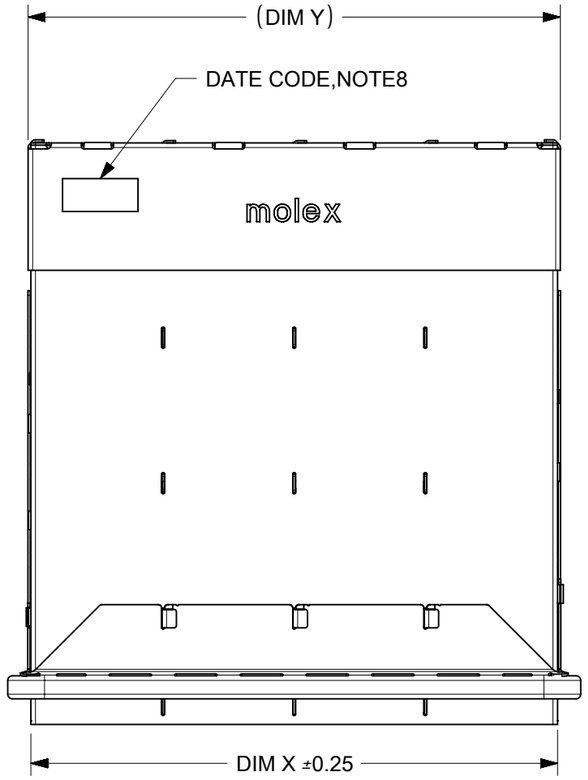
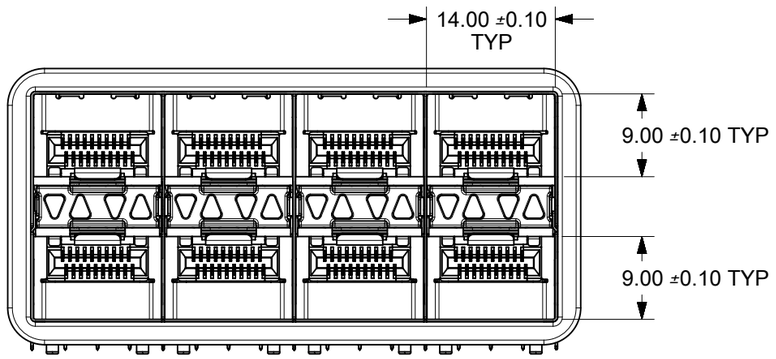
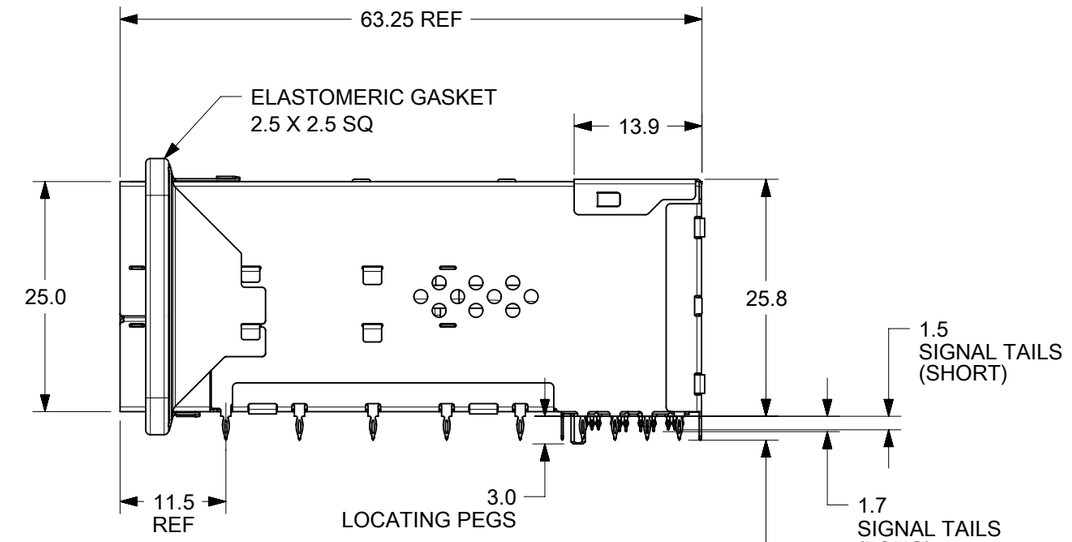
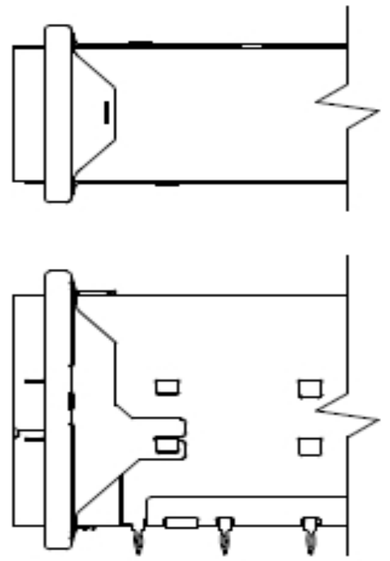


NOTES:
1. MATERIAL:
   CAGE: NICKEL SILVER
   CONNECTOR HOUSING: GLASS FILLED THERMOPLASTIC, UL: 94V-0, COLOR: BLACK
   LIGHT PIPES: POLYCARBONATE, 94 HB, COLOR: CLEAR (WEIGHT OF INDIVIDUAL LIGHT PIPE LESS THAN 1 GRAM)
   TERMINALS: HIGH PERFORMANCE COPPER ALLOY
   FRONT SHIELD WALL: COPPER ALLOY
   LIGHT PIPE HOUSING: ZINC ALLOY
   ELASTOMERIC GASKET: SILVER IMPREGNATED SILICONE
2. FINISH
   TERMINALS: CONTACT AREA: 0.76 µm MIN. HARD GOLD OVER 3.8 µm MIN. NICKEL.
   3.8µm 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
   LIGHT PIPE HOUSING: 2.0 µm NICKEL OVER 0.7 µm 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 ISCLASS "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







170071-101*
APPEARANCE

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
2X8	170071121*	171.25	171.85

* DESIGNATES LIGHT PIPE CONFIGURATIONS, SEE SHEET 2.

170071-40** SHOWN FOR REFERENCE
APPEARANCE MAY VARY WITH SIZE

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION HISTORY

EC NO: 623968

DRWN:	JWALLACE01	2019/02/12
CHK'D:	CWANG67	2019/09/12
APPR:	RNELSON	2019/09/17

INITIAL REVISION:

DRWN:	DTAN10	2018/03/01
APPR:	SHONG	2018/03/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 170071

molex

ZSFP+ STACKED ASSY
W/ ELASTOMERIC GASKET

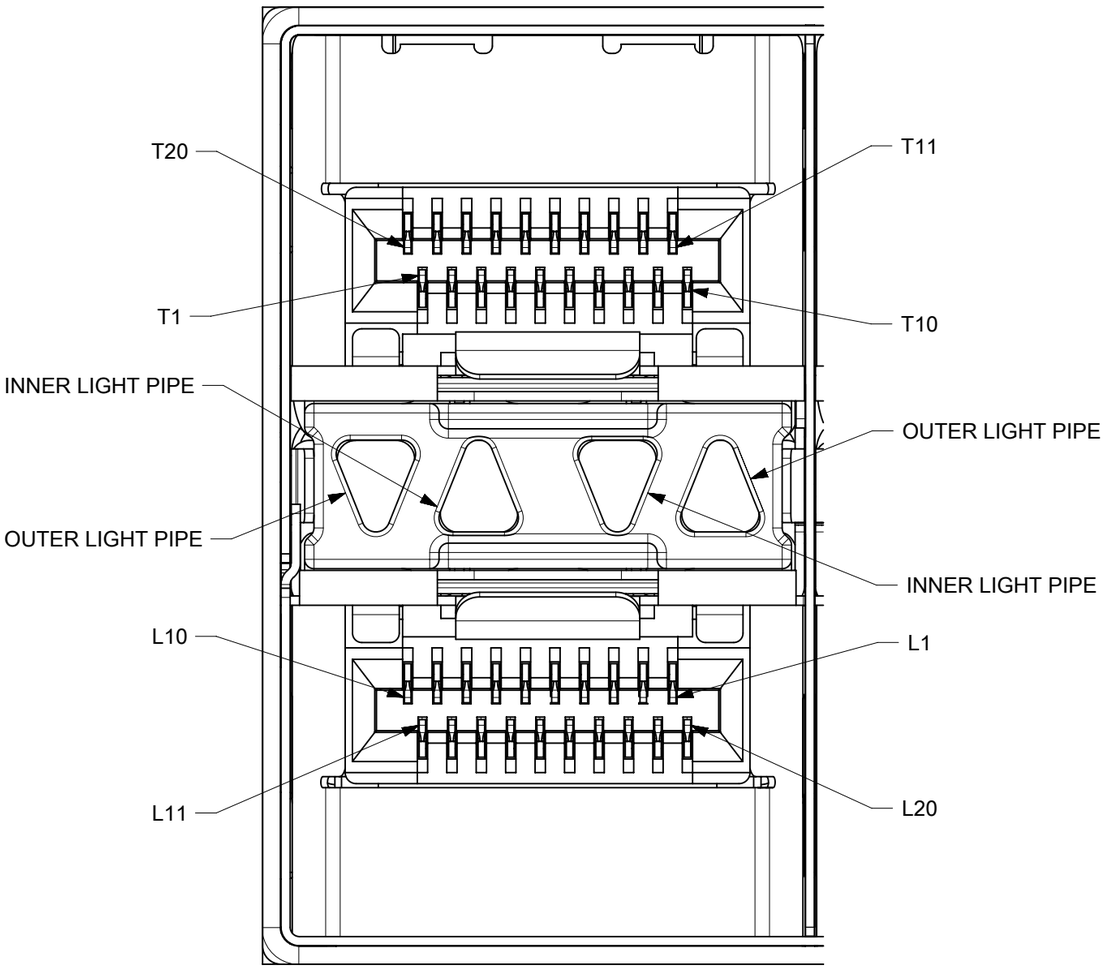
PRODUCT CUSTOMER DRAWING

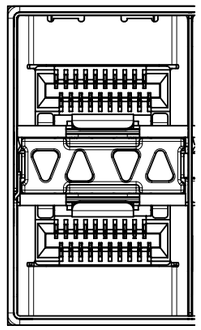
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1700710002	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 5

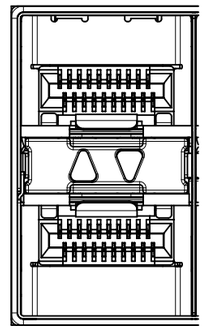
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FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

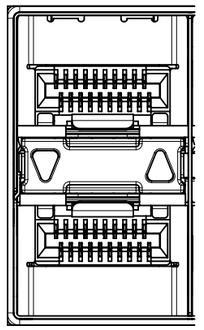




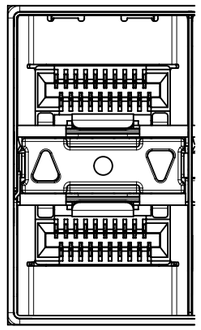
4 LIGHT PIPES
170071-**11



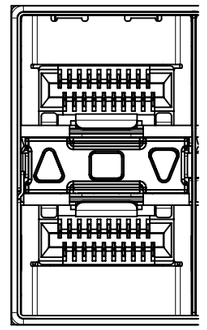
INNER 2 LIGHT PIPES
170071-**12



OUTER 2 LIGHT PIPES
DOWN / UP
170071-**13



OUTER 2 LIGHT PIPES
UP / DOWN
170071-**14



3 LIGHT PIPES
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

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION HISTORY

EC NO: 623968
DRWN: JWALLACE01 2019/02/12
CHK'D: CWANG67 2019/09/12
APPR: RNELSON 2019/09/17

INITIAL REVISION:
DRWN: DTAN10 2018/03/01
APPR: SHONG 2018/03/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 170071

molex

ZSFP+ STACKED ASSY
W/ ELASTOMERIC GASKET

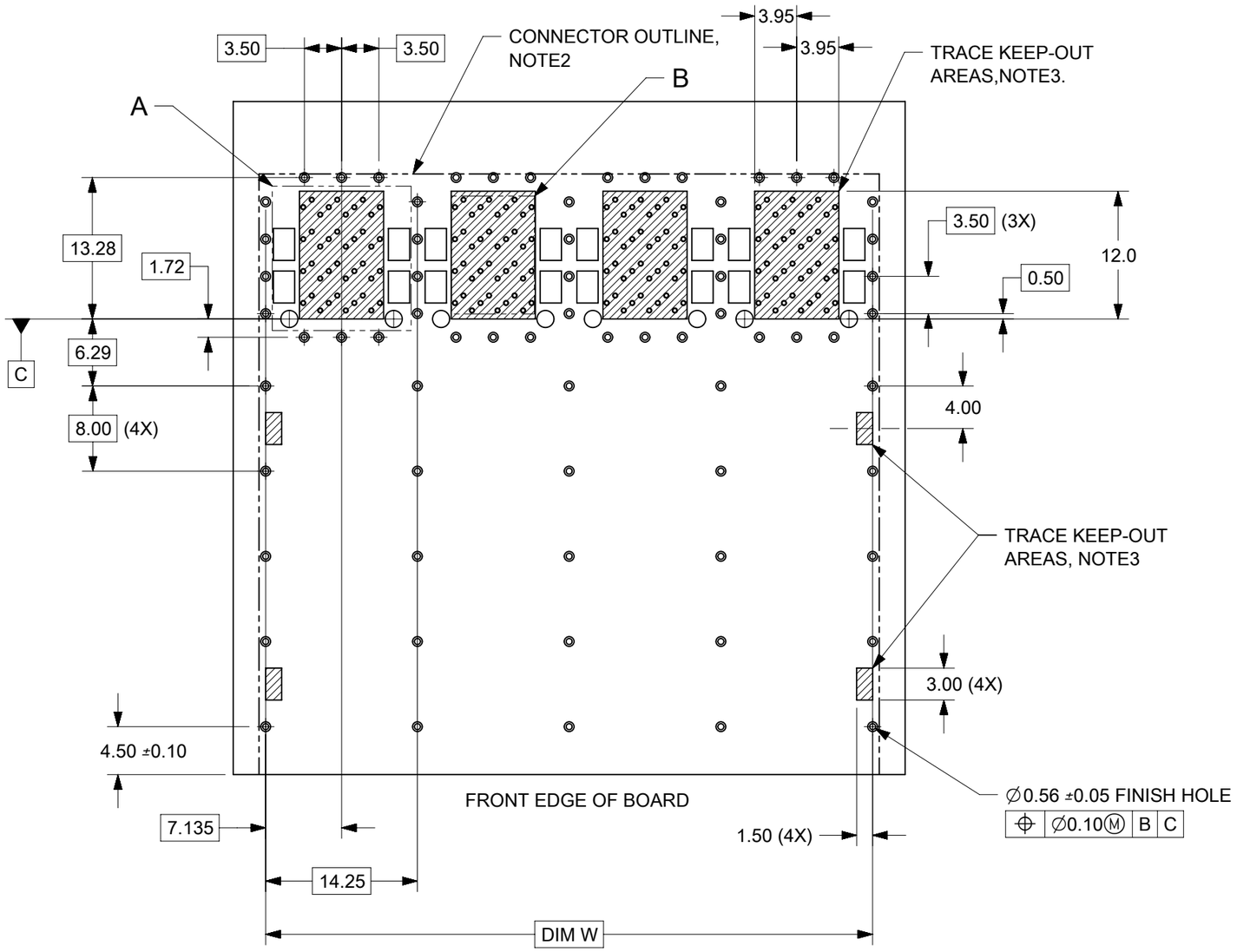
PRODUCT CUSTOMER DRAWING

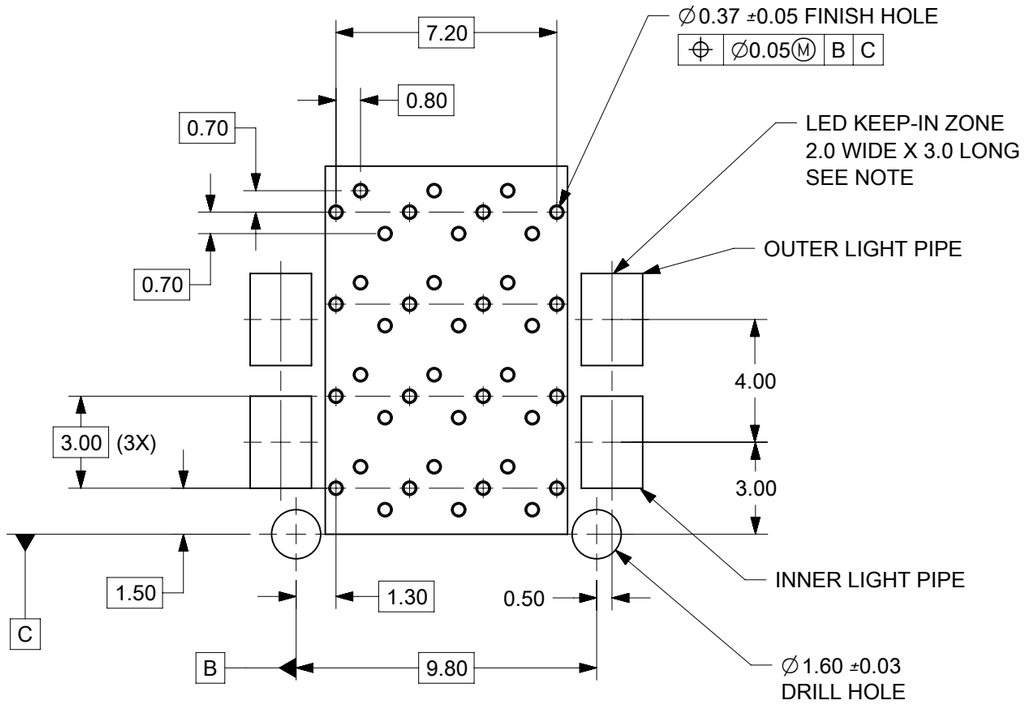
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1700710002	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17 07:52:23

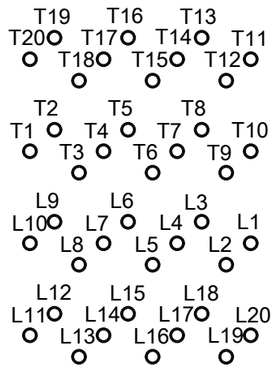
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REVISION: H
DATE: 2018/01/18





DETAIL A
SCALE 5:1

PIN MAP



DETAIL B
SCALE 5:1

PORT SIZE	DIM W	HOLE CHART		
		SIGNALS (∅0.37)	EMI CAGE (∅0.56)	LOCATING PEG (∅1.60)
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

NOTE:
1. 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.
2. 1. THE ENTIRE AREA UNDER THE CONNECTOR IS A KEEP OUT ZONE FOR COMPONENTS AND TRACES, TOP LAYER ONLY, EXCEPT FOR CHASSIS GROUND.
3. 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.

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17 07:52:23

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 170071

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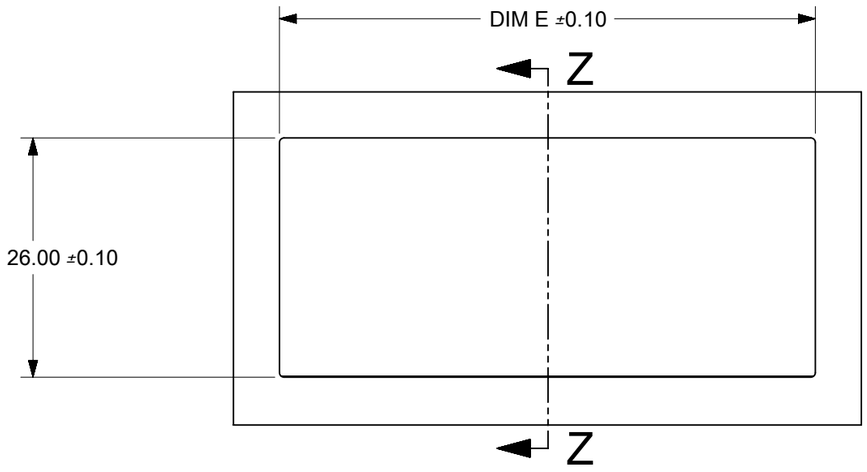
ZSFP+ STACKED ASSY
W/ ELASTOMERIC GASKET

PRODUCT CUSTOMER DRAWING

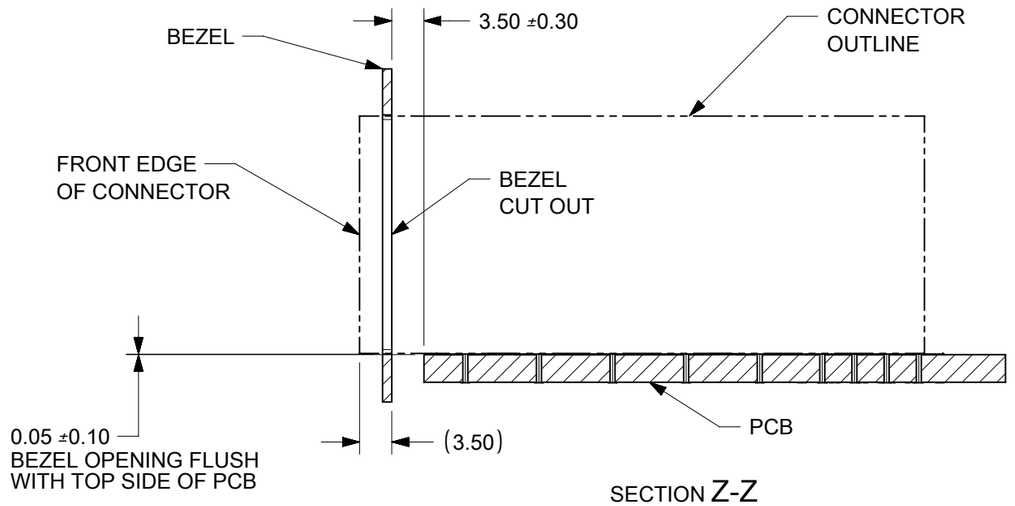
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1700710002	PSD	000	A1

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

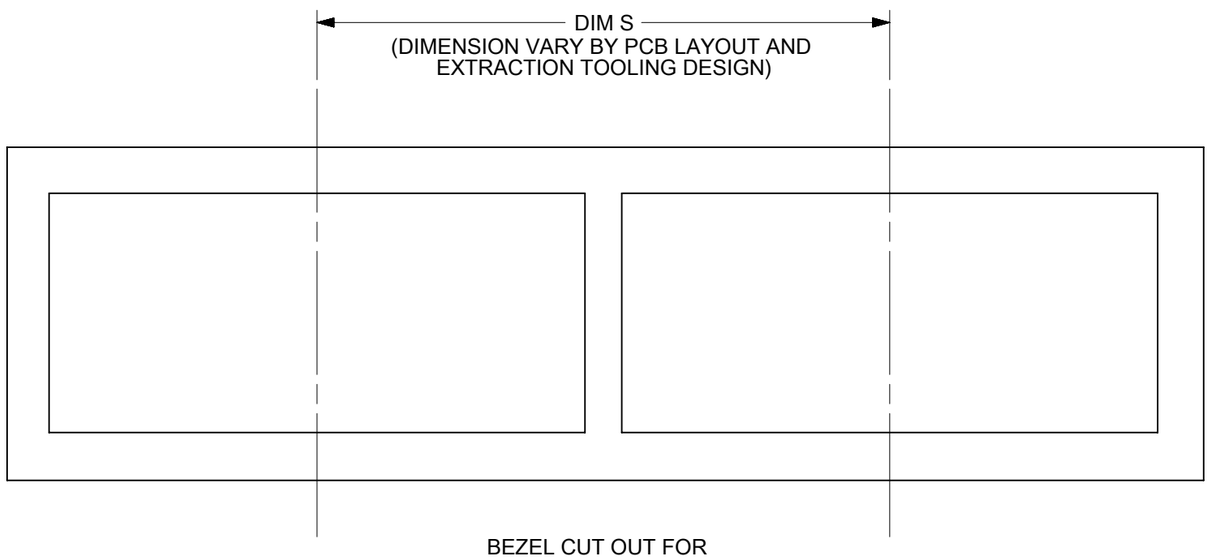
FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18



BEZEL CUT OUT DETAIL
BEZEL THICKNESS 0.8~2.6



SECTION Z-Z



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
2X5	72.50	77.40 MINIMUM
2X6	86.75	91.65 MINIMUM
2X8	115.25	120.15 MINIMUM
2X12	172.25	177.15 MINIMUM

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
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APPR: SHONG 2018/03/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 170071

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ZSFP+ STACKED ASSY
W/ ELASTOMERIC GASKET

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1700710002	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17 07:52:23

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

REVISION HISTORY		
DATE	REV.	DESCRIPTION
2019/09/12	A1	1.ADDED REVISION HISTORY. 2.ADDED DATE CODE FORMAT IN NOTE8, SHEET1. 3.ADDED SIGNAL TAIL LENGTH OF SHORT, SHEET1.
		4.ADDED NOTE2&3, SHEET3

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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APPR:	RNELSON	2019/09/17

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DRWN:	DTAN10	2018/03/01
APPR:	SHONG	2018/03/06

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 170071

molex

ZSFP+ STACKED ASSY
W/ ELASTOMERIC GASKET

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1700710002	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2019/09/17 07:52:23

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

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