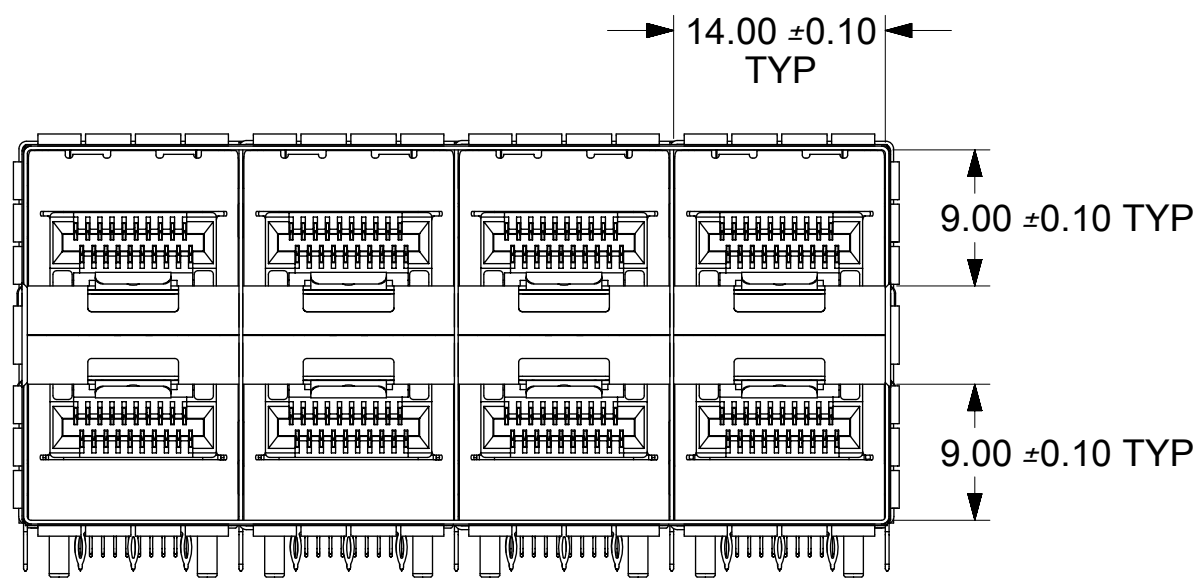
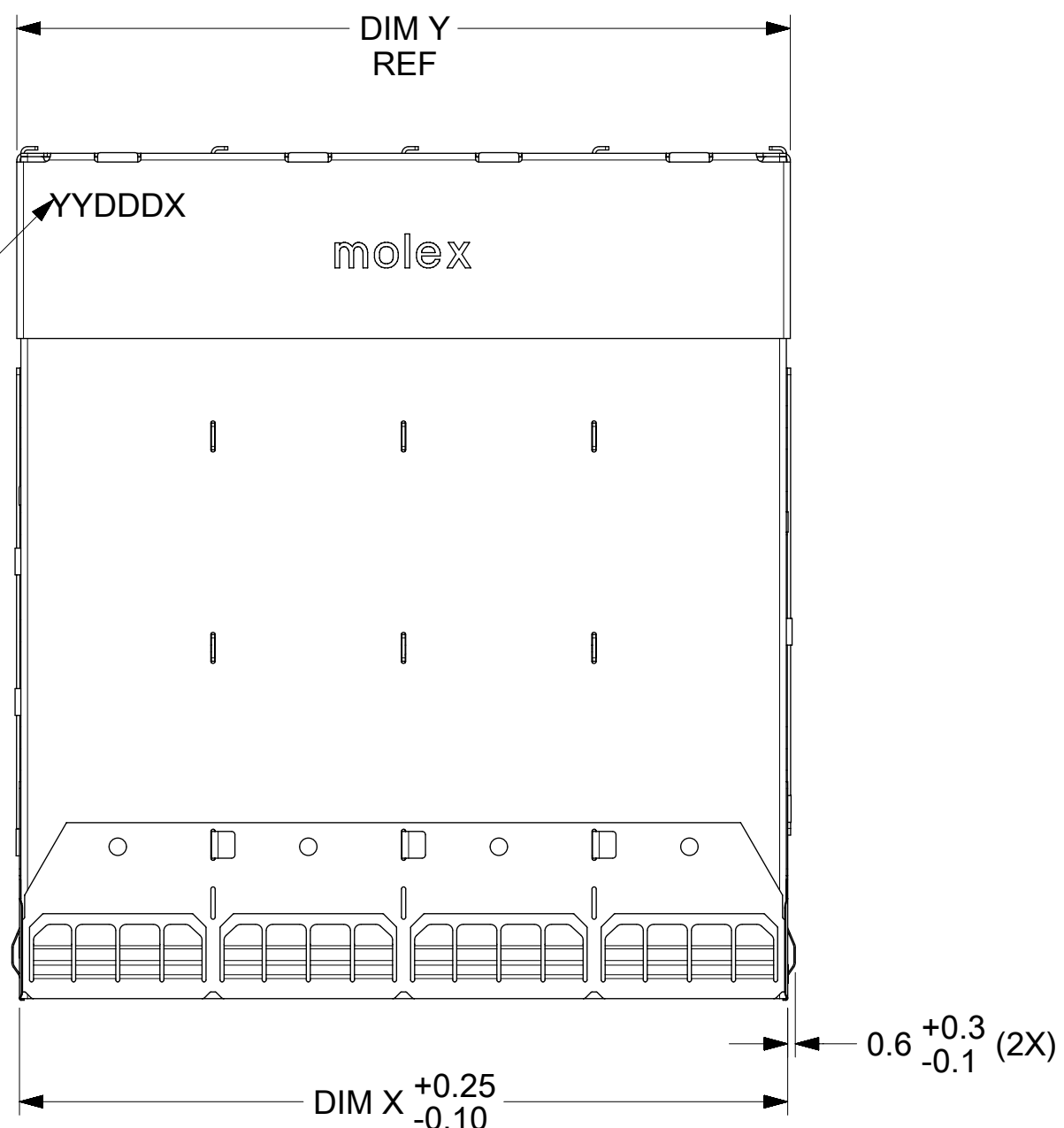
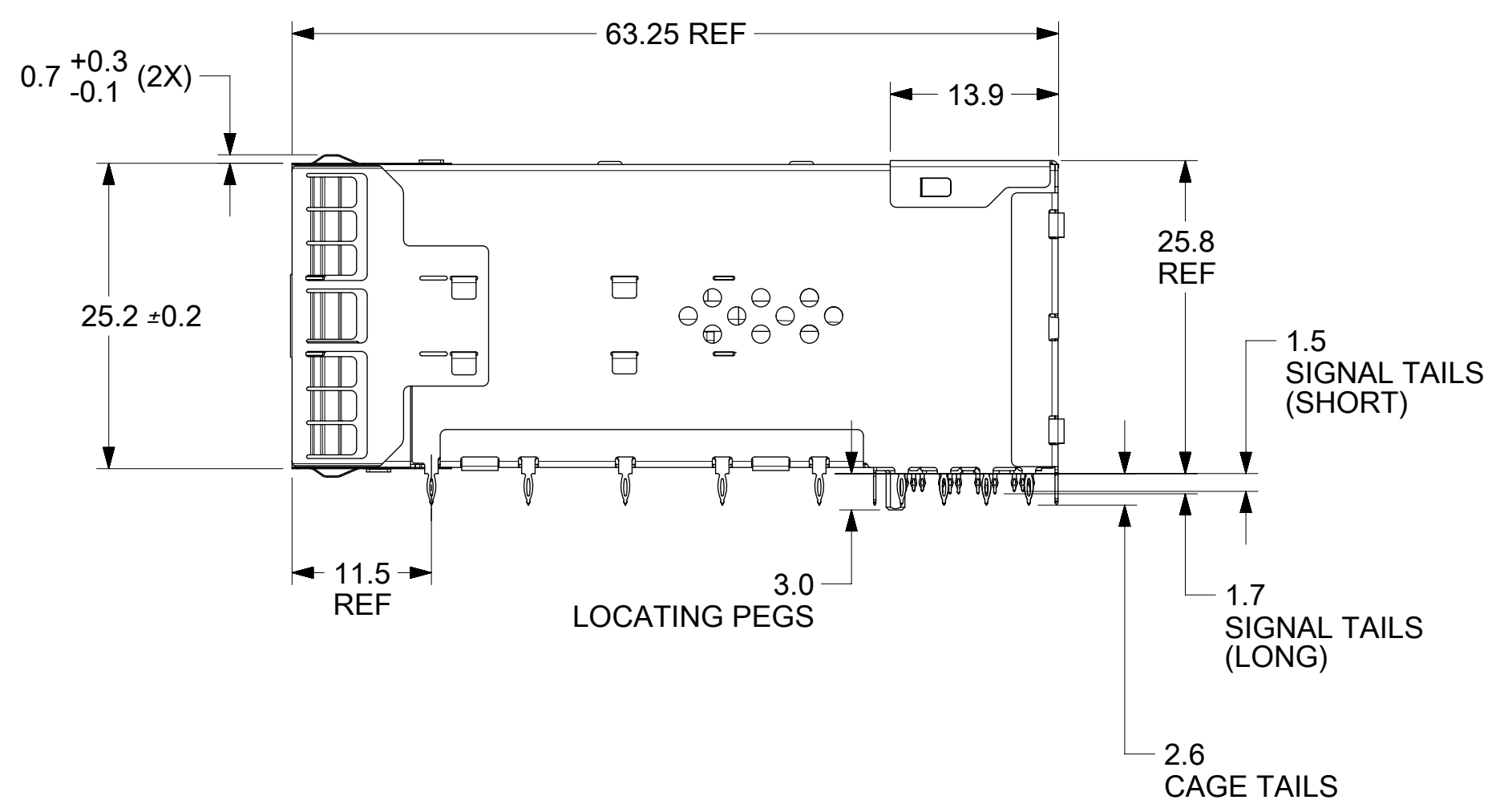


DATE CODE, SEE NOTE 8



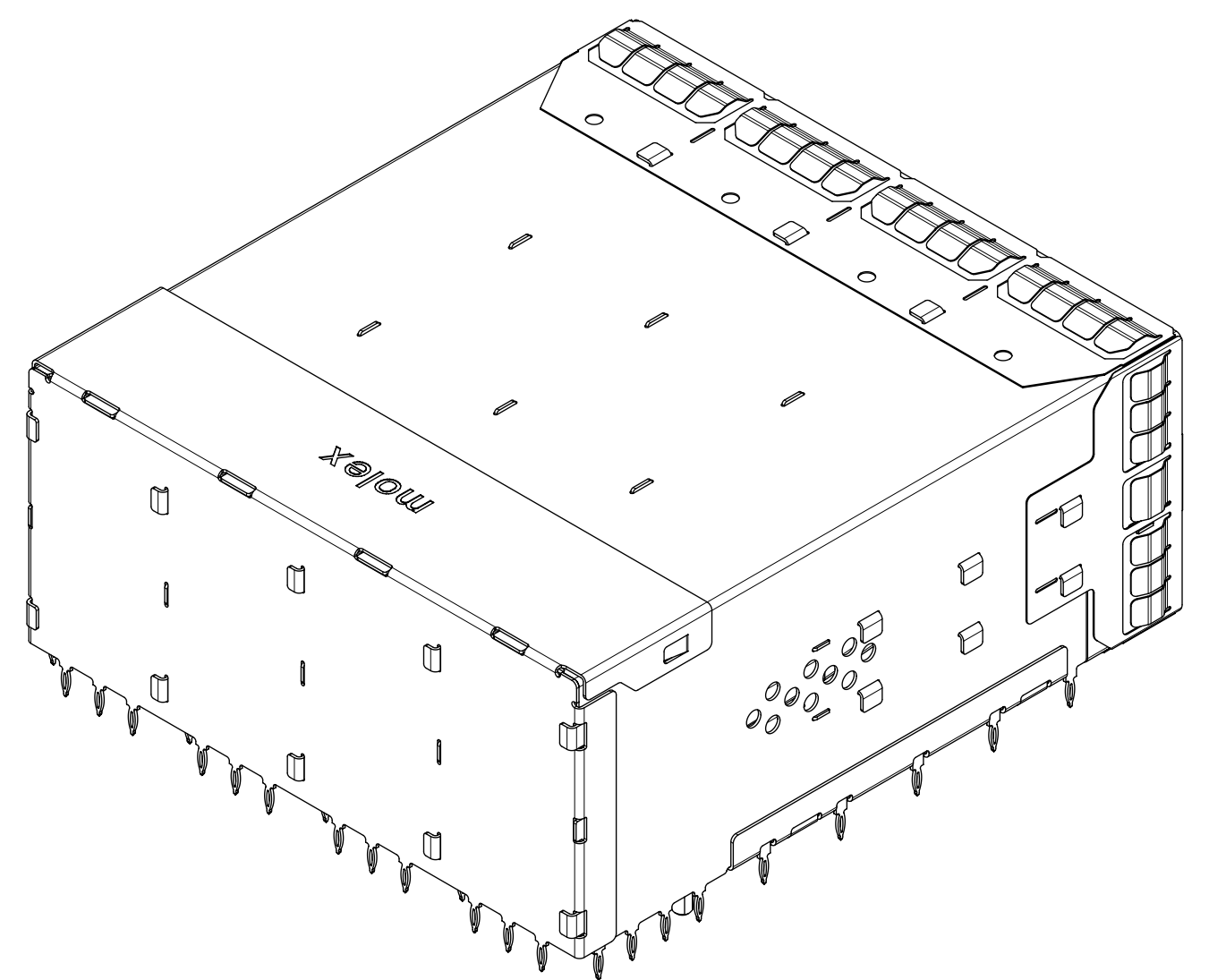
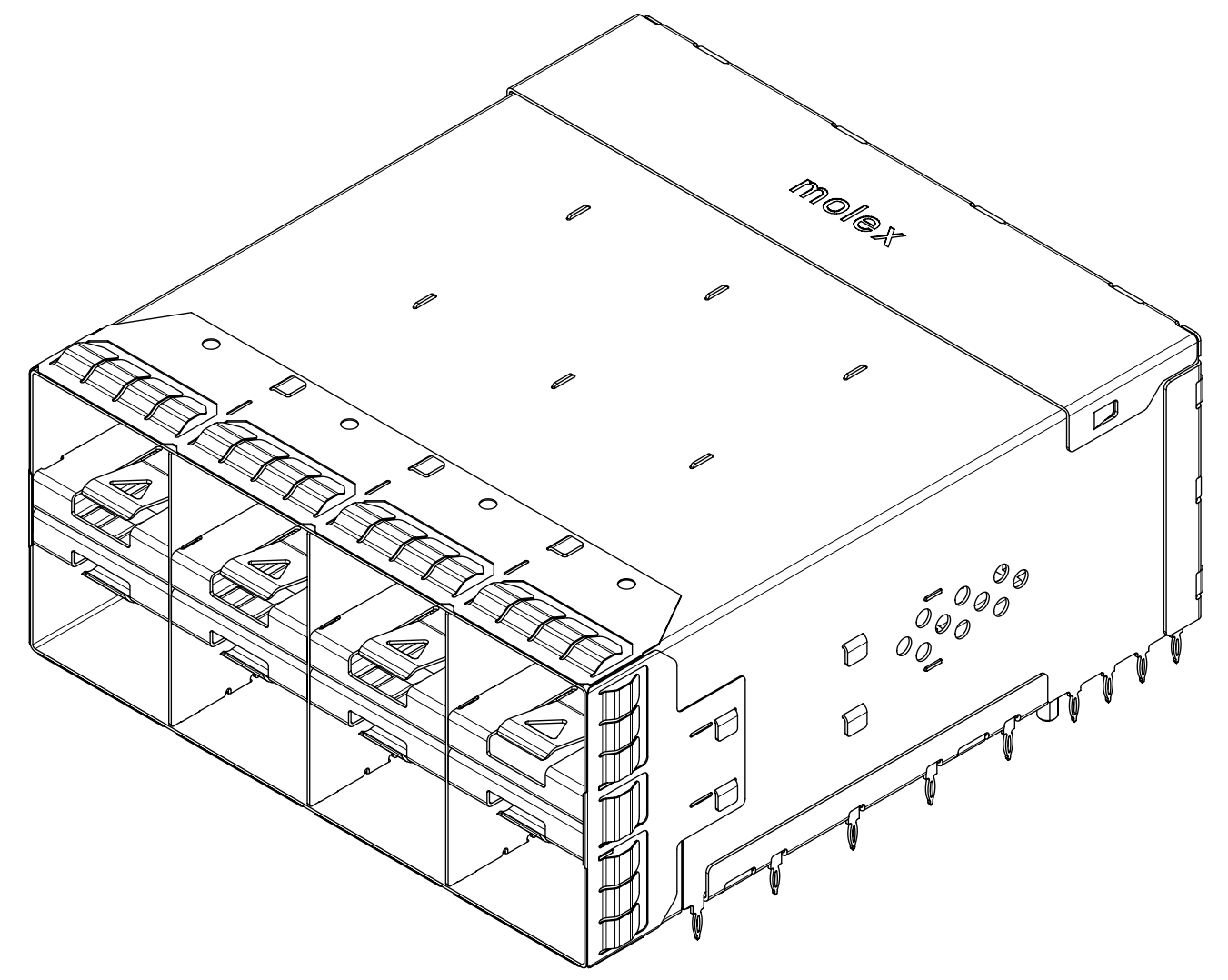
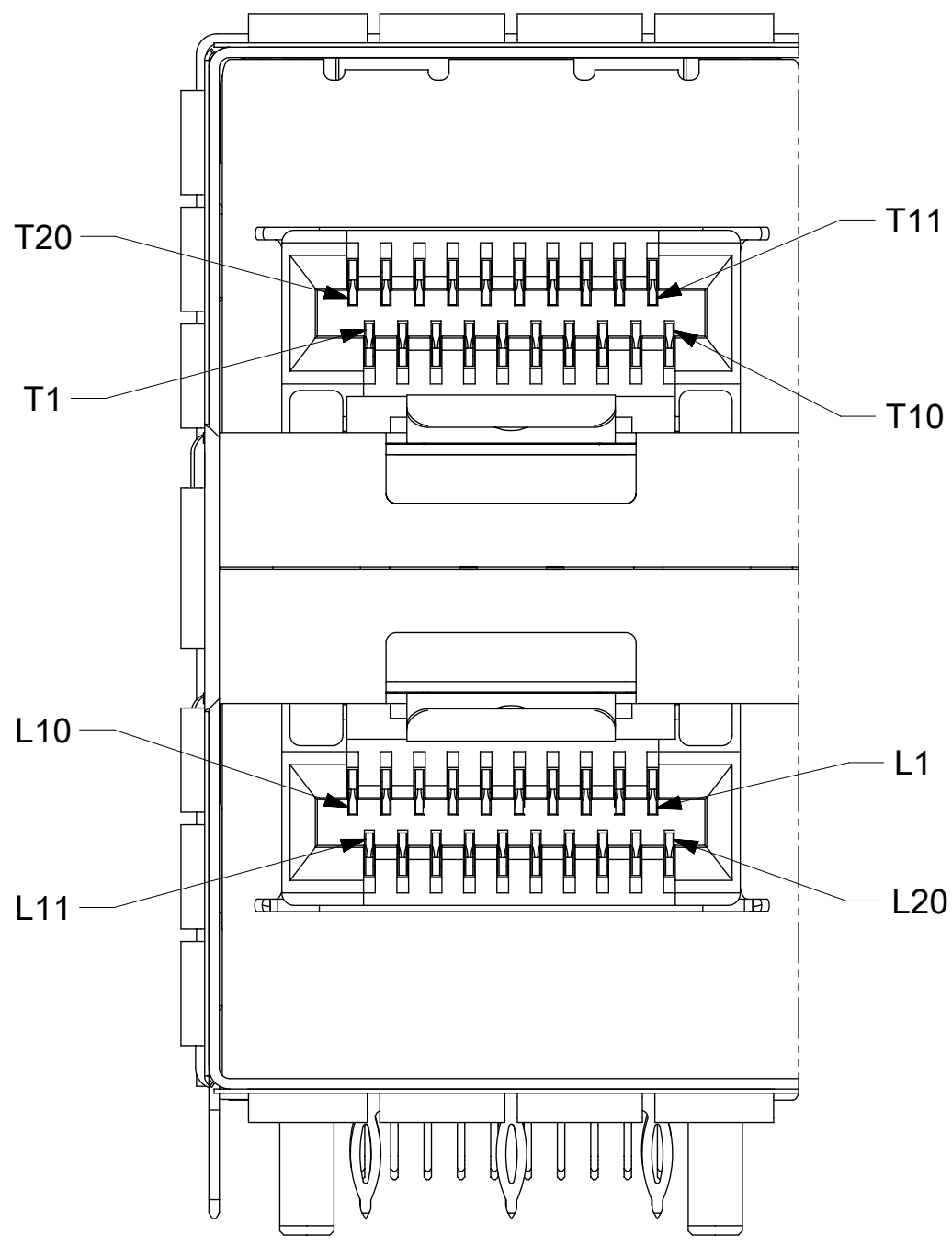
NOTES:

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
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.
8. DATE CODE FORMAT: YYDDDX  
 YY: LAST TWO DIGITS OF THE YEAR  
 DDD: DAY OF THE YEAR  
 X: MOLEX INTERNAL CONTROL



PORT SIZE	PART NUMBER	DIM X	DIM Y
2X1	1712241001	14.75	15.10
2X2	1712242001	29.00	29.35
2X4	1712244001	57.50	57.85
2X6	1712246001	86.00	86.35
2X8	1712248001	114.50	114.85
2X12	1712241201	171.50	171.85

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
▽ = 0	DIMENSION UNITS: MM	SCALE: 2:1	CURRENT REV DESC: SEE REVISION HISTORY		
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 623914	<b>ZSF+ STACKED ASSY</b> <b>METAL SPRING FINGER WITHOUT LIGHT PIPES</b>	
▽ = 0	ANGULAR TOL ± 0.5°		DRWN: CWANG67 2019/09/09		
▽ = 0	4 PLACES ±		CHK'D: CWANG67 2019/09/11	<b>PRODUCT CUSTOMER DRAWING</b>	
▽ = 0	3 PLACES ±		APPR: RNELSON 2019/09/17		
▽ = 0	2 PLACES ±		INITIAL REVISION:	DOCUMENT NUMBER: <b>SD-171224-0001</b>   DOC TYPE: PSD   DOC PART: 001   REVISION: F1	
▽ = 0	1 PLACE ± 0.25		DRWN: JKACHLIC 2012/01/10		
▽ = 0	0 PLACES ±		APPR: MBANAKIS 2012/01/13	MATERIAL NUMBER: SEE CHART   CUSTOMER: GENERAL MARKET   SHEET NUMBER: 1 OF 5	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		
▽ = 0			DRAWING: C-SIZE		
		SERIES: 171224			

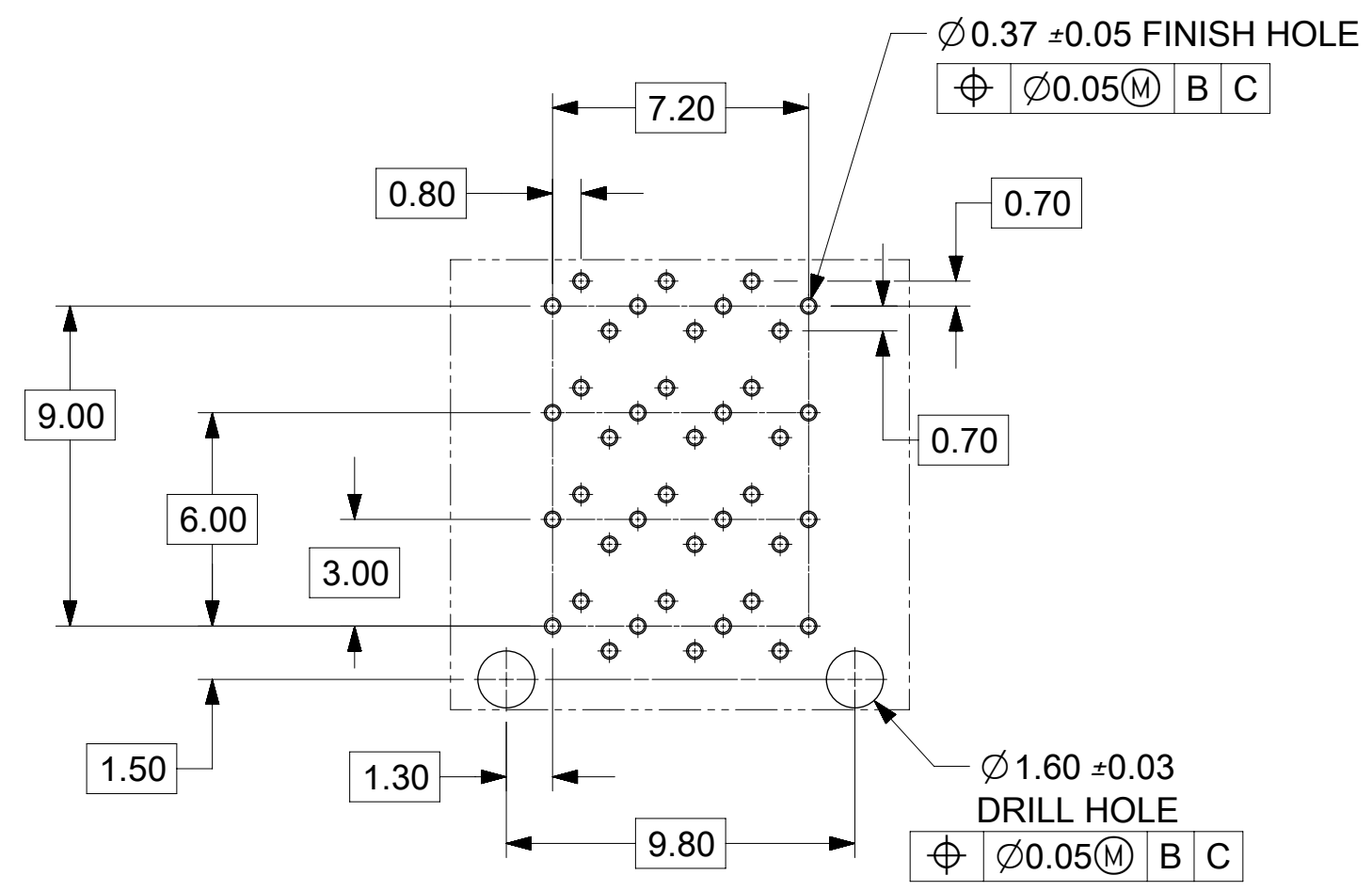
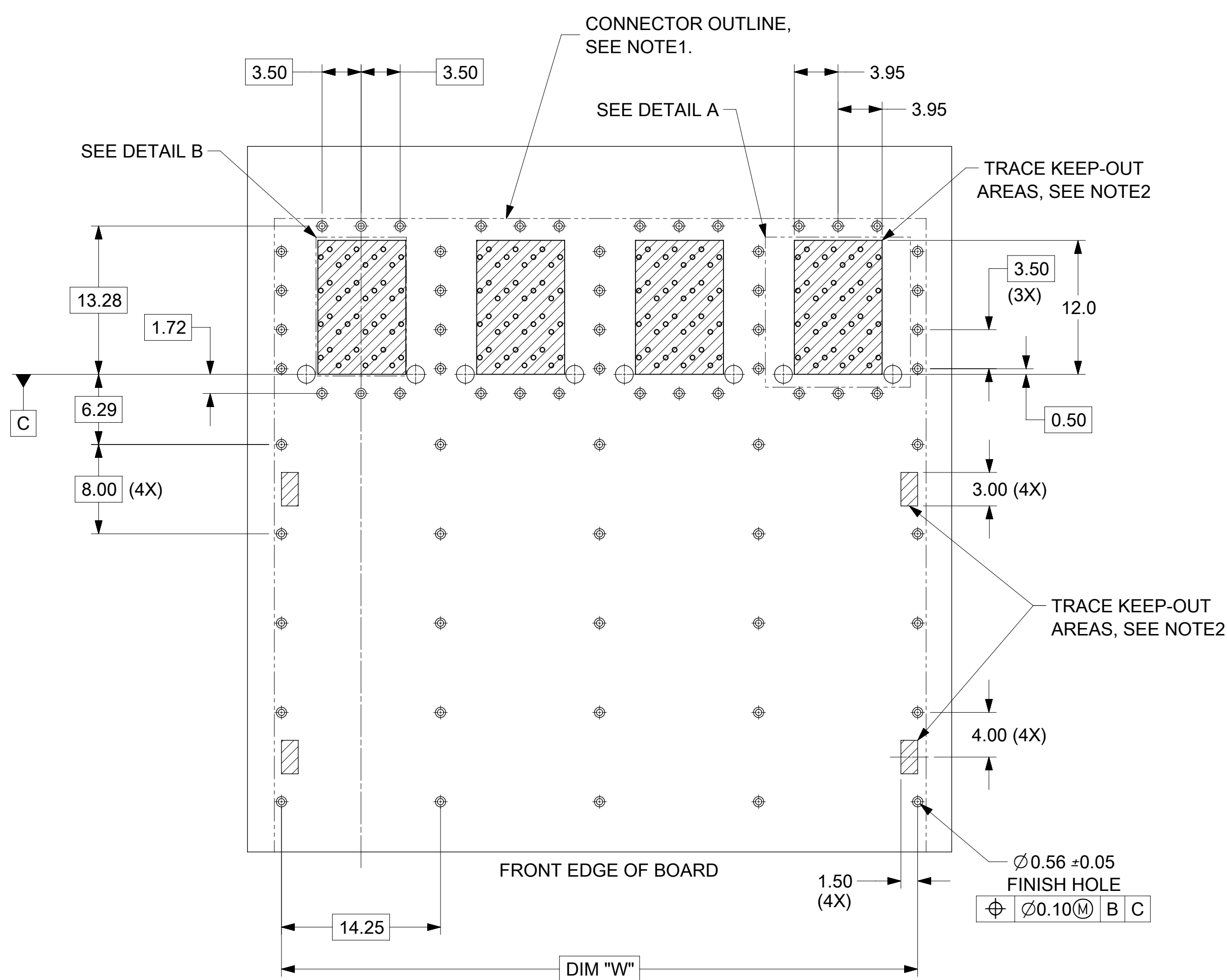


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
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▽ = 0	ANGULAR TOL ± 0.5°		CHK'D: CWANG67 2019/09/11							
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▽ = 0	3 PLACES ±		INITIAL REVISION:							
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▽ = 0	1 PLACE ± 0.25		APPR: MBANAKIS 2012/01/13							
▽ = 0	0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING SERIES		DOCUMENT NUMBER	
▽ = 0			C-SIZE		171224		SD-171224-0001		DOC TYPE DOC PART REVISION	
			SEE CHART		GENERAL MARKET		PSD 001 F1		SHEET NUMBER	
							2 OF 5			

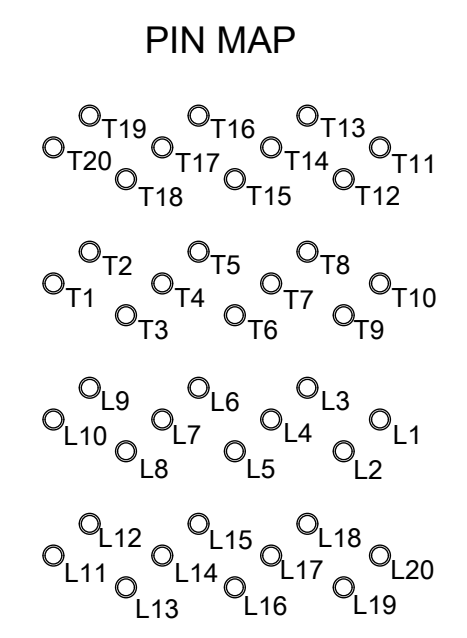
**molex**

ZSFP+ STACKED ASSY  
METAL SPRING FINGER WITHOUT LIGHT PIPES

PRODUCT CUSTOMER DRAWING



DETAIL A  
SCALE 5:1



DETAIL B  
SCALE 6:1

PORT SIZE	DIM "W"	HOLE CHART		
		CONNECTOR (Ø0.37)	SHIELD (Ø0.56)	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

- NOTES:
1. THE ENTIRE AREA UNDER THE CONNECTOR IS A KEEP OUT ZONE FOR COMPONENTS AND TRACES, TOP LAYER ONLY, EXCEPT FOR CHASSIS GROUND.
  2. CROSS-HATCHED AREAS INDICATE PLACES WHERE THE PLASTIC HOUSING AND METAL CAGE MAY CONTACT PCB SURFACE. THESE AREAS ARE KEEP OUT ZONES. CROSS-HATCHED AREA UNDER THE CONNECTOR ARE TRACE AND VIA KEEP OUT AREAS FOR THE TOP LAYER.

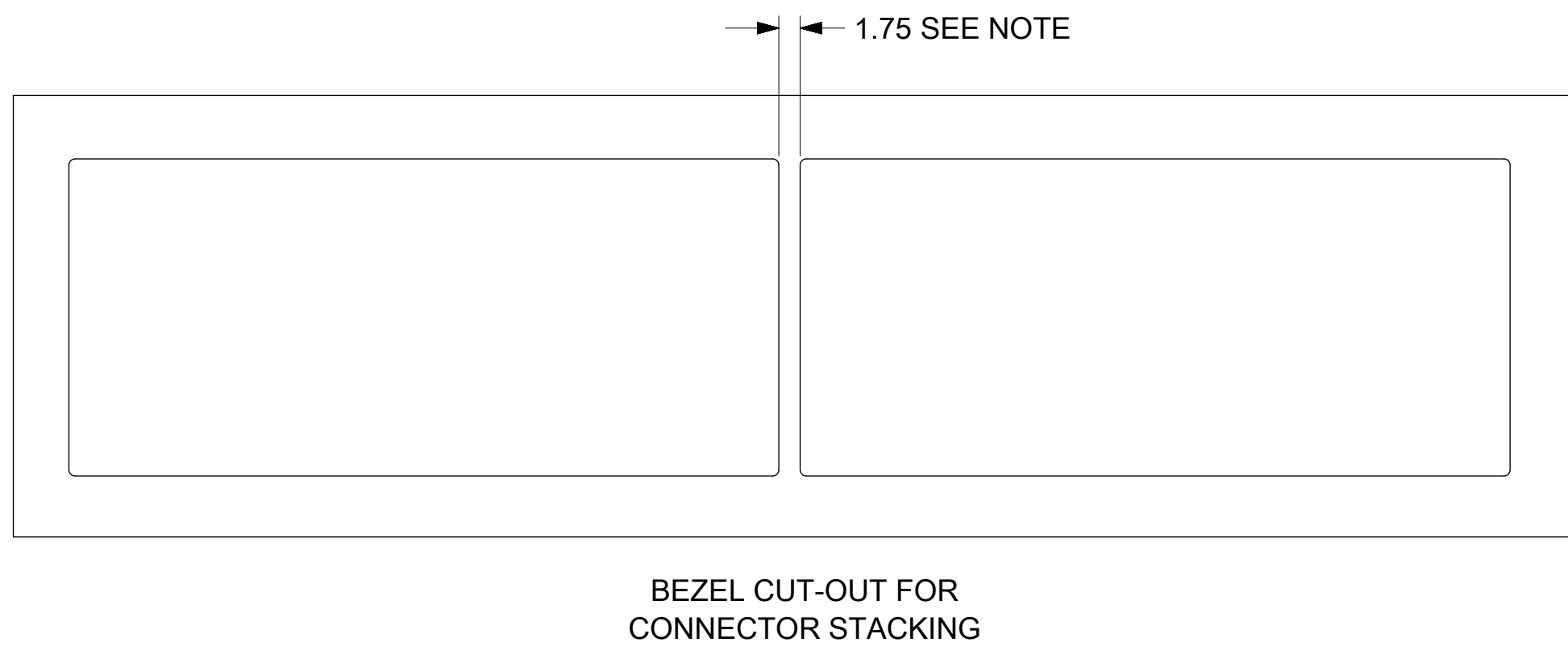
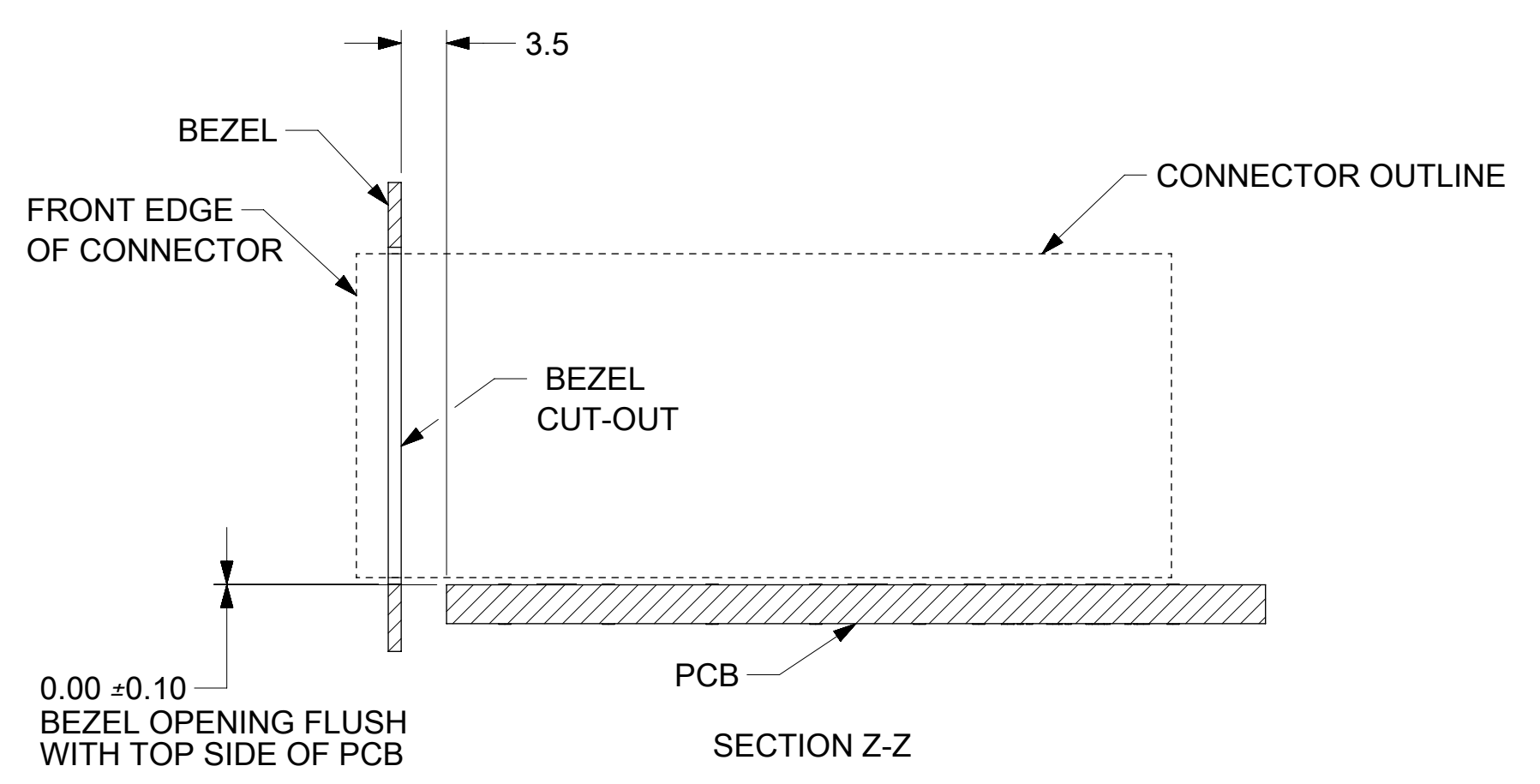
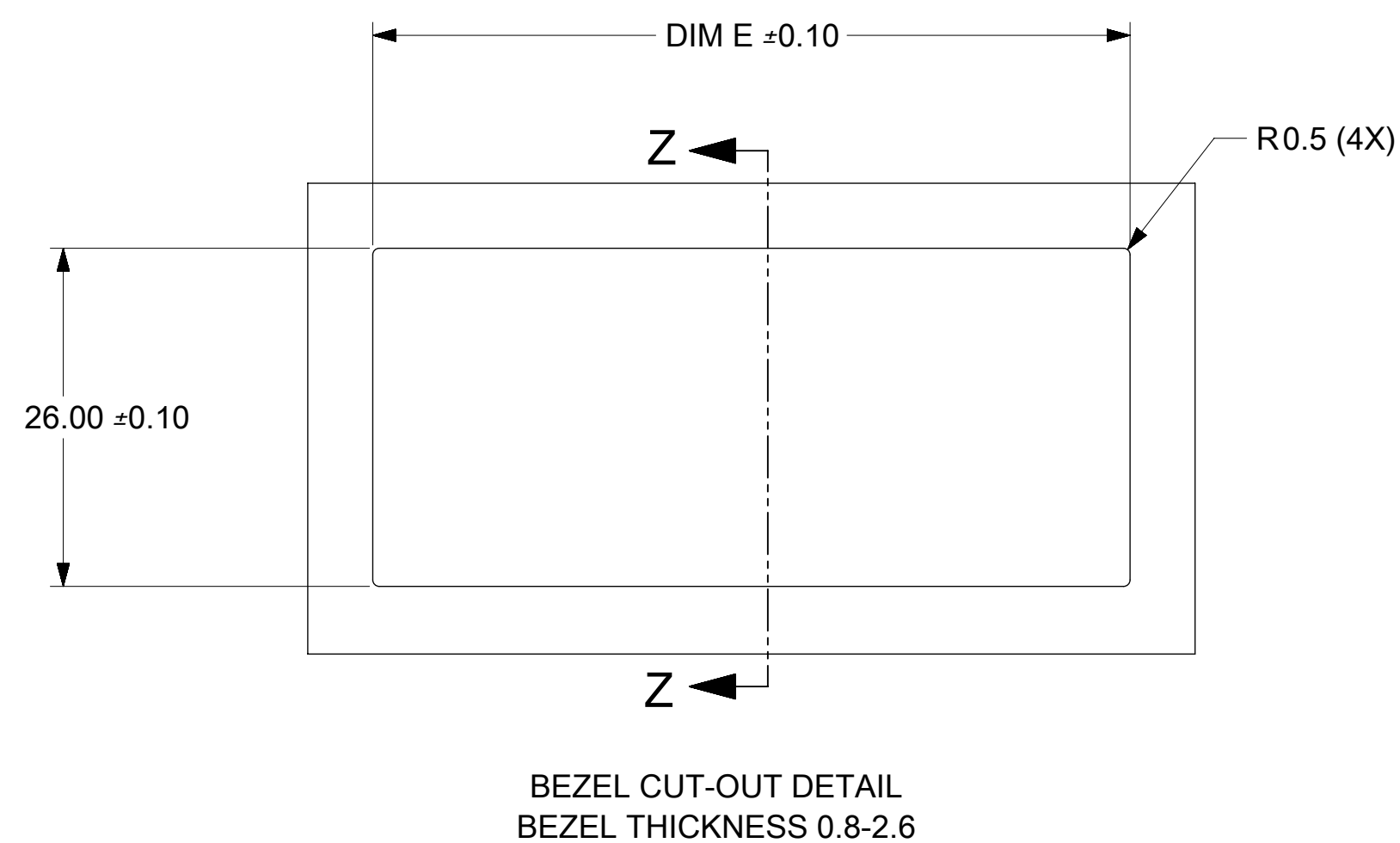
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
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▽ = 0	2 PLACES	±	DRWN: JKACHLIC	2012/01/10
▽ = 0	1 PLACE	± 0.25	APPR: MBANAKIS	2012/01/13
▽ = 0	0 PLACES	±	THIRD ANGLE PROJECTION	
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES
			C-SIZE	171224

ZSFP+ STACKED ASSY  
METAL SPRING FINGER WITHOUT LIGHT PIPES

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-171224-0001	PSD	001	F1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	3 OF 5












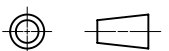
PORT SIZE	DIM "E"
2X1	15.50
2X2	29.75
2X4	58.25
2X6	86.75
2X8	115.25
2X12	172.25

NOTE:  
FOR SIDE BY SIDE STACKING OF CONNECTORS. A BASIC DIMENSION OF 3.0mm BETWEEN CONNECTOR MOUNTING PATTERNS IS THE RECOMMENDED MINIMUM SPACING.

SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
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▽ = 0			C-SIZE		171224		SEE CHART		GENERAL MARKET		4 OF 5					

H  
G  
F  
E  
D  
C  
B  
A

REVISION HISTORY		
DATE	REV.	DESCRIPTION
2019/09/09	F1	1.ADDED REVISION HISTORY. 2.CHG DATE CODE FORMAT IN SHEET1. 3.ADDED SIGNAL PIN TAIL LENGTH FOR SHORT. 4.ADDED NOTES IN SHEET3

<b>SYMBOLS</b>  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			<b>molex</b>  ZSFP+ STACKED ASSY METAL SPRING FINGER WITHOUT LIGHT PIPES  PRODUCT CUSTOMER DRAWING			
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	ANGULAR TOL ± 0.5°			DRWN: CWANG67	2019/09/09		
	4 PLACES ±			CHK'D: CWANG67	2019/09/11		
	3 PLACES ±			APPR: RNELSON	2019/09/17		
	2 PLACES ±			INITIAL REVISION:			
	1 PLACE ± 0.25			DRWN: JKACHLIC	2012/01/10		
	0 PLACES ±			APPR: MBANAKIS	2012/01/13		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	
				C-SIZE	171224	CUSTOMER	
					GENERAL MARKET	SHEET NUMBER	
						5 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17 08:00:47
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