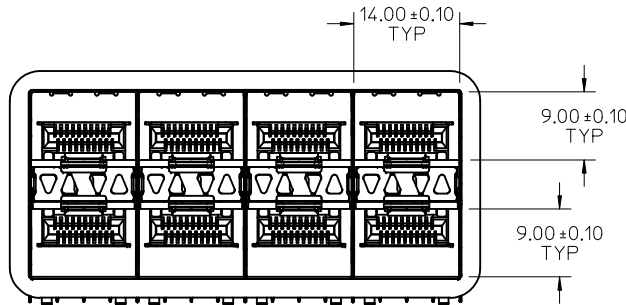
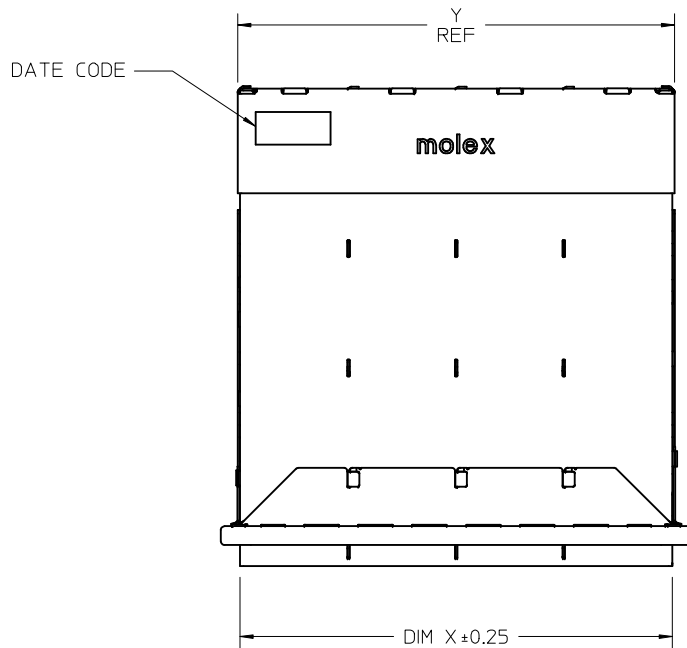




NUMBER OF PORTS	PART NUMBER	DIM X	DIM Y
2X1	170071101*	14.50	15.10
2X2	170071201*	28.75	29.35
2X4	170071401*	57.25	57.85
2X6	170071601*	85.75	86.35
2X8	170071801*	114.25	114.85
2X12	170071121*	171.25	171.85

*-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

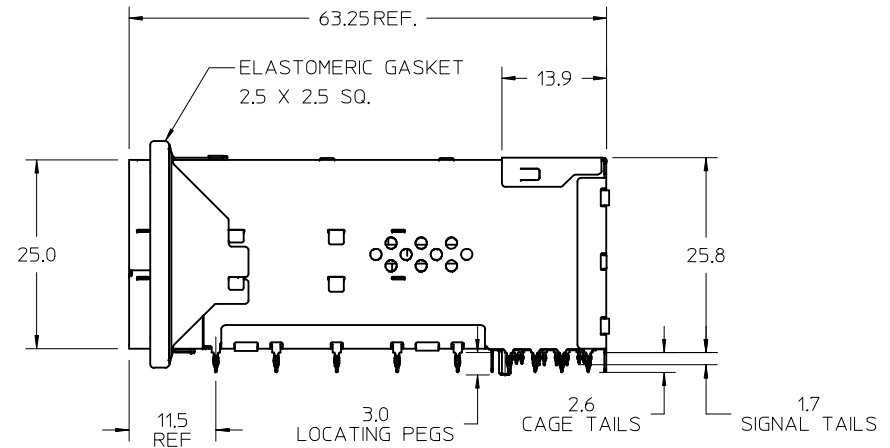
3. 2X4 CONFIGURATION SHOWN FOR REFERENCE. SEE CHART FOR AVAILABLE OPTIONS

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

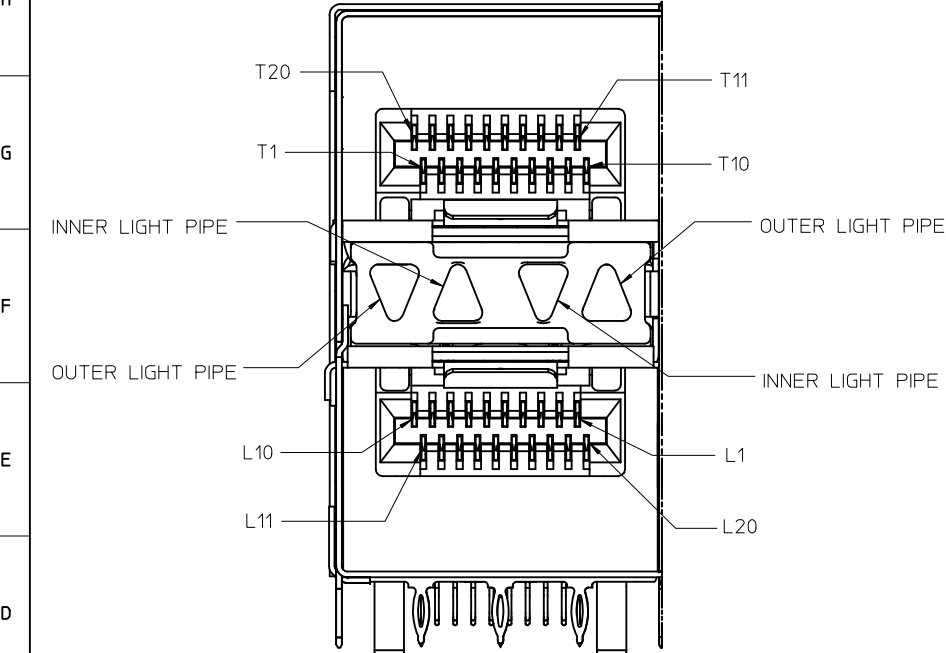
5. REFER TO AS-170071-0001 FOR CONNECTOR MOUNTING AND REWORK INFORMATION.

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

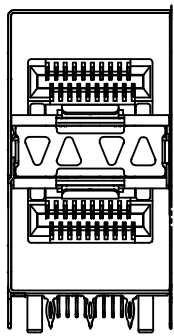
7. ALL VISIBLE EXTERIOR SURFACES TO BE CLASS "B" (BOTTOM OF CONNECTOR IS CLASS "C") CAGE SURFACES TO CONFORM TO THE MOLEX COSMETIC DOC PS-45499-002.



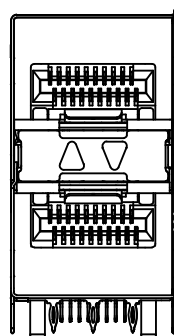
UPDATE & ADD **15 EC NO: UCP2013-2914 G DRWN: KACHLIC 2013/01/15 CHKD: MBANAKIS 2013/01/21 APPR: MBANAKIS	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JGONZALEZ01	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	± ---	ANGULAR ±1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			0 PLACE	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						



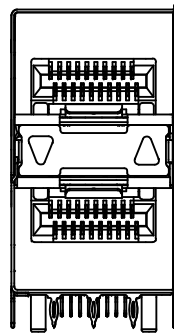
Partial4
SCALE 6:1



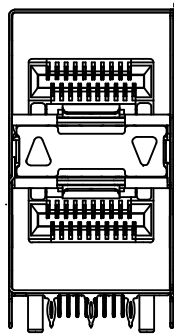
4 LIGHT PIPE
170071-**11



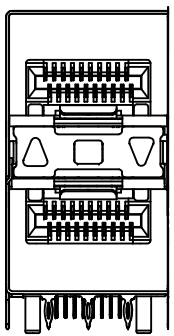
INNER LIGHT PIPE
170071-**12



OUTER DOWN/UP
170071-**13



OUTER UP/DOWN
170071-**14

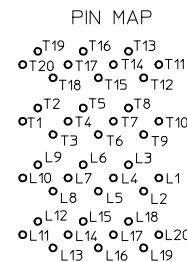
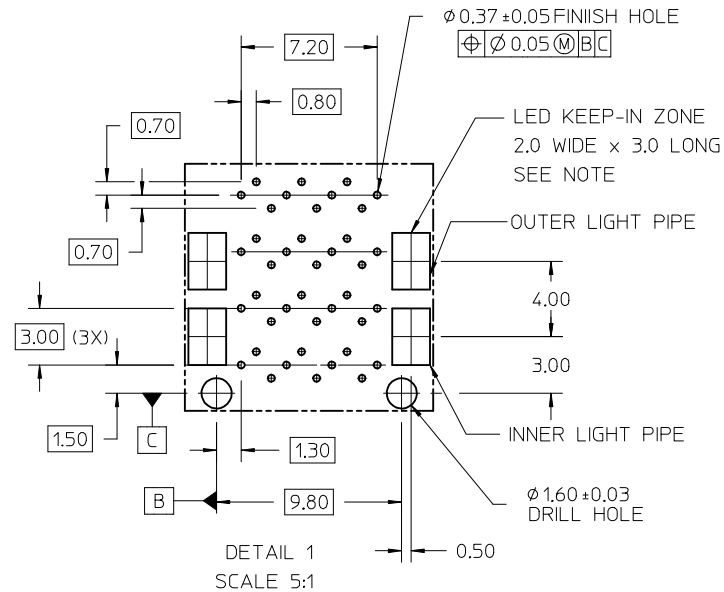
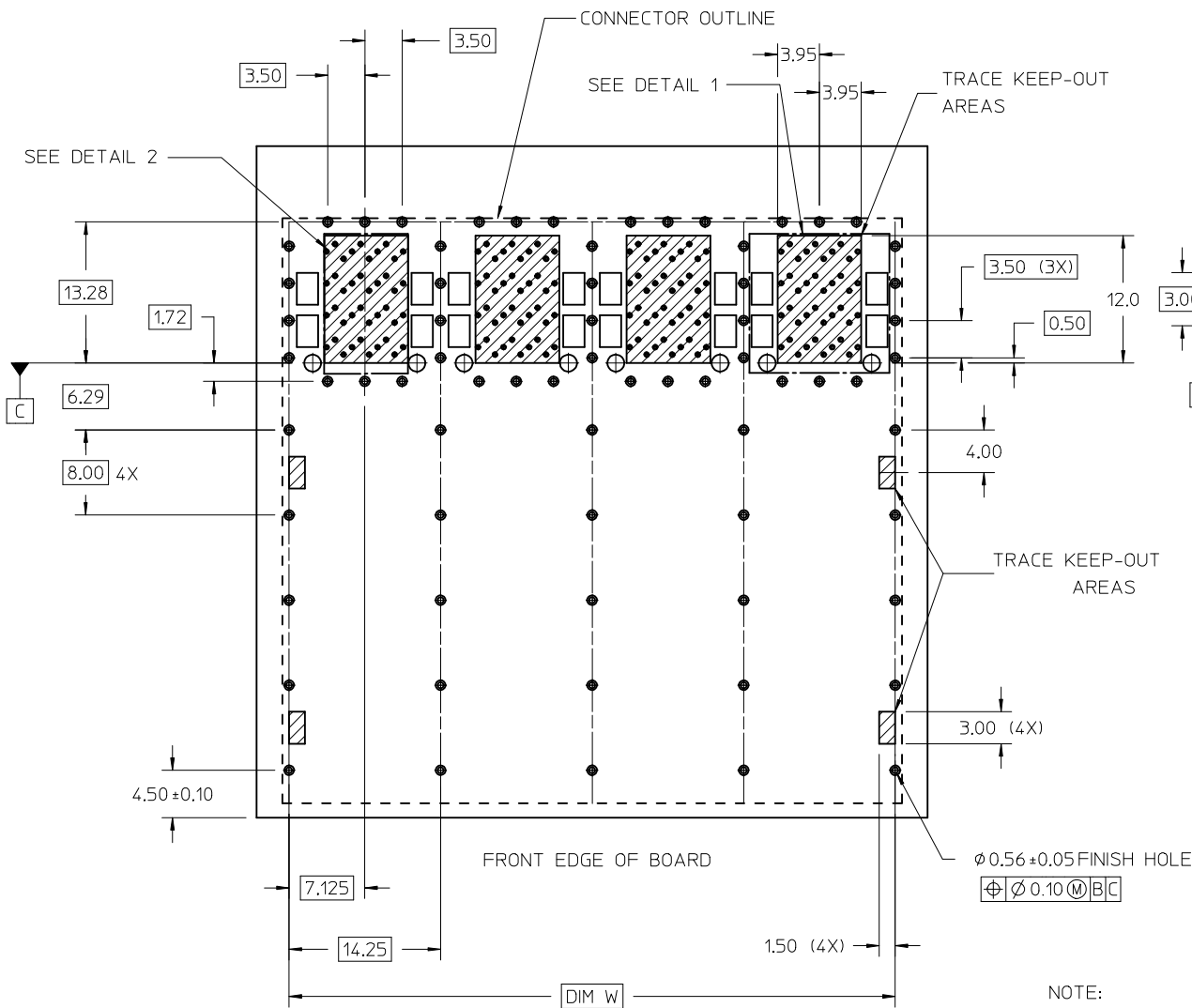


3 LIGHT PIPE
UP / MIDDLE / DOWN
170071-**15

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



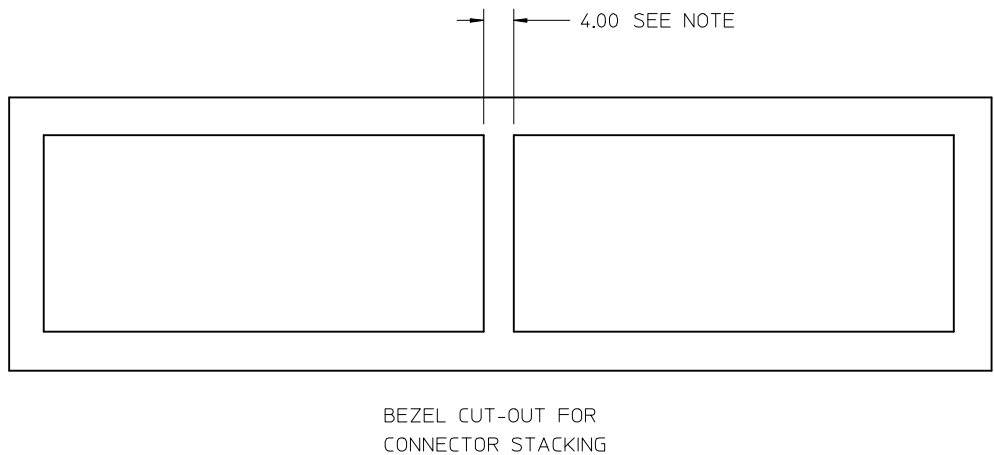
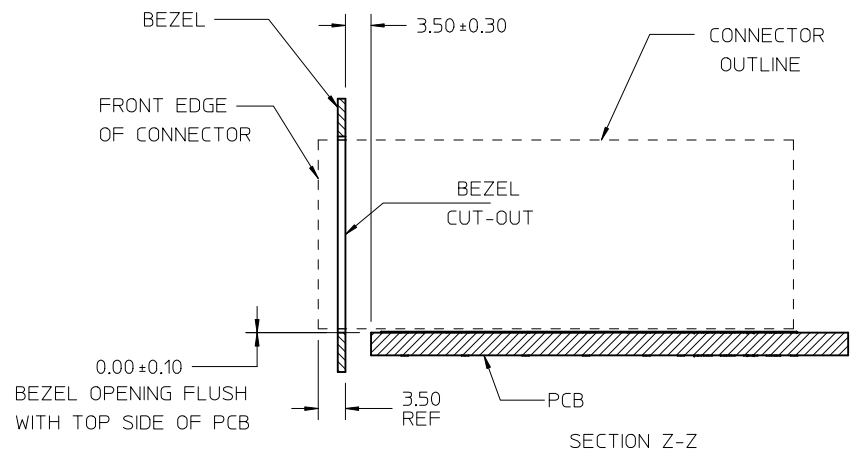
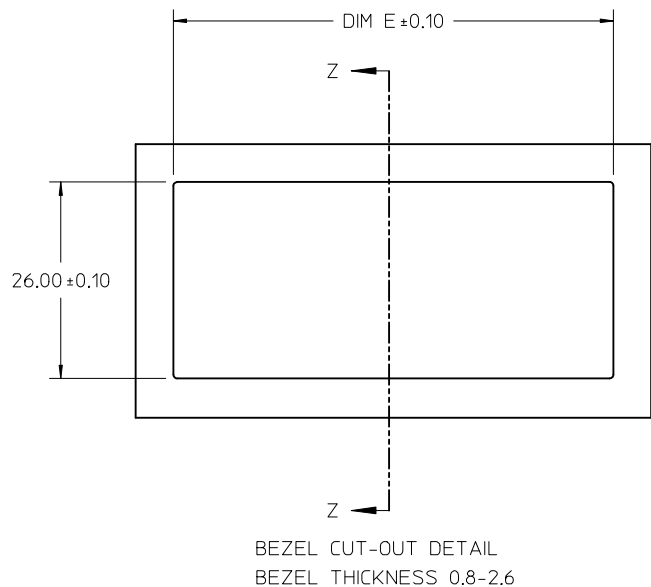
DETAIL 2
SCALE 5:1

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	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			 F=0  F=0  F=0	mm		INCH		DRAWN BY JGONZALEZ01			DATE 2010/06/09	TITLE ZSFP+ STACKED ASSY WITH LIGHT PIPES AND ELASTOMERIC GASKET molex
				4 PLACES	± ---	± ---	CHECKED BY JKACHLIC		DATE 2010/06/09			
				3 PLACES	± ---	± ---	APPROVED BY MBANAKIS		DATE 2010/11/17			
				2 PLACES	± ---	± ---						
				1 PLACE	± 0.25	± ---						
			0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.	SHEET NO.			
			ANGULAR ±1/2°			SEE CHART			SD-170071-0002		3 OF 4	
			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						

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 2013/01/21 APPR:MBANAKIS 2013/01/21	QUALITY SYMBOLS	DESCRIPTION	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				
			4 PLACES	± ---	± ---	CHECKED BY JKACHLIC	DATE 2010/06/09					
			3 PLACES	± ---	± ---	APPROVED BY MBANAKIS	DATE 2010/11/17					
			2 PLACES	± ---	± ---	MATERIAL NO.						
			1 PLACE	± 0.25	± ---	DOCUMENT NO.						
			0 PLACE	±	±	SHEET NO.						
			ANGULAR ±1/2°			SEE CHART		SD-170071-0002			4 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					