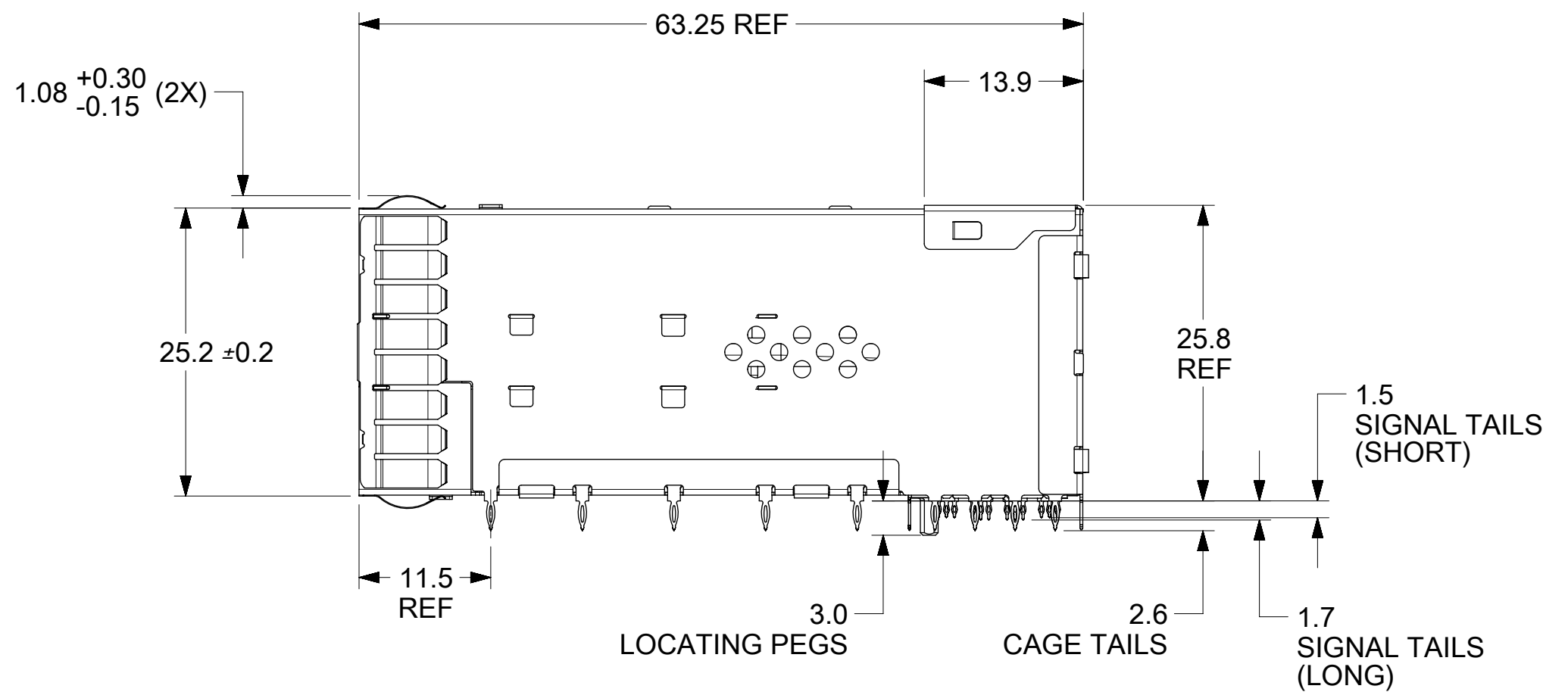


- NOTES:
- MATERIAL:
    - CAGE: NICKEL SILVER
    - CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK
    - LIGHT PIPES: POLYCARBONATE, 94 HB, COLOR: CLEAR
    - TERMINALS: HIGH PERFORMANCE COPPER ALLOY
    - FRONT SHIELD WALL: COPPER ALLOY
    - LIGHT PIPE HOUSING: ZINC ALLOY
  - FINISH
    - TERMINALS: CONTACT AREA: 0.76  $\mu$ m MIN. HARD GOLD OVER  
3.8  $\mu$ m MIN. NICKEL.
    - COMPLIANT TAIL: 0.7-1.5  $\mu$ m MATTE TIN OVER:  
0.7-1.5  $\mu$ m NICKEL
    - FRONT SHIELD WALL: 0.7-1.5  $\mu$ m NICKEL OVERALL
    - LIGHT PIPE HOUSING: 2.0  $\mu$ m NICKEL OVER 0.7  $\mu$ m COPPER
  - 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 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.
  - DATE CODE FORMAT: YYDDDX.  
YY-LAST TWO DIGITS OF YEAR.  
DDD-DAY OF THE YEAR.  
X-MOLEX INTERNAL CONTROL.

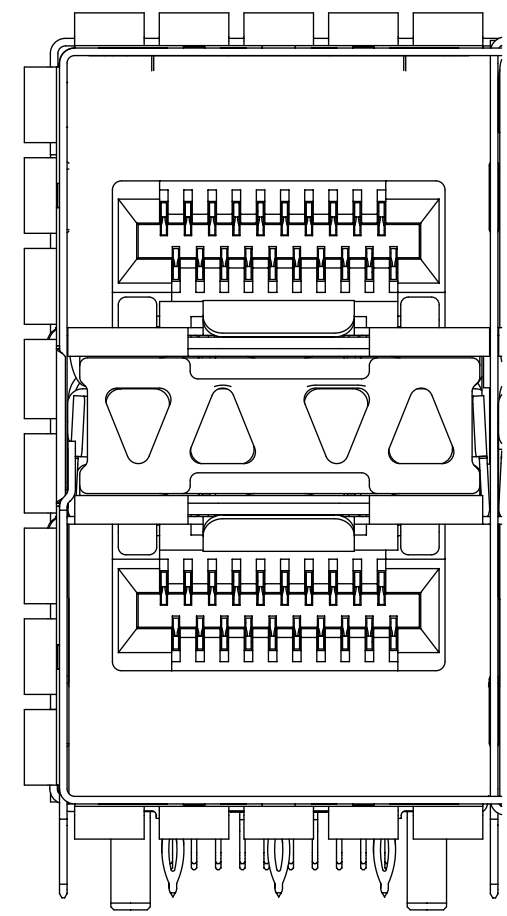
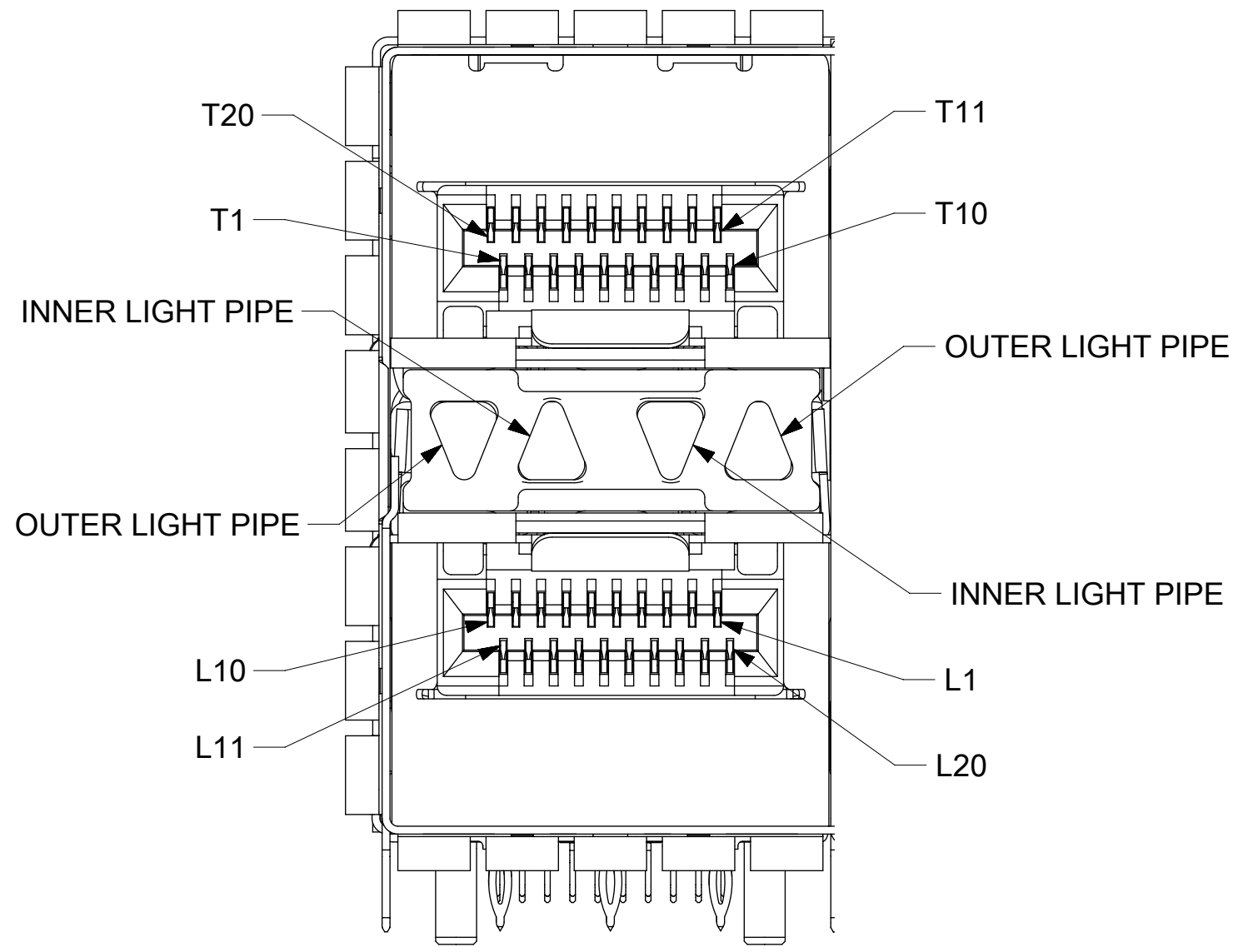


PORT SIZE	PART NUMBER	DIM X	DIM Y
2X1	17122413**	14.75	15.10
2X2	17122423**	29.00	29.35
2X4	17122443**	57.50	57.85
2X6	17122463**	86.00	86.35
2X8	17122483**	114.50	114.85
2X10	17122414**	143.00	143.35
2X12	17122415**	171.50	171.85

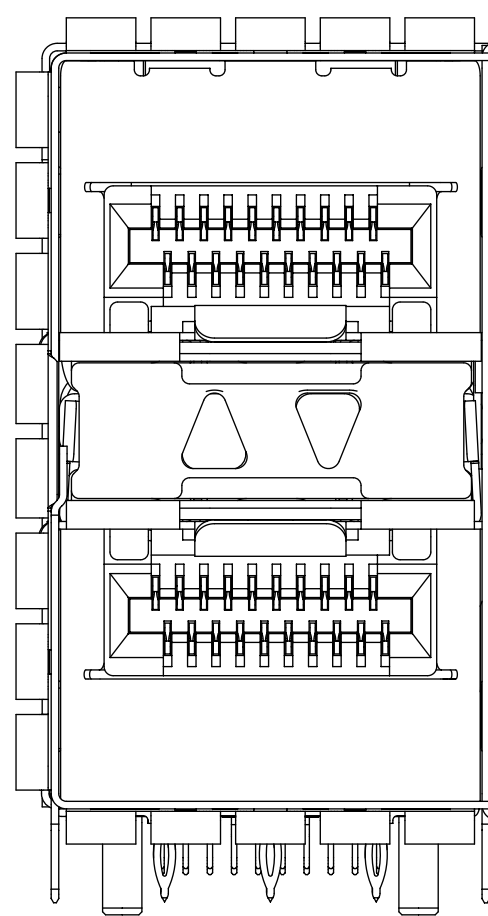
\*\*-DESIGNATES LIGHT PIPE CONFIGURATIONS, SEE SHEET 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

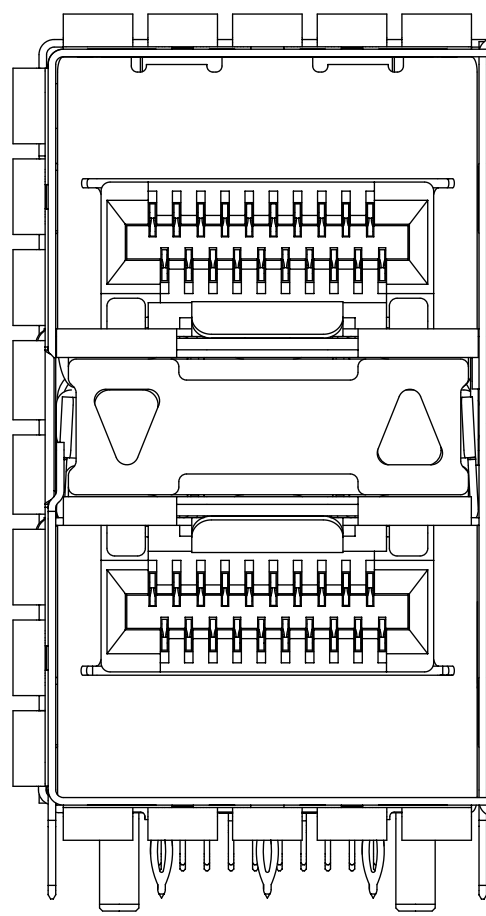
DIMENSION UNITS <b>MM</b>	SCALE <b>2:1</b>	CURRENT REV DESC: SEE REVISION HISTORY				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624150				
ANGULAR TOL $\pm 0.5^\circ$		4 PLACES $\pm$	DRWN: CWANG67	2019/09/12	PRODUCT CUSTOMER DRAWING	
		3 PLACES $\pm$	CHK'D: CWANG67	2019/09/17	DOCUMENT NUMBER	
		2 PLACES $\pm 0.13$	APPR: RNELSON	2019/09/26	SD-171224-0300	
		1 PLACE $\pm 0.25$	INITIAL REVISION:		DOC TYPE	DOC PART
		0 PLACES $\pm$	DRWN: SHONG	2017/04/09	PSD	001
			APPR: SHONG	2017/07/28		A1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
			C-SIZE	171224	SEE CHART	GENERAL MARKET
						SHEET NUMBER
						1 OF 5



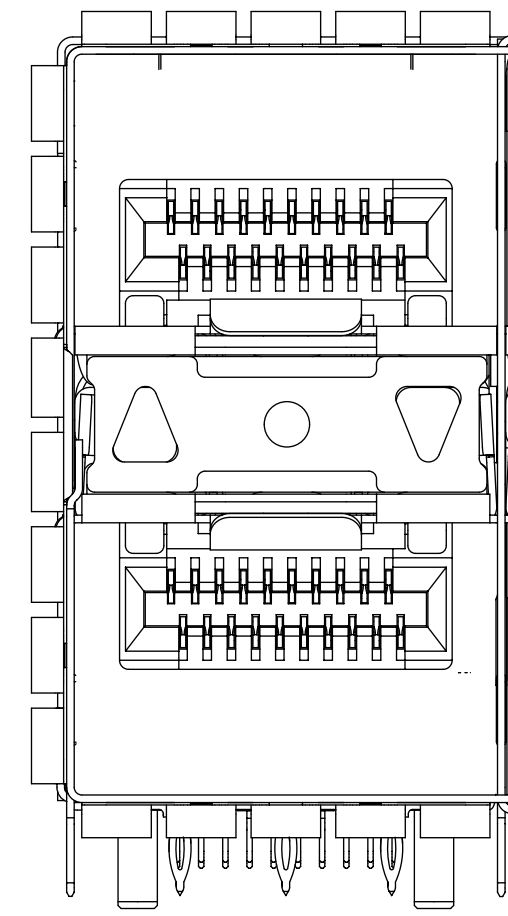
4 LIGHT PIPE  
171224-\*\*11



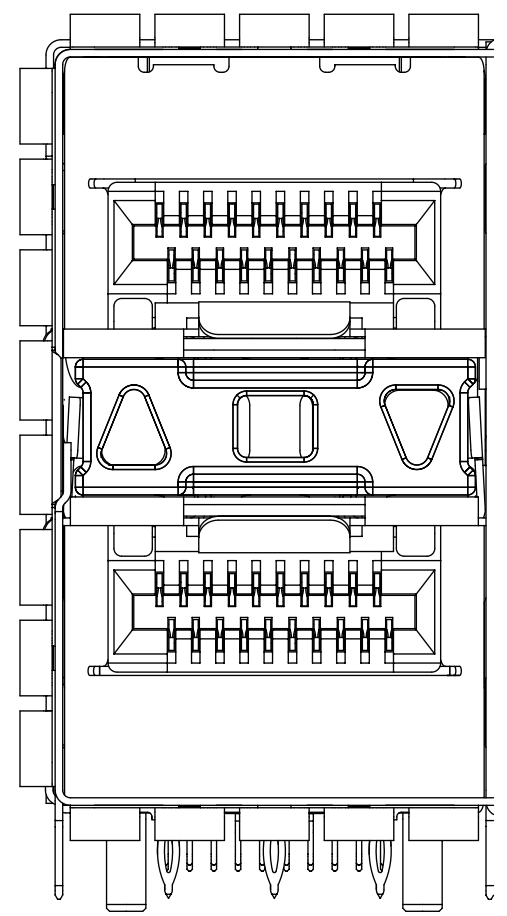
INNER LIGHT PIPE  
171224-\*\*12



OUTER LIGHT PIPE  
DOWN / UP  
171224-\*\*13



OUTER LIGHT PIPE  
UP / DOWN  
171224-\*\*14



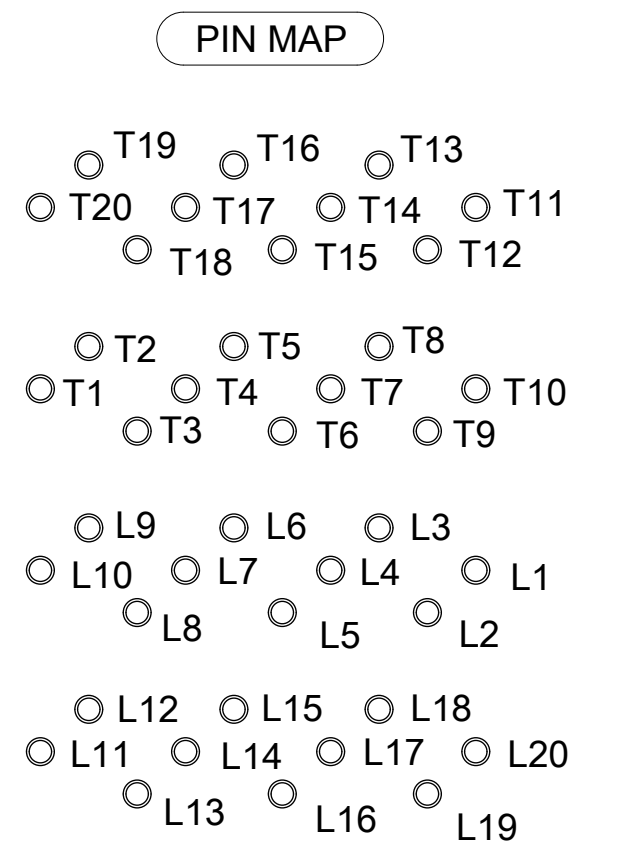
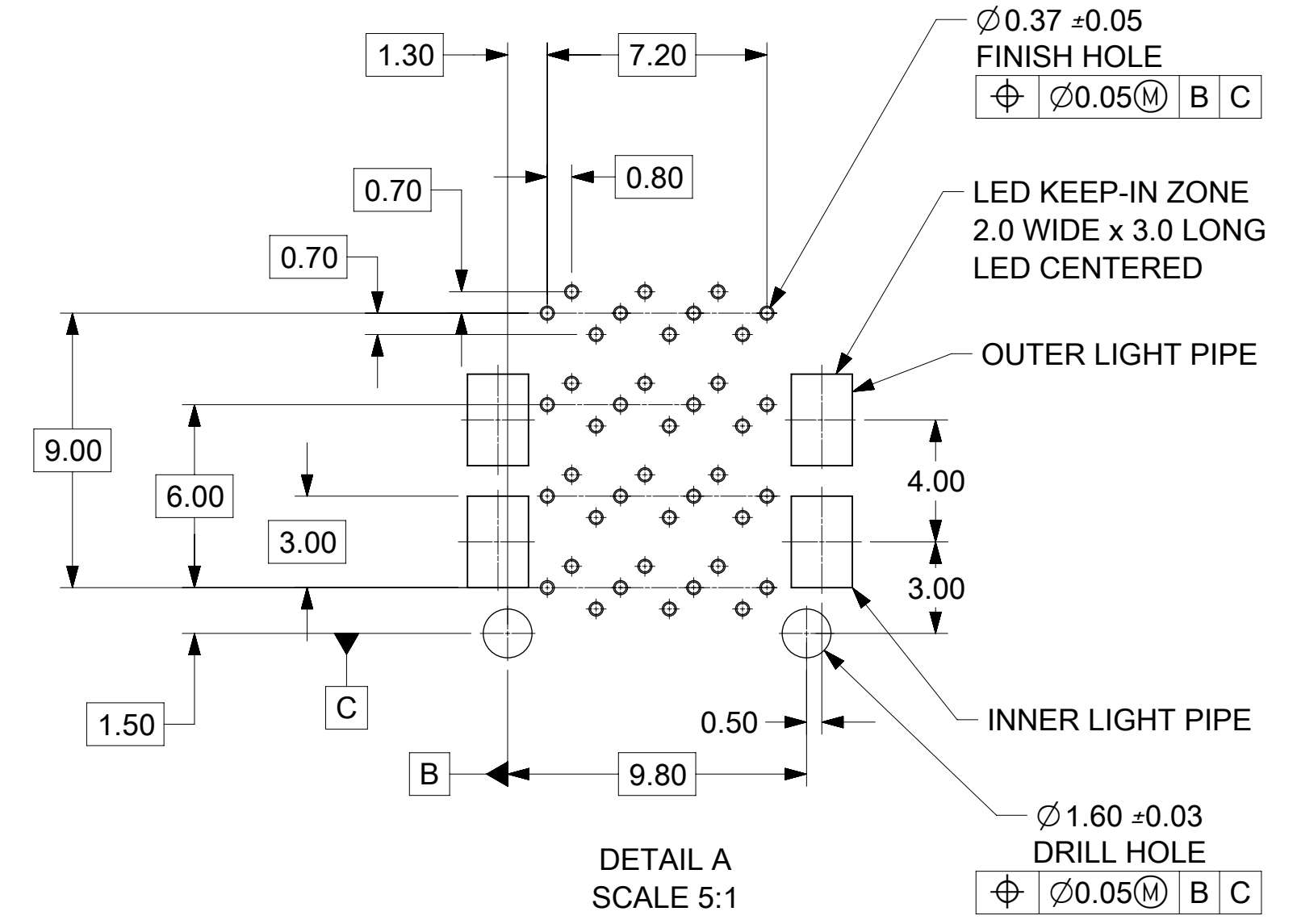
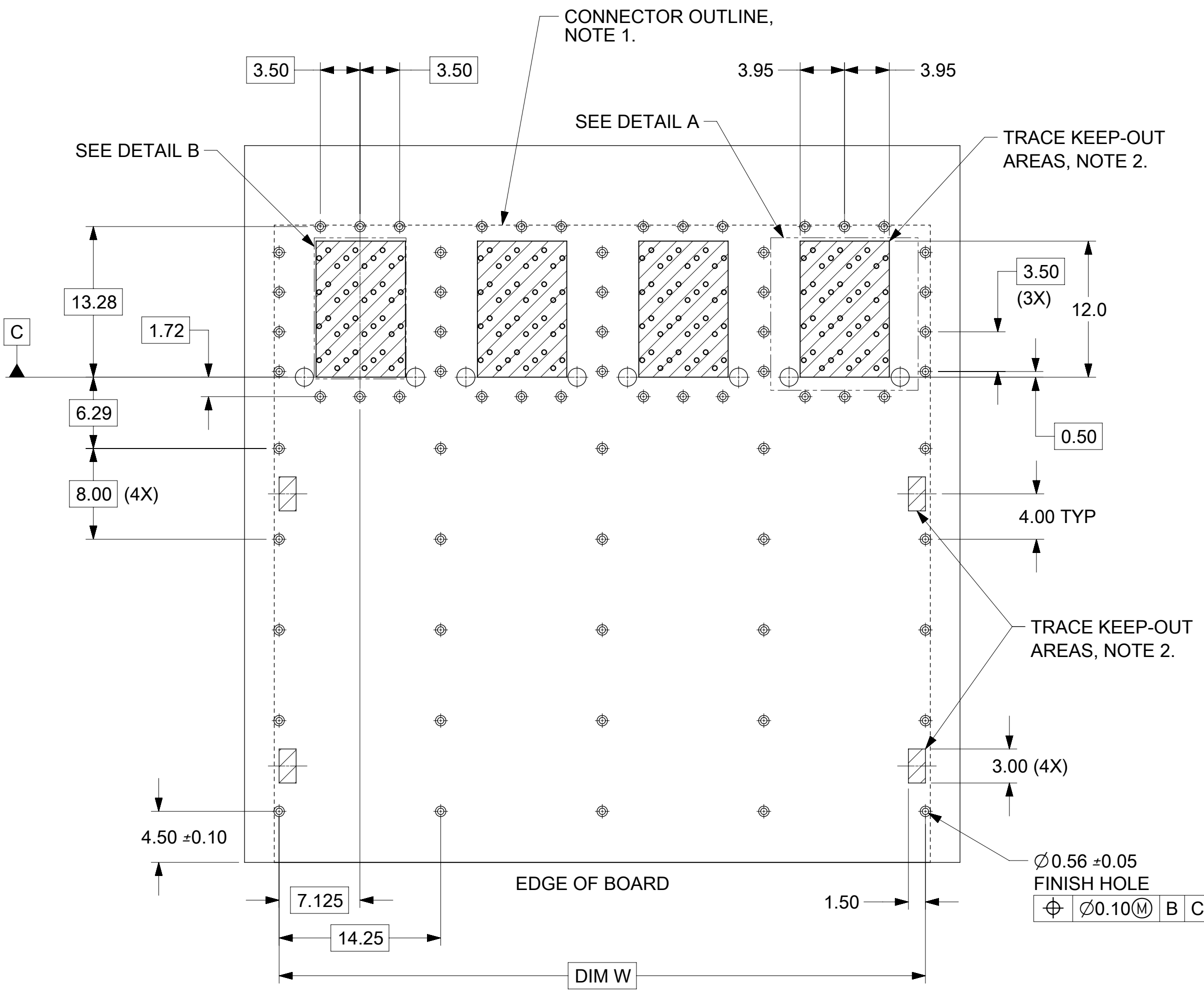
3 LIGHT PIPE  
UP / MIDDLE / DOWN  
171224-\*\*15

PART NUMBER	DESCRIPTION
171224-**11	4 LIGHT PIPES
171224-**12	INNER 2 PORTS
171224-**13	OUTER 2 PORTS DOWN / UP
171224-**14	OUTER 2 PORTS UP / DOWN
171224-**15	3 LIGHT PIPES

\*\* - DESIGNATES PORT SIZE

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DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION HISTORY				
MM	3:1	EC NO: 624150				
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: CWANG67 2019/09/12		ZSFP+ STACKED ASSY WITH ARC SPRING FINGER WITH LIGHT PIPE		
ANGULAR TOL	± 0.5°	CHK'D: CWANG67 2019/09/17		PRODUCT CUSTOMER DRAWING		
4 PLACES	±	APPR: RNELSON 2019/09/26		DOCUMENT NUMBER		
3 PLACES	±	INITIAL REVISION:		SD-171224-0300		
2 PLACES	± 0.13	DRWN: SHONG 2017/04/09		DOC TYPE DOC PART REVISION		
1 PLACE	± 0.25	APPR: SHONG 2017/07/28		PSD 001 A1		
0 PLACES	±	THIRD ANGLE PROJECTION		MATERIAL NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SERIES		CUSTOMER		
		C-SIZE 171224		GENERAL MARKET		
				SHEET NUMBER		
				2 OF 5		



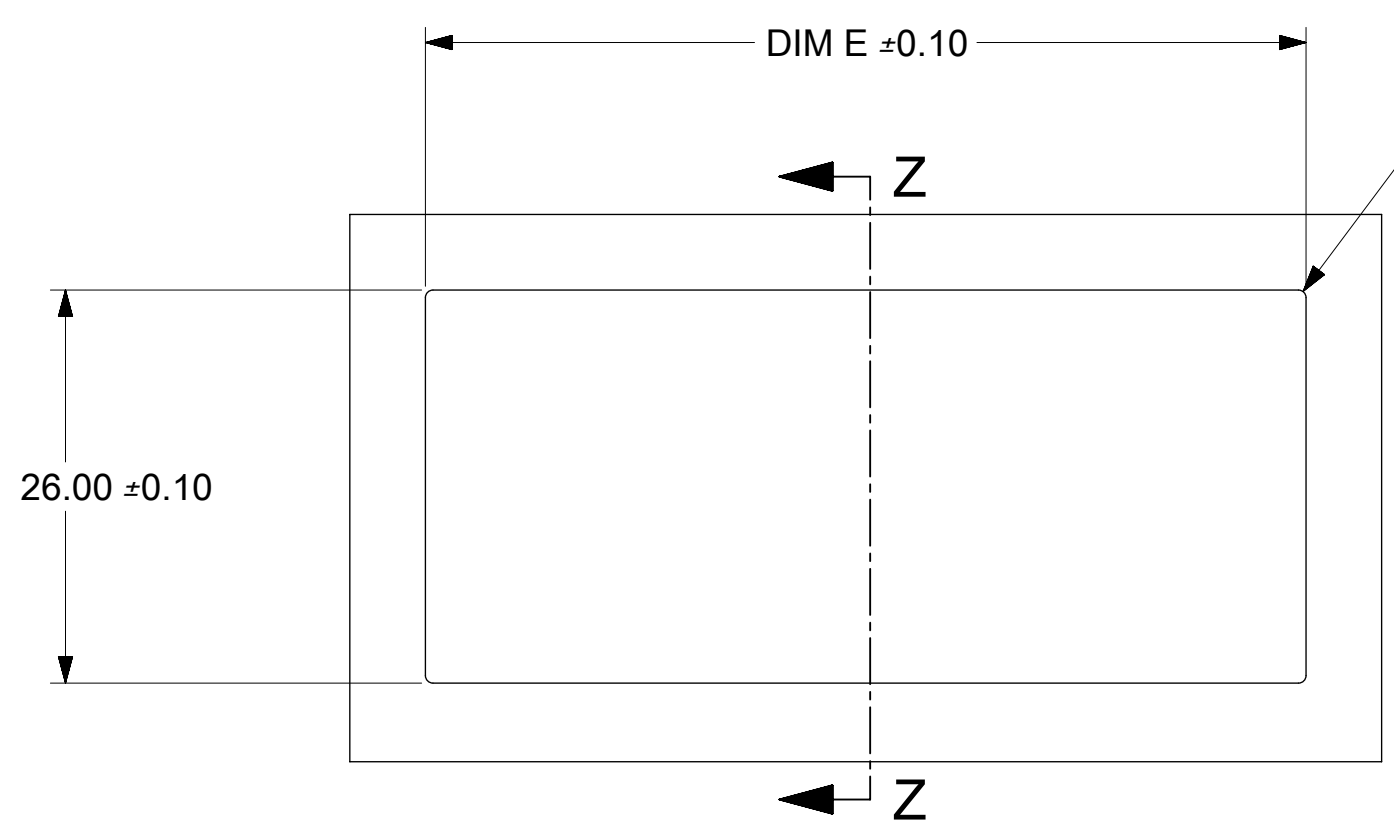
PORT SIZE	DIM "W"	HOLE CHART		
		CONNECTOR (Ø0.37)	SHIELD (Ø0.56)	LOCATION (Ø1.60)
2X1	14.25	40	24	2
2X2	28.50	80	39	4
2X4	57.00	160	69	8
2X6	85.50	240	99	12
2X8	114.00	320	129	16
2X10	142.50	400	159	20
2X12	171.00	480	189	24

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.

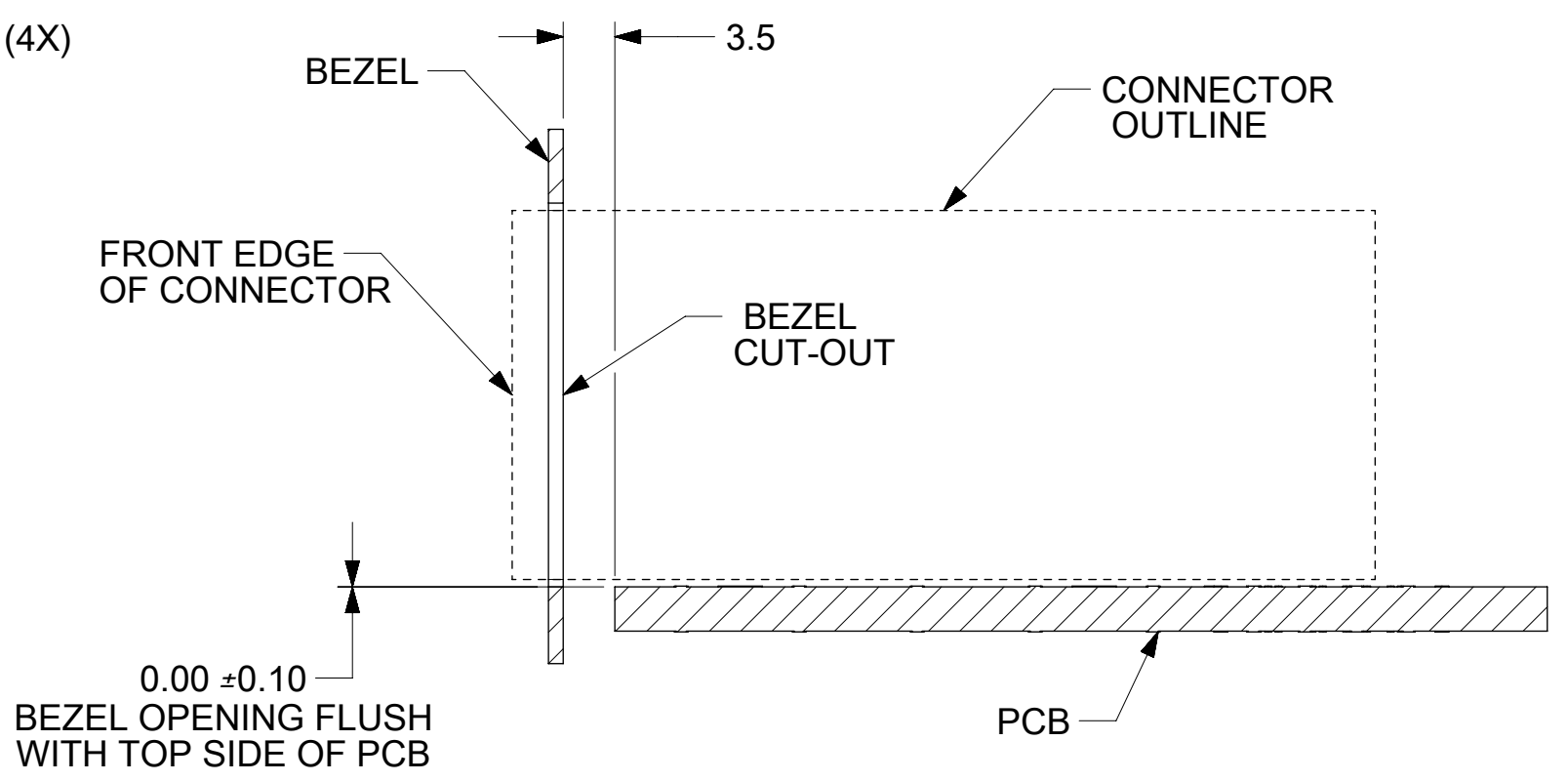
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DIMENSION UNITS <b>MM</b>	SCALE <b>3:1</b>	CURRENT REV DESC: SEE REVISION HISTORY	<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 0.5°	EC NO: 624150				ZSF+ STACKED ASSY WITH ARC SPRING FINGER WITH LIGHT PIPE
4 PLACES ±	3 PLACES ±	DRWN: CWANG67 2019/09/12	PRODUCT CUSTOMER DRAWING			
2 PLACES ± 0.13	1 PLACE ± 0.25	CHK'D: CWANG67 2019/09/17	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPR: RNELSON 2019/09/26	<b>SD-171224-0300</b>	PSD	001	<b>A1</b>
THIRD ANGLE PROJECTION	DRAWING	INITIAL REVISION:	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
	<b>C-SIZE</b>	DRWN: SHONG 2017/04/09	SEE CHART	GENERAL MARKET	3 OF 5	
		APPR: SHONG 2017/07/28				
		SERIES				
		<b>171224</b>				

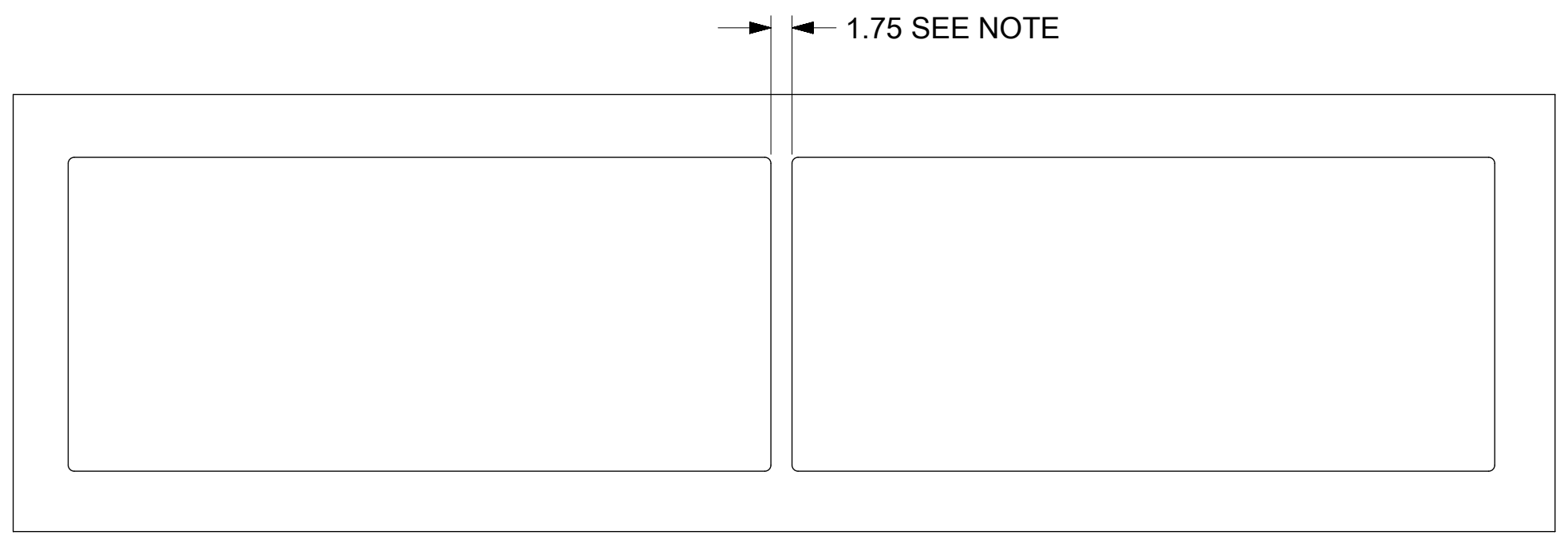


BEZEL CUT-OUT DETAIL  
BEZEL THICKNESS 0.8-2.6

R0.50 ±0.10 (4X)



SECTION Z-Z



BEZEL CUT-OUT FOR  
CONNECTOR STACKING

PORT SIZE	DIM "E"
2X1	15.50
2X2	29.75
2X4	58.25
2X6	86.75
2X8	115.25
2X10	143.75
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.

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DIMENSION UNITS <b>MM</b>	SCALE <b>2:1</b>	CURRENT REV DESC: SEE REVISION HISTORY						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624150						ZSF+ STACKED ASSY WITH ARC SPRING FINGER WITH LIGHT PIPE
ANGULAR TOL ± 0.5°		4 PLACES ±	DRWN: CWANG67	2019/09/12	PRODUCT CUSTOMER DRAWING			
3 PLACES ±		3 PLACES ±	CHK'D: CWANG67	2019/09/17	DOCUMENT NUMBER			
2 PLACES ± 0.13		2 PLACES ±	APPR: RNELSON	2019/09/26	SD-171224-0300			
1 PLACE ± 0.25		1 PLACE ±	INITIAL REVISION:		DOC TYPE	DOC PART	REVISION	
0 PLACES ±		0 PLACES ±	DRWN: SHONG	2017/04/09	PSD	001	A1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				C-SIZE	171224	SEE CHART	GENERAL MARKET	4 OF 5

H  
G  
F  
E  
D  
C  
B  
A

H  
G  
F  
E  
D  
C  
B  
A

REVISION HISTORY		
DATE	REV.	DESCRIPTION
2019/09/17	A1	1.ADDED REVISION HISTORY 2.ADDED DIM OF SHORT SIGNAL TAIL, SHEET1. 3.ADDED NOTE8 FOR DATE CODE, SHEET1.
		4.ADDED NOTES FOR KEEP-OUT ZONE, SHEET3.

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DIMENSION UNITS <b>mm</b>	SCALE <b>1:1</b>	CURRENT REV DESC: SEE REVISION HISTORY	<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL ± 0.5°		EC NO: 624150	ZSFP+ STACKED ASSY WITH ARC SPRING FINGER WITH LIGHT PIPE			
4 PLACES ±		DRWN: CWANG67 2019/09/12	PRODUCT CUSTOMER DRAWING			
3 PLACES ±		CHK'D: CWANG67 2019/09/17	DOCUMENT NUMBER			
2 PLACES ± 0.13		APPR: RNELSON 2019/09/26	SD-171224-0300			
1 PLACE ± 0.25		INITIAL REVISION:	DOC TYPE	DOC PART	REVISION	
0 PLACES ±		DRWN: SHONG 2017/04/09	PSD	001	A1	
		APPR: DTAN10 2017/06/29	SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING <b>C-SIZE</b>	SERIES <b>171224</b>	MATERIAL NUMBER	CUSTOMER <b>GENERAL MARKET</b>	
					<b>5 OF 5</b>	

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/26 02:10:16
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