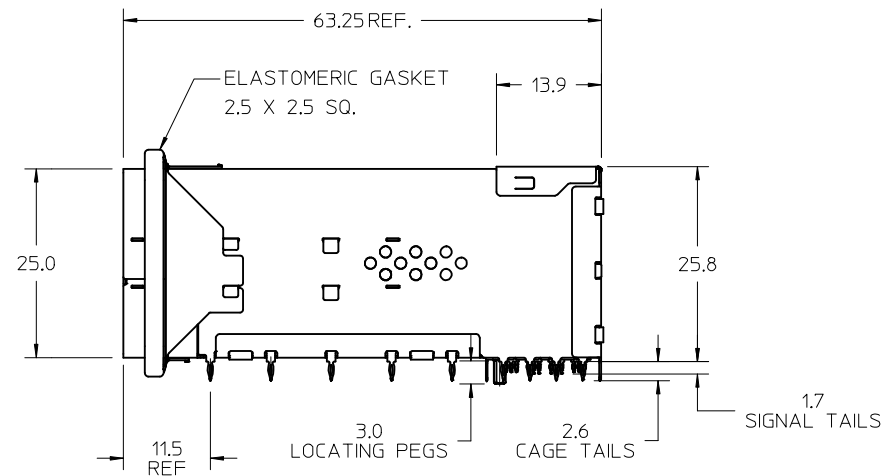
3. 2X4 CONFIGURATION SHOWN FOR REFERENCE, SEE CHART FOR AVAILABLE OPTIONS

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

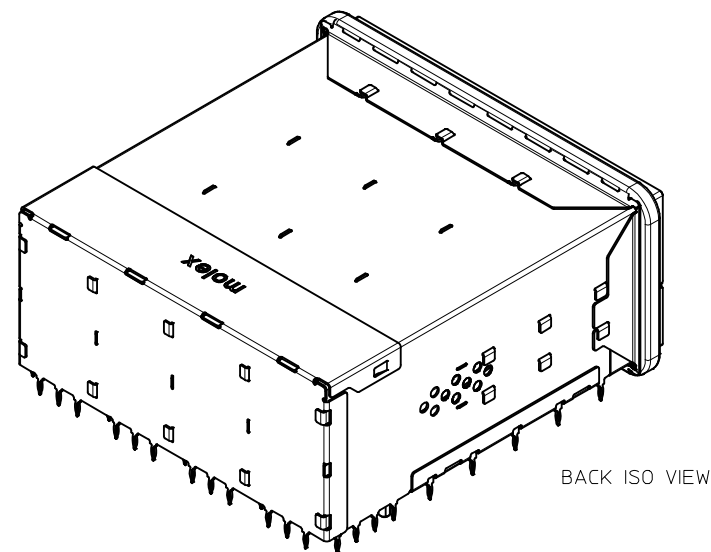
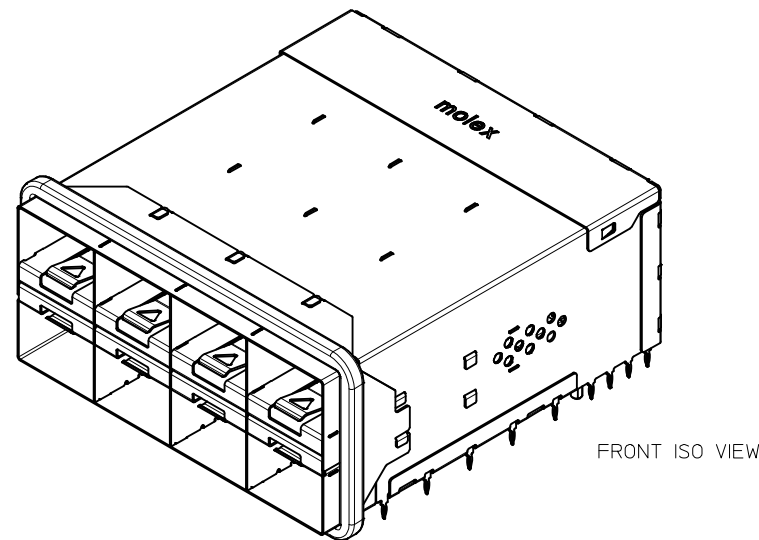
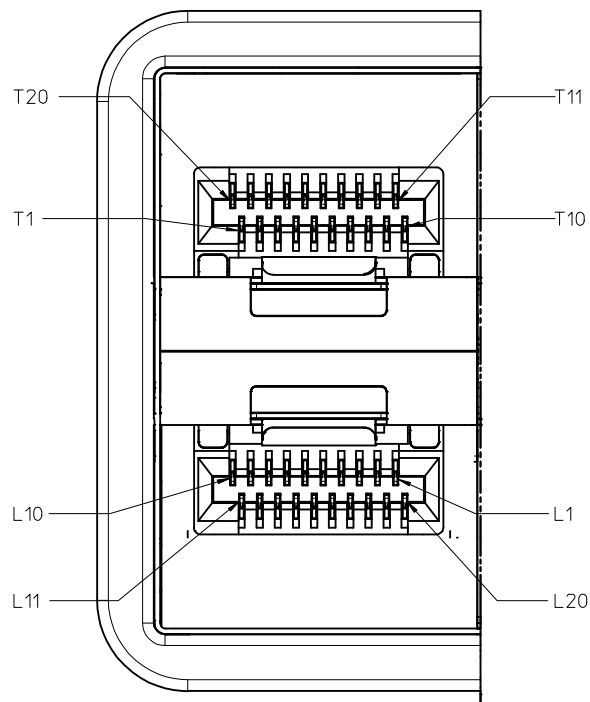
5. REFER TO AS-170071-0001 FOR CONNECTOR MOUNTING AND REWORK INFORMATION.

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

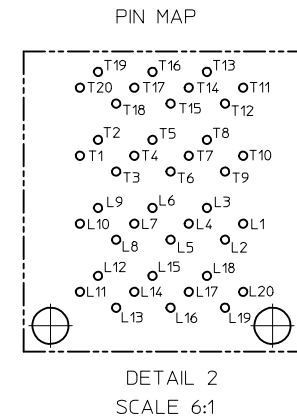
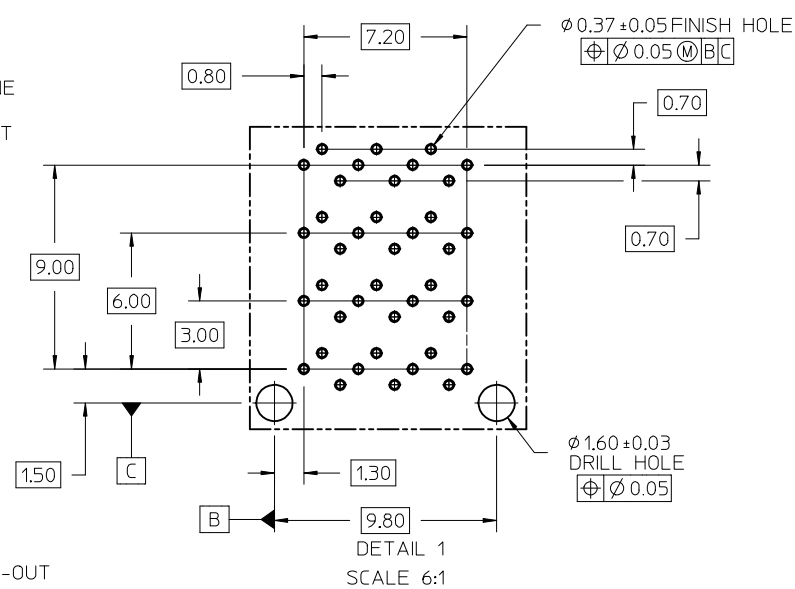
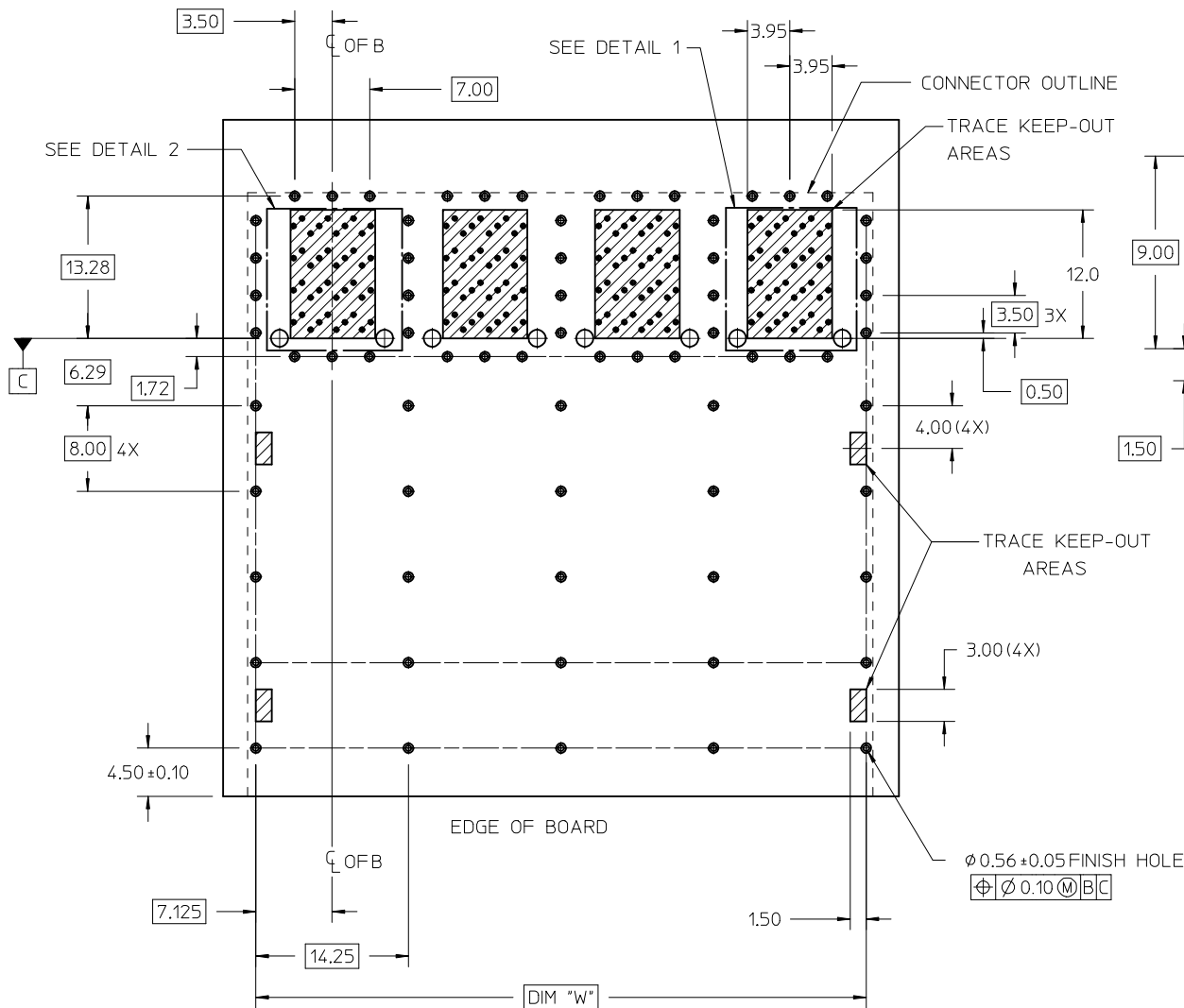
7. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS "B" (BOTTOM OF CONNECTOR IS CLASS "C") CAGE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.



UPDATE PCB EC NO: UCP2013-2914 GDRW: JKACHLIC 2013/01/15 CHKD: MBANAKIS 2013/01/21 APPR: MBANAKIS	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION										
			4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	mm INCH	DRAWN BY DATE JGONZALEZ01 2010/05/27 CHECKED BY DATE JKACHLIC 2010/06/03 APPROVED BY DATE MBANAKIS 2010/10/24	DATE	TITLE ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET	DOCUMENT NO. SD-170071-0001											
			ANGULAR ±1/2°				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-170071-0001		SHEET NO. 1 OF 4					
			SIZE C				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

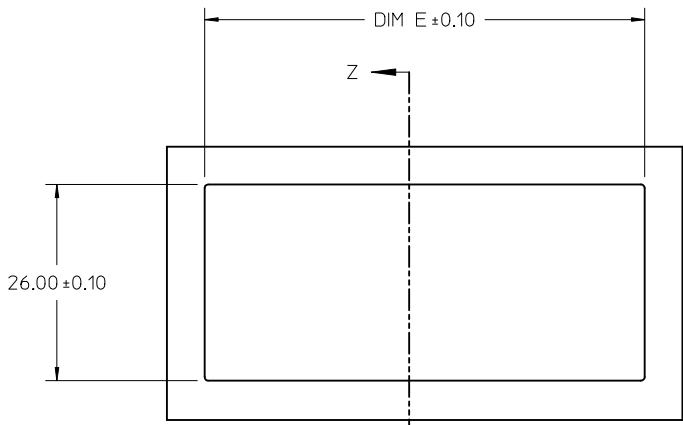


SEE SHEET 1 EC NO: UCP2013-2914 DRAWN: JKACHLIC 2013/01/15 CHKD: MBANAKIS 2013/01/21 APPR: MBANAKIS 2013/01/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET	DOCUMENT NO. SD-170071-0001	SHEET NO. 2 OF 4			
			4 PLACES	mm	INCH	DRAWN BY JGONZALEZ01	DATE 2010/05/27	CHECKED BY JKACHLIC	DATE 2010/06/03	APPROVED BY MBANAKIS				DATE 2010/10/24		
				3 PLACES	± ---										± ---	
			2 PLACES	± ---	± ---	ANGULAR ±1/2°		SEE CHART								
			1 PLACE	± 0.25	± ---	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								
			0 PLACE	±	±											
			molex													

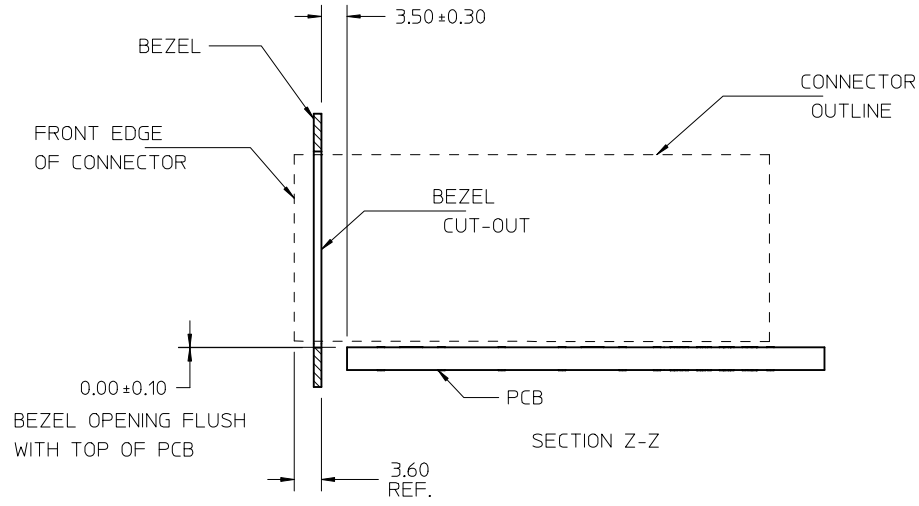


HOLE CHART				
PORT SIZE	DIM "W"	SIGNALS (Ø0.37)	SHIELD GROUND (Ø0.56)	CONNECTOR LOCATION (Ø1.60)
2X1	14.25	40	24	2
2X2	28.50	80	39	4
2X4	57.00	160	69	8
2X6	85.50	240	99	12
2X8	114.00	320	129	16
2X12	171.00	480	189	24

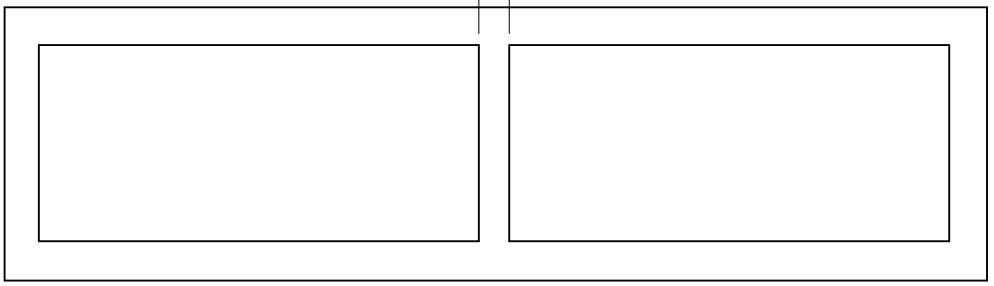
SEE SHEET 1 EC NO: UCP2013-2914 DRWN: JKACHLIC 2013/01/15 CHKD: MBANAKIS 2013/01/21 APPR: MBANAKIS	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±0.25	±---	0 PLACE	±	±	DIMENSION STYLE MM ONLY DRAWN BY: JGONZALEZ01 CHECKED BY: JKACHLIC APPROVED BY: MBANAKIS DATE: 2010/05/27 DATE: 2010/06/03 DATE: 2010/10/24	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET molex DOCUMENT NO. SD-170071-0001 SHEET NO. 3 OF 4
		mm	INCH																					
	4 PLACES	±---	±---																					
	3 PLACES	±---	±---																					
	2 PLACES	±---	±---																					
1 PLACE	±0.25	±---																						
0 PLACE	±	±																						
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					



BEZEL CUT-OUT DETAIL
BEZEL THICKNESS 0.8-2.6



4.00 SEE NOTE



BEZEL CUT OUT FOR
CONNECTOR STACKING

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

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:JKACHLIC 2013/01/15

CHKD: MBANAKIS

APPR:MBANAKIS 2013/01/21

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	DATE
JGONZALEZ01	2010/05/27
CHECKED BY	DATE
JKACHLIC	2010/06/03
APPROVED BY	DATE
MBANAKIS	2010/10/24

MATERIAL NO.

SEE CHART

SIZE C

SCALE

2:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET

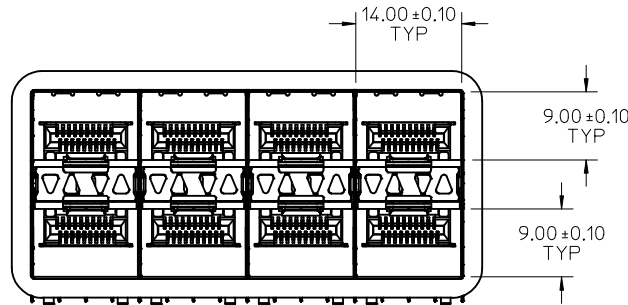
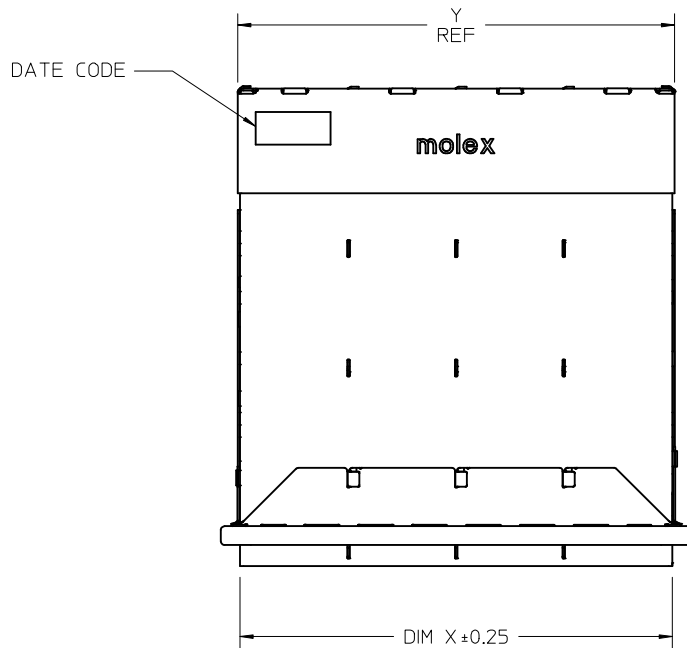
molex

DOCUMENT NO.

SD-170071-0001

SHEET NO.

4 OF 4



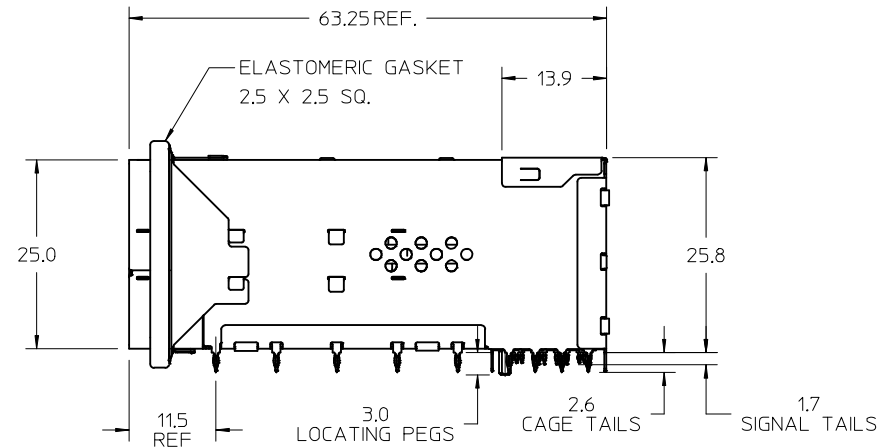
NUMBER OF PORTS	PART NUMBER	DIM X	DIM Y
2X1	170071101*	14.50	15.10
2X2	170071201*	28.75	29.35
2X4	170071401*	57.25	57.85
2X6	170071601*	85.75	86.35
2X8	170071801*	114.25	114.85
2X12	170071121*	171.25	171.85

*-DESIGNATES LIGHT PIPE CONFIGURATIONS, SEE SHEET 2

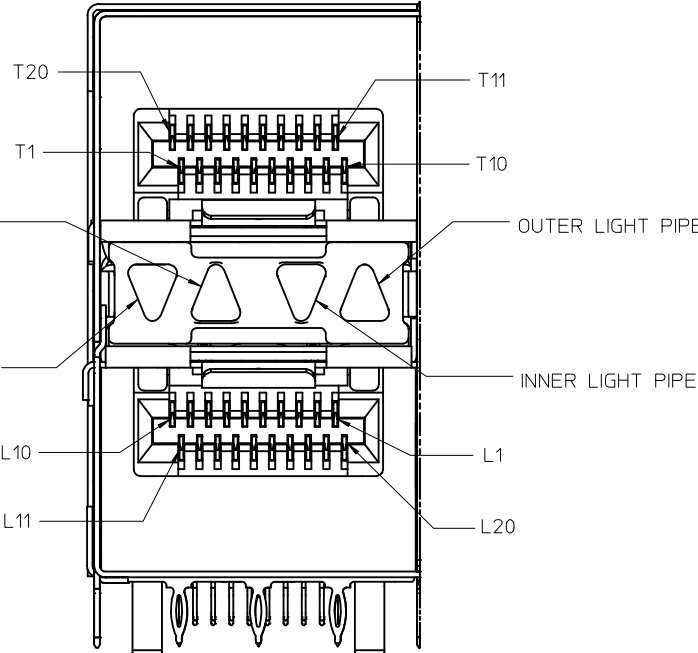
NOTES:

1. MATERIAL:

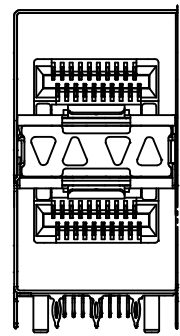
- CAGE: NICKEL SILVER
 - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK
 - LIGHT PIPES: POLYCARBONATE, 94 HB, COLOR: CLEAR
 - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
 - FRONT SHIELD WALL: COPPER ALLOY
 - LIGHT PIPE HOUSING: ZINC ALLOY
 - ELASTOMERIC GASKET: SILVER IMPREGNATED SILICONE
- ##### 2. FINISH
- TERMINALS: CONTACT AREA: 0.76 μ m MIN. HARD GOLD OVER 3.8 μ m MIN. NICKEL.
 - COMPLIANT TAIL: 0.7-1.5 μ m MATTE TIN OVER 0.7-1.5 μ m NICKEL
 - FRONT SHIELD WALL: 0.7-1.5 μ m NICKEL OVERALL
 - LIGHT PIPE HOUSING: 2.0 μ m NICKEL OVER 0.7 μ 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.



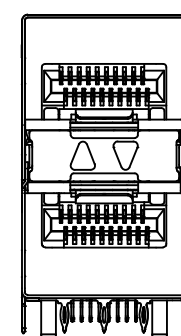
UPDATE & ADD **15 EC NO: UCP2013-2914 G DRWN: KACHLIC 2013/01/15 CHKD: MBANAKIS 2013/01/21 APPR: MBANAKIS 2013/01/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY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



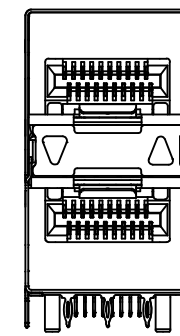
Partial4
SCALE 6:1



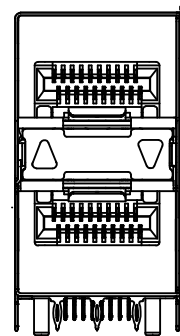
4 LIGHT PIPE
170071-**-11



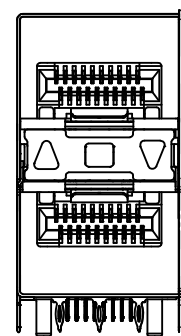
INNER LIGHT PIPE
170071-**-12



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

EC NO: UCP2013-2914

DRWN:JKACHLIC 2013/01/15

CHKD: MBANAKIS 2013/01/21

APPR:MBANAKIS

DESCRIPTION

REV

QUALITY SYMBOLS

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

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SEE CHART

SIZE

C

SCALE

3:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

ZSFP+ STACKED ASSY WITH LIGHT PIPES AND ELASTOMERIC GASKET

molex

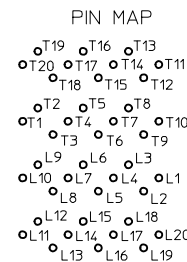
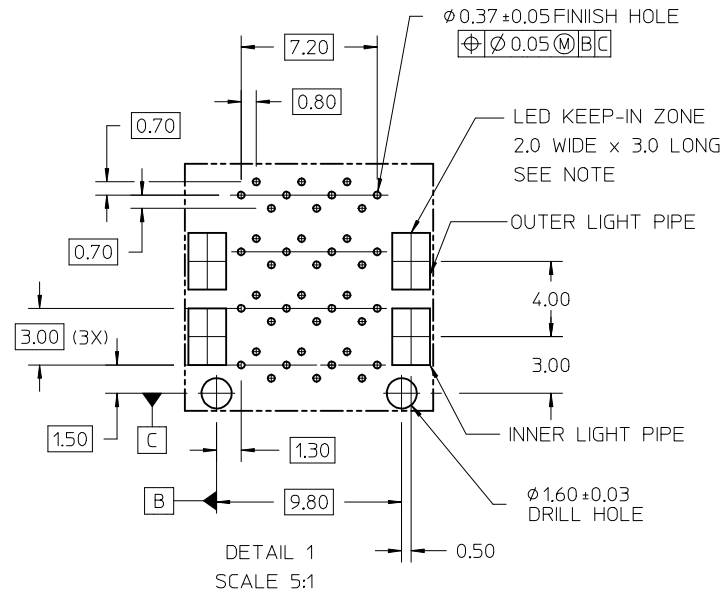
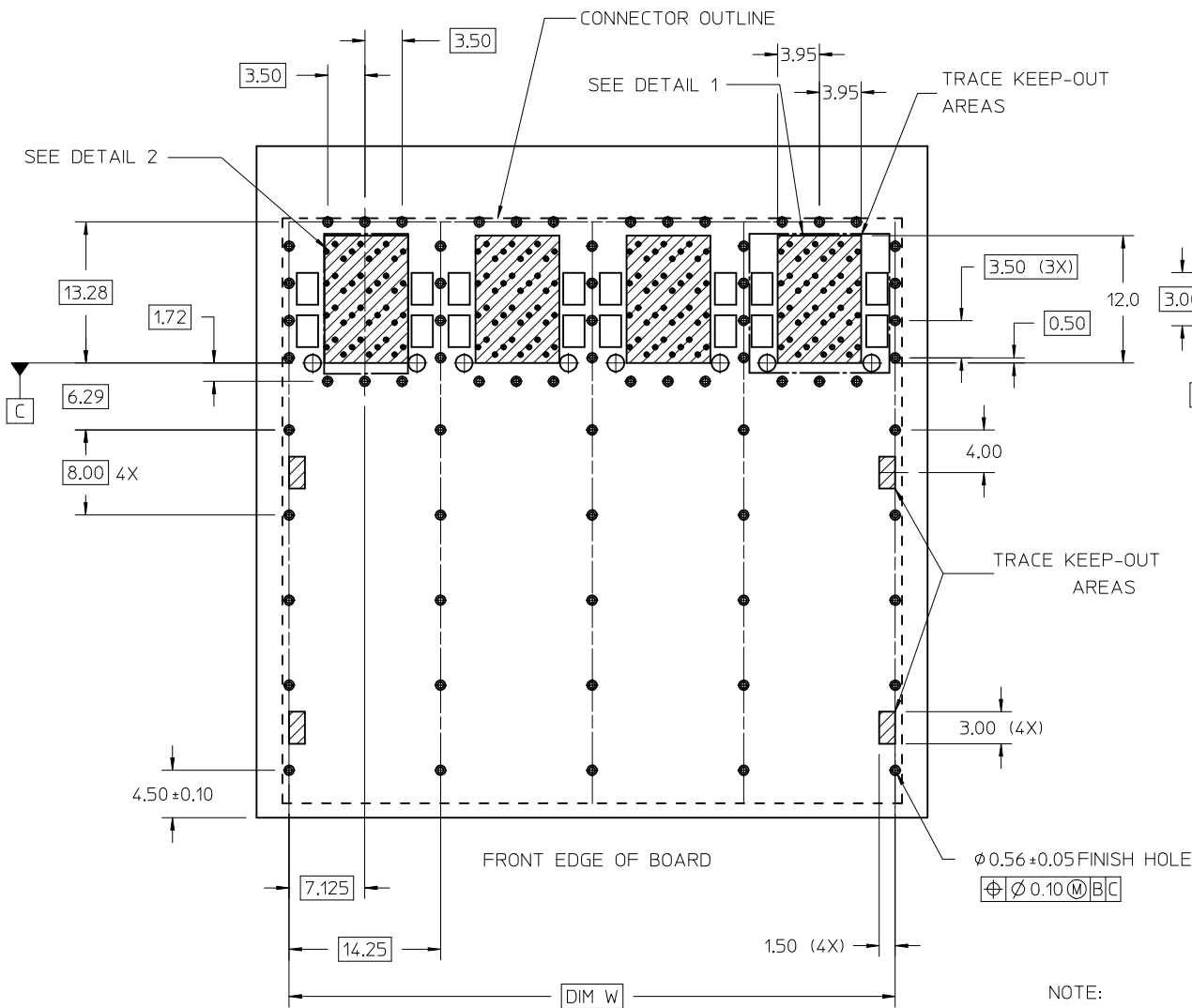
DOCUMENT NO.

SD-170071-0002

SHEET NO.

2 OF 4

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



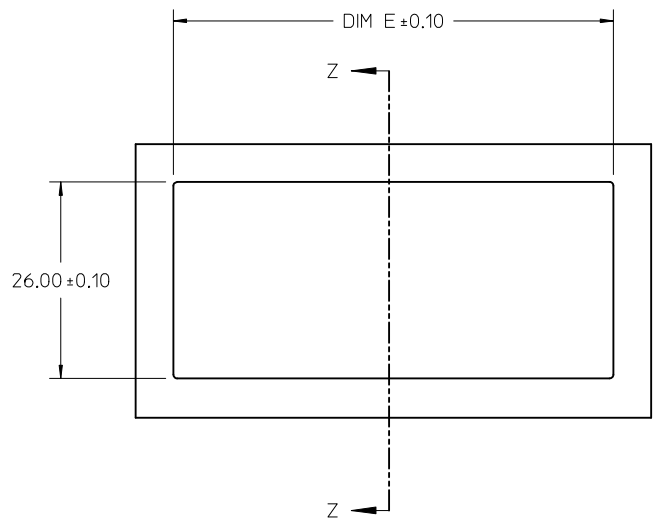
DETAIL 2
SCALE 5:1

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

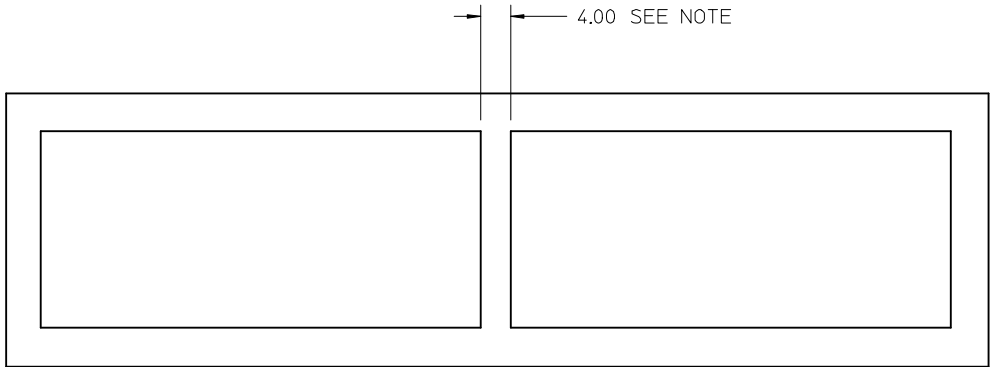
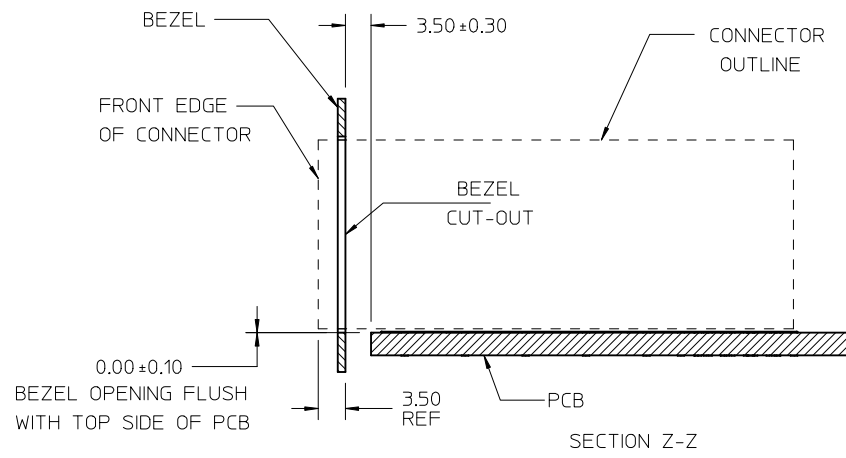
PORT SIZE	DIM "W"	HOLE CHART		
		SIGNALS (Ø0.37)	EMI CAGE (Ø0.56)	LOCATING PEG (Ø1.60)
2X1	14.25	40	24	2
2X2	28.50	80	39	4
2X4	57.00	160	69	8
2X6	85.50	240	99	12
2X8	114.00	320	129	16
2X12	171.00	480	189	24

SEE SHEET 1 EC NO: UCP2013-2914 DRAWN: JKACHLIC 2013/01/15 CHKD: MBANAKIS 2013/01/21 APPR: MBANAKIS 2013/01/21	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
							DRAWN BY JGONZALEZ01		DATE 2010/06/09		TITLE ZSFP+ STACKED ASSY WITH LIGHT PIPES AND ELASTOMERIC GASKET	
							CHECKED BY JKACHLIC		DATE 2010/06/09			
							APPROVED BY MBANAKIS		DATE 2010/11/17			
							MATERIAL NO.		DOCUMENT NO. SD-170071-0002			SHEET NO. 3 OF 4
							SEE CHART					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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