



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



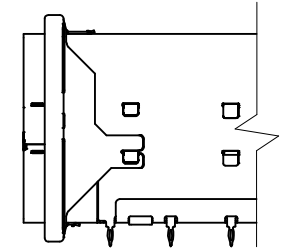
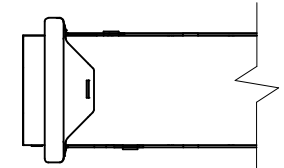
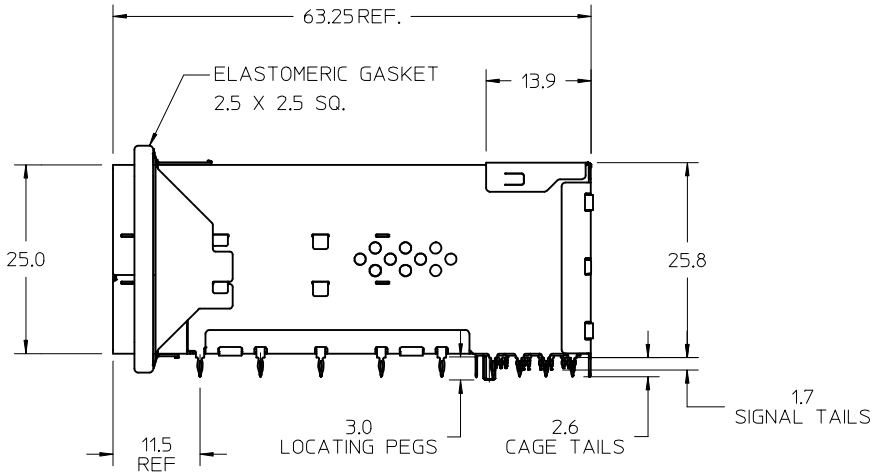
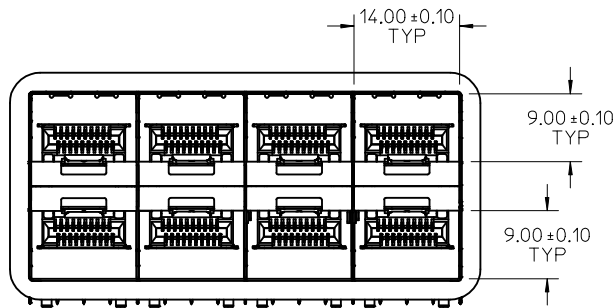
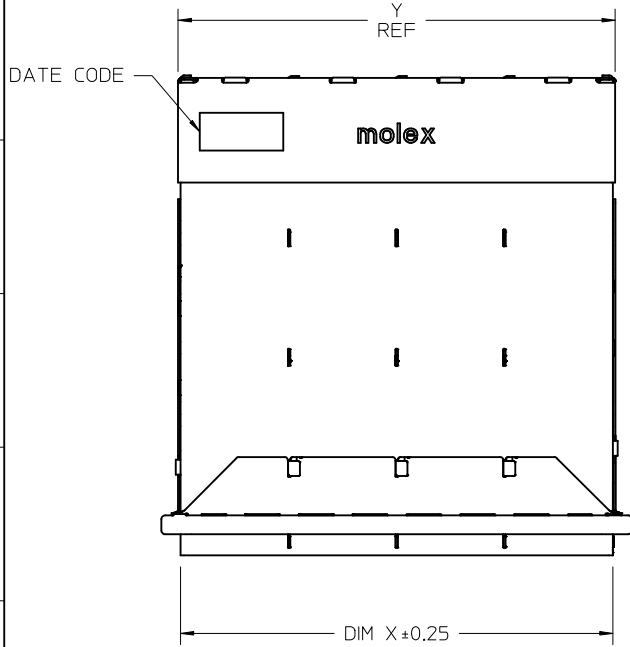
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





170071-1001
APPEARANCE

170071-4001 SHOWN FOR REFERENCE
APPEARANCE MAY VARY WITH SIZE

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 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

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

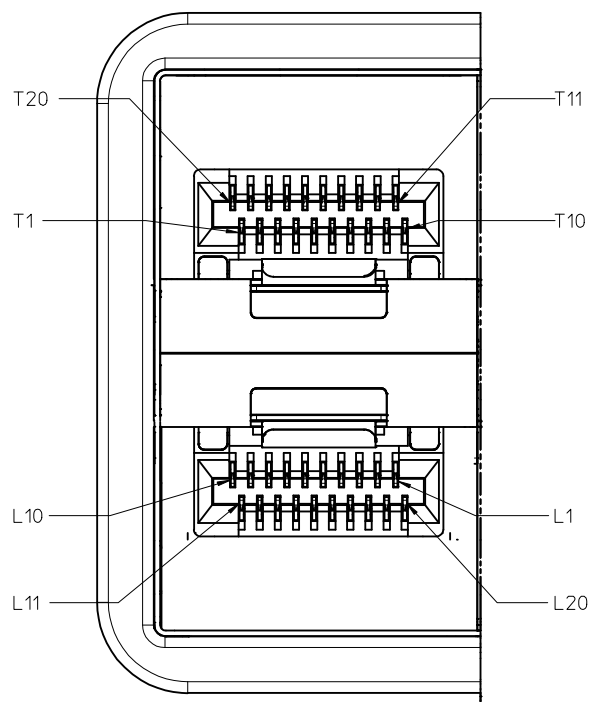
4. REFER TO PS-170071-0001 FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.

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

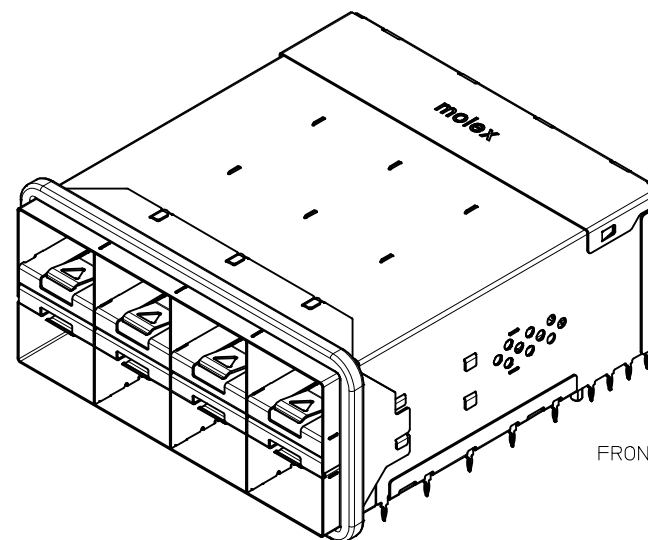
6. REFER TO AS-170071-0002 FOR PCB ROUTING RECOMMENDATIONS.

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.

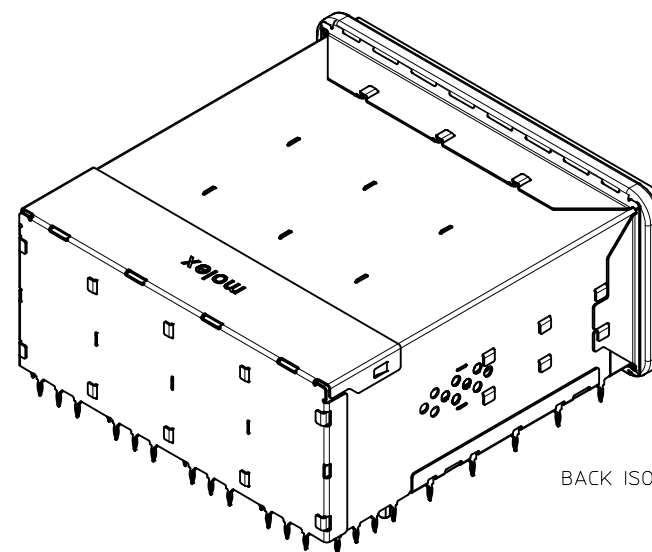
ADDED GENERAL TOL EC NO: UCP2016-3736 DRWN:KEMPEGONDA 2016/07/25 CHKD: APPR:SMILLER 2016/08/15	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY DATE JGONZALEZ01 2010/05/27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



Partial1
SCALE 6:1

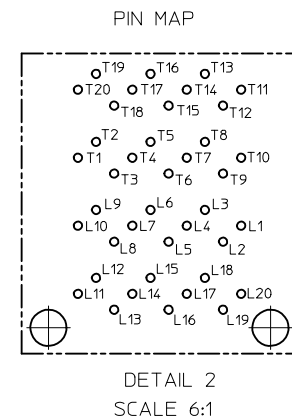
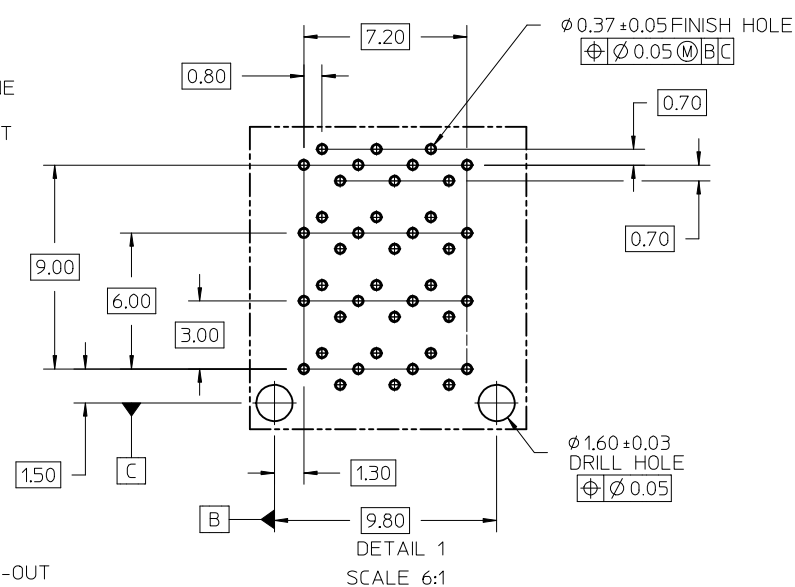
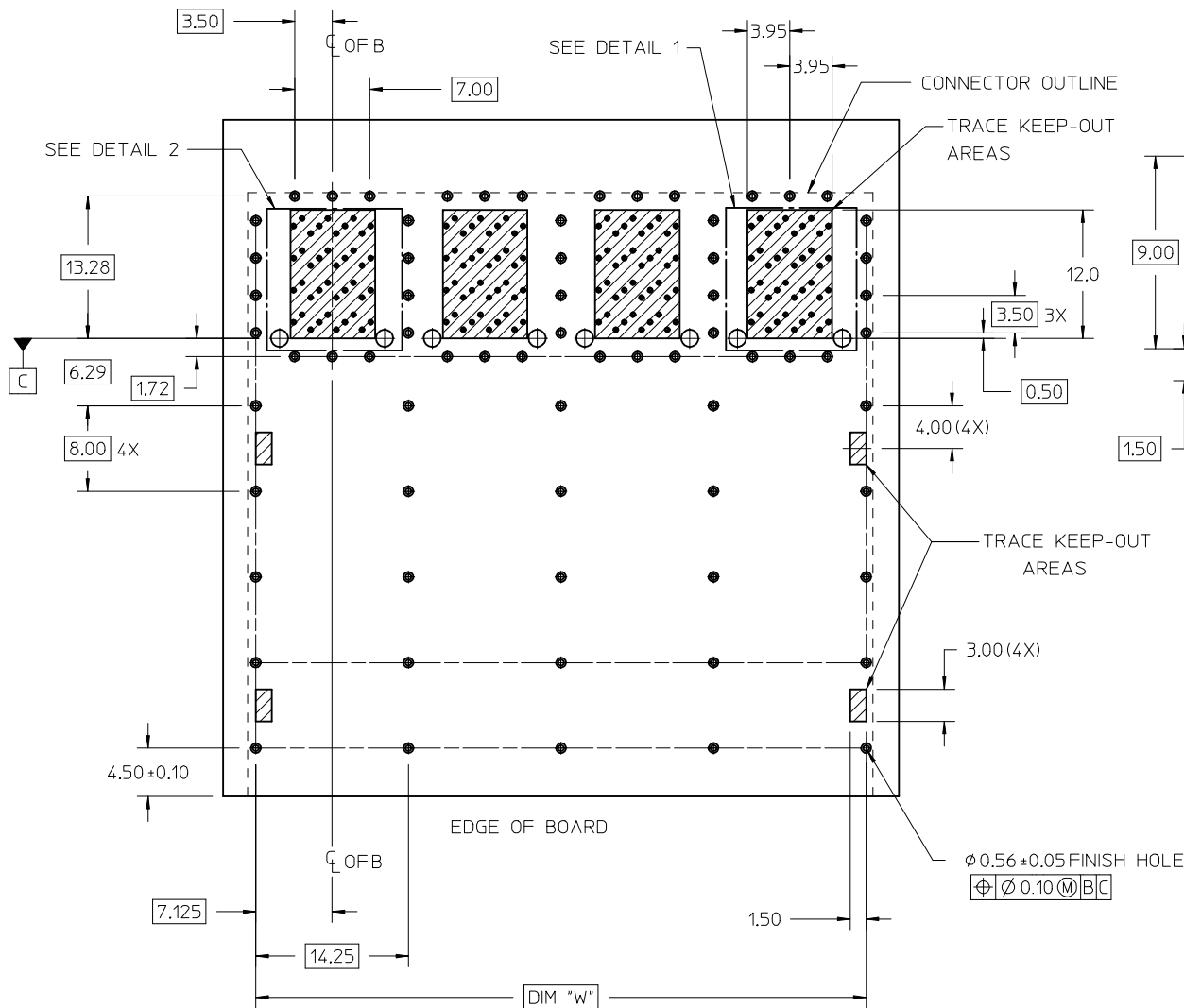


FRONT ISO VIEW



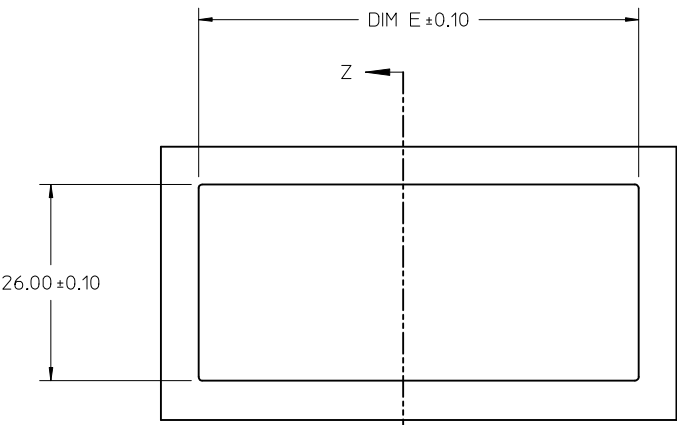
BACK ISO VIEW

SEE SHEET 1 EC NO: UCP2016-3736 DRAWN: KEMPEGONDA 2016/07/25 CHKD: APPR: MILLER 2016/08/15	DESCRIPTION	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 2010/05/27	TITLE ZSFP+ STACKED FULL ASSY WITH ELASTOMERIC GASKET	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	JKACHLIC	2010/06/03		
			2 PLACES	± 0.13	± ---	APPROVED BY	DATE		
			1 PLACE	± 0.25	± ---	MBANAKIS	2010/10/24		
	0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
	ANGULAR ±1/2°		SEE CHART		SD-170071-0001		2 OF 4		
	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					

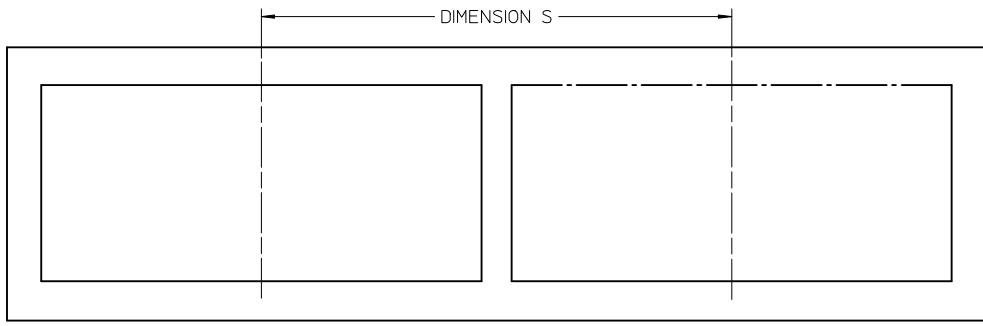
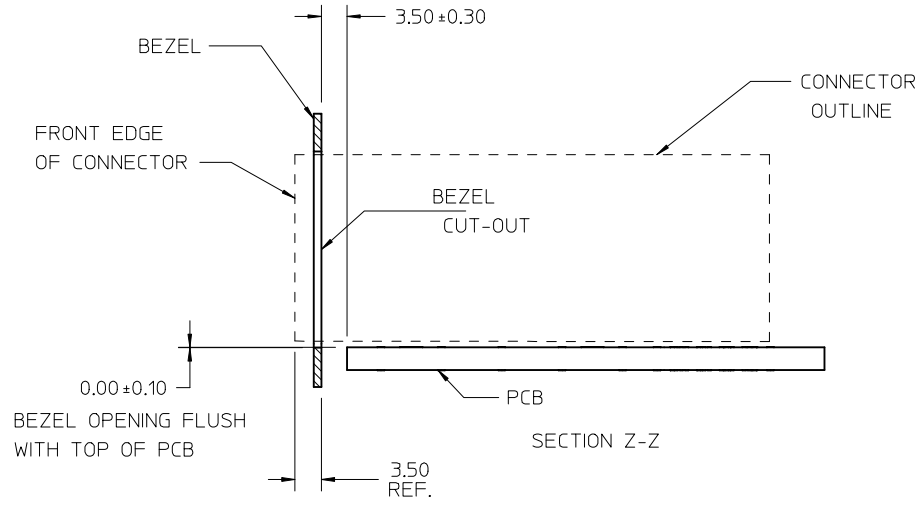


HOLE CHART				
PORT SIZE	DIM "W"	SIGNALS (Ø0.37)	SHIELD GROUND (Ø0.56)	CONNECTOR LOCATION (Ø1.60)
2X1	14.25	40	24	2
2X2	28.50	80	39	4
2X4	57.00	160	69	8
2X6	85.50	240	99	12
2X8	114.00	320	129	16
2X12	171.00	480	189	24

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

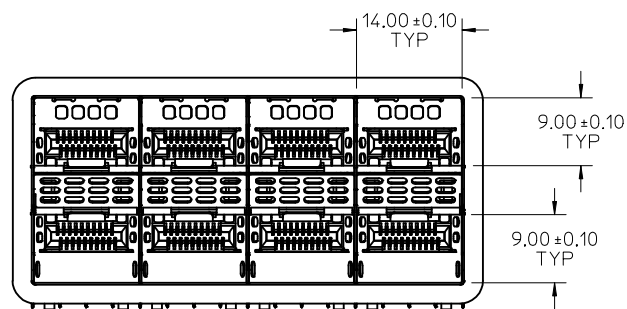
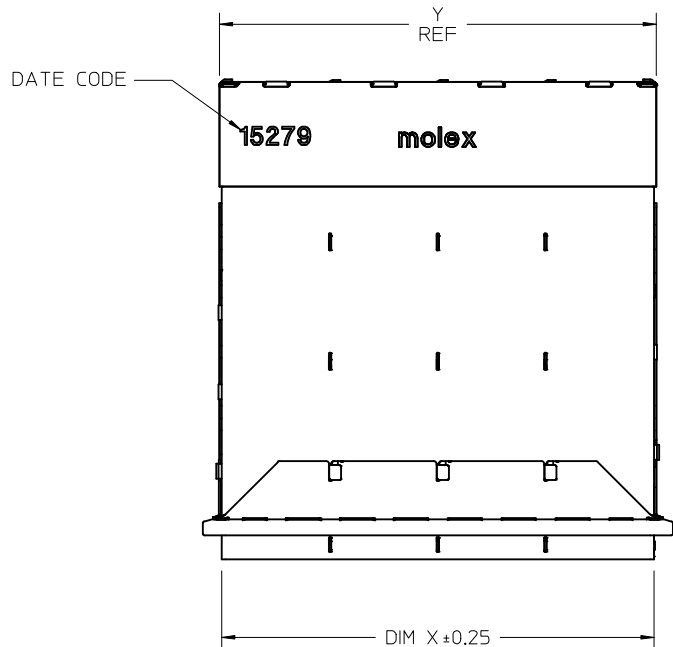


BEZEL CUT-OUT DETAIL
BEZEL THICKNESS 0.8-2.6



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



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

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 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

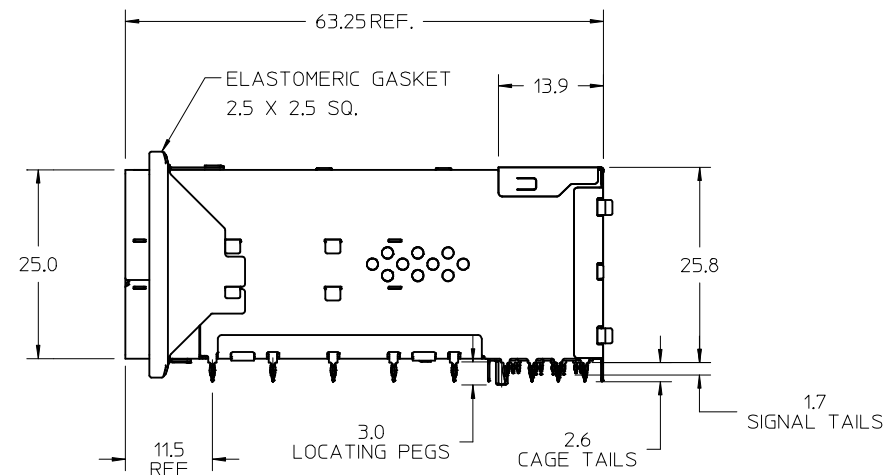
3. 2X4 CONFIGURATION SHOWN FOR REFERENCE, SEE CHART FOR AVAILABLE OPTIONS

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.

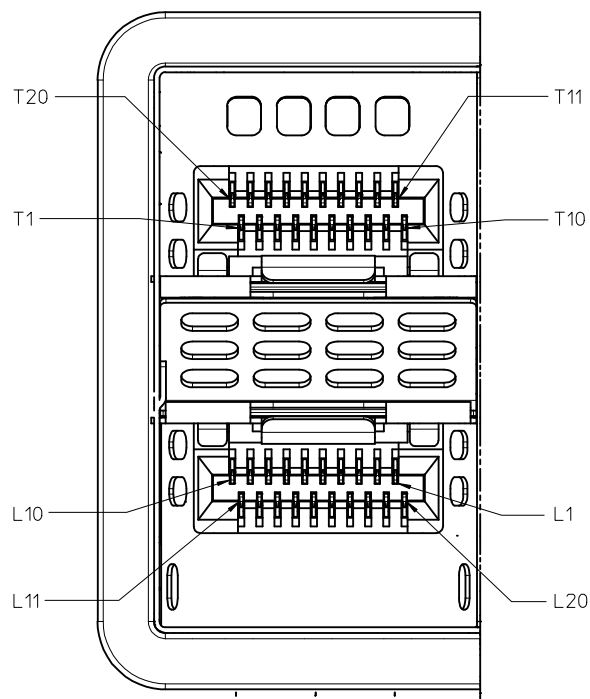
6. REFER TO AS-170071-0002 FOR PCB ROUTING RECOMMENDATIONS.

7. ALL SURFACES CLASS "C" PER MOLEX COSMETIC SPECIFICATION ES-171233-0001.

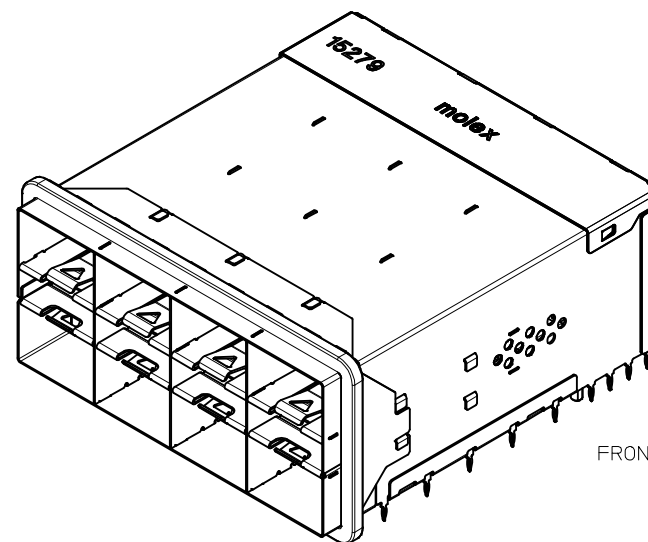


170071-4004 SHOWN FOR REFERENCE
APPEARANCE MAY VARY WITH SIZE

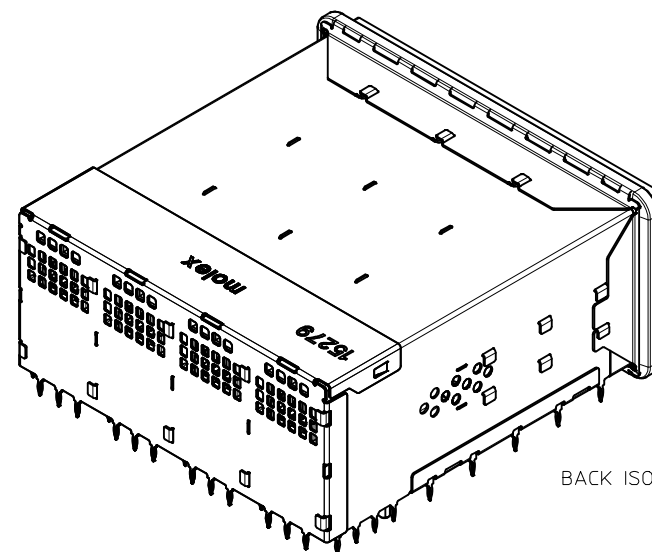
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				mm	INCH	DRAWN BY JKACHLIC	DATE 2015/06/24	TITLE ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET			
			4 PLACES	± ---	± ---	CHECKED BY	DATE				
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2015/06/25	molex		
			2 PLACES	± 0.13	± ---						
1 PLACE	± 0.25	± ---									
0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.	SHEET NO.					
ANGULAR ±1/2°			SEE CHART		SD-170071-0004		1 OF 4				
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							



Partial1
SCALE 6:1

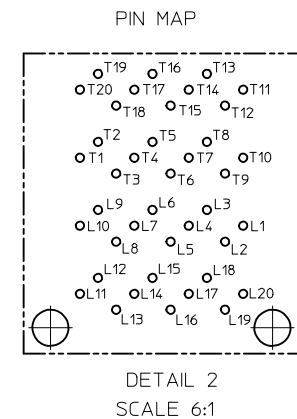
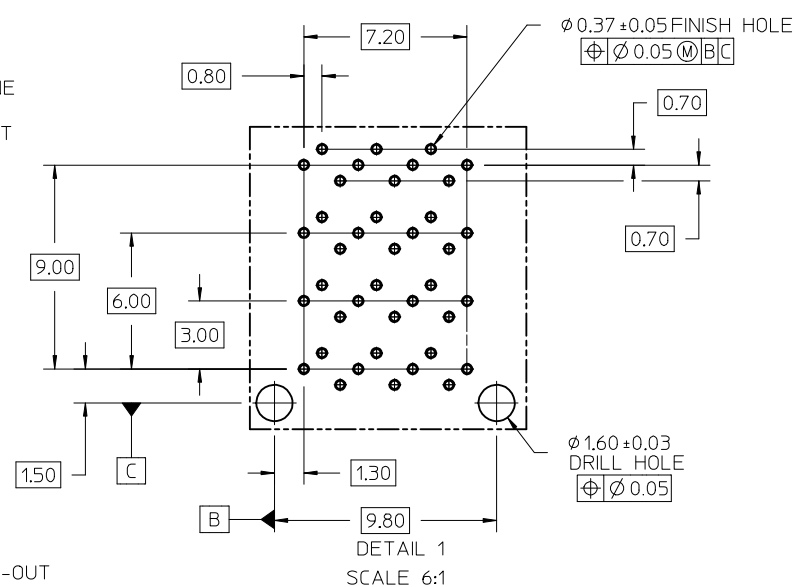
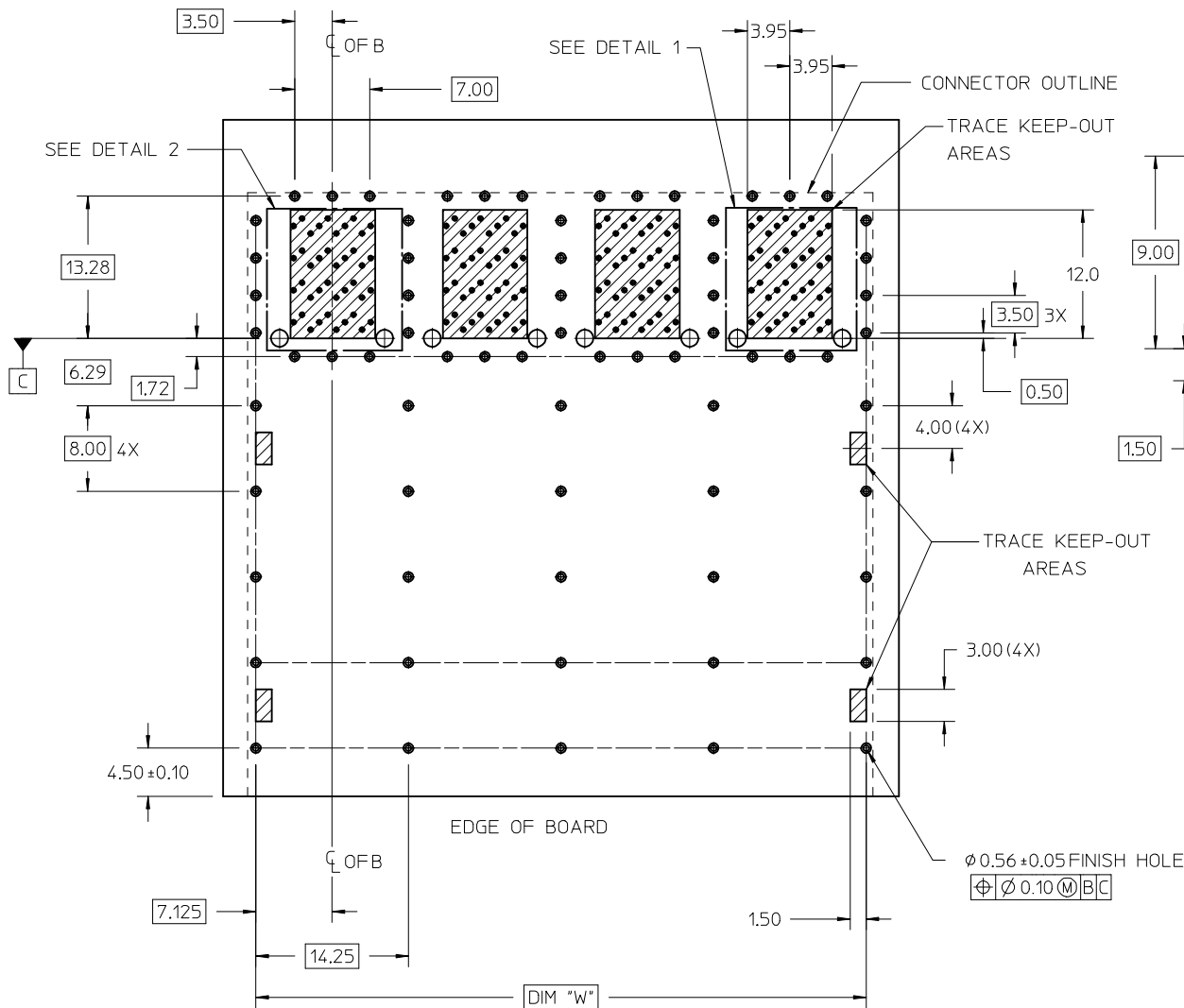


FRONT ISO VIEW



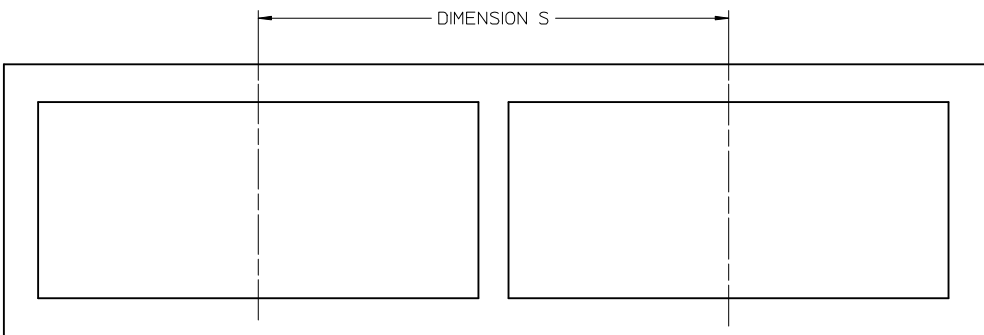
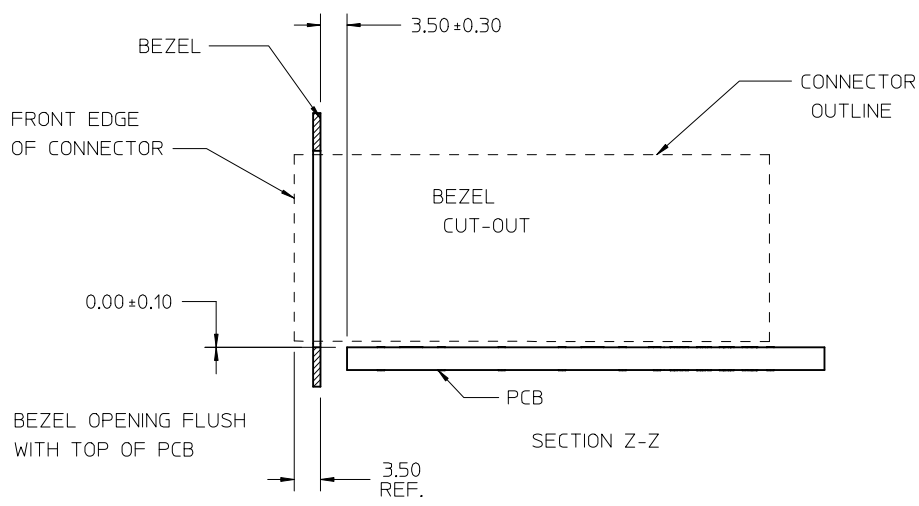
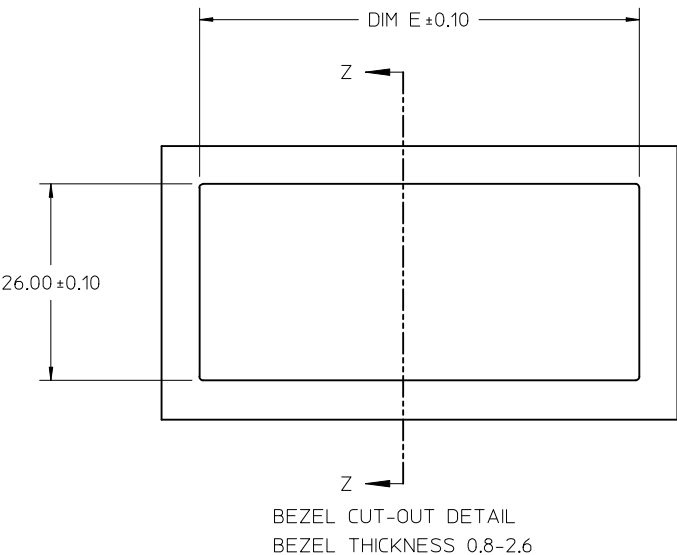
BACK ISO VIEW

SEE SHEET 1 EC NO: UCP2016-3736 2 CHKD: DRWN:KEMPEGONDA 2016/07/26 APPR: MILLER 2016/08/15	REV	DESCRIPTION	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 FLOW THRU WITH ELASTOMERIC GASKET molex DOCUMENT NO. SD-170071-0004	SHEET NO. 2 OF 4
						DRAWN BY JKACHLIC	DATE 2015/06/24					
						CHECKED BY	DATE					
				4 PLACES ± --- ± ---		APPROVED BY MBANAKIS		DATE 2015/06/25				
				3 PLACES ± --- ± ---		MATERIAL NO.						
				2 PLACES ± 0.13 ± ---		SEE CHART						
				1 PLACE ± 0.25 ± ---		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				
0 PLACE ± ±												



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 EC NO: UCP2016-3736 DRWN:MKP/EGONDA 2016/07/26 CHKD: APPR:SMILLER 2016/08/15 REV 2	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	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>±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> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	0 PLACE	±	±	DIMENSION STYLE MM ONLY DRAWN BY: JKACHLIC DATE: 2015/06/24 CHECKED BY: DATE:	SCALE: 3:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
		mm	INCH																			
	4 PLACES	±---	±---																			
	3 PLACES	±---	±---																			
2 PLACES	±0.13	±---																				
1 PLACE	±0.25	±---																				
0 PLACE	±	±																				
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY: MBANAKIS DATE: 2015/06/25 MATERIAL NO.:	TITLE: ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET molex DOCUMENT NO.: SD-170071-0004																			
		SIZE: C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO.: 3 OF 4																			



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

BEZEL CUT OUT FOR
CONNECTOR STACKING

SEE SHEET 1
EC NO: UCP2016-3736
DRAWN: KEMPEGONDA 2016/07/26
CHKD: MILLER 2016/08/15
APPR: MILLER 2016/08/15

REV
2

DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.25 ± ---
0 PLACE ± ±
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY JKACHLIC DATE 2015/06/24
CHECKED BY DATE
APPROVED BY MBANAKIS DATE 2015/06/25
MATERIAL NO.
SIZE C

SCALE 2:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE
ZSFP+ STACKED FLOW THRU WITH ELASTOMERIC GASKET
DOCUMENT NO.
SD-170071-0004
SHEET NO.
4 OF 4

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