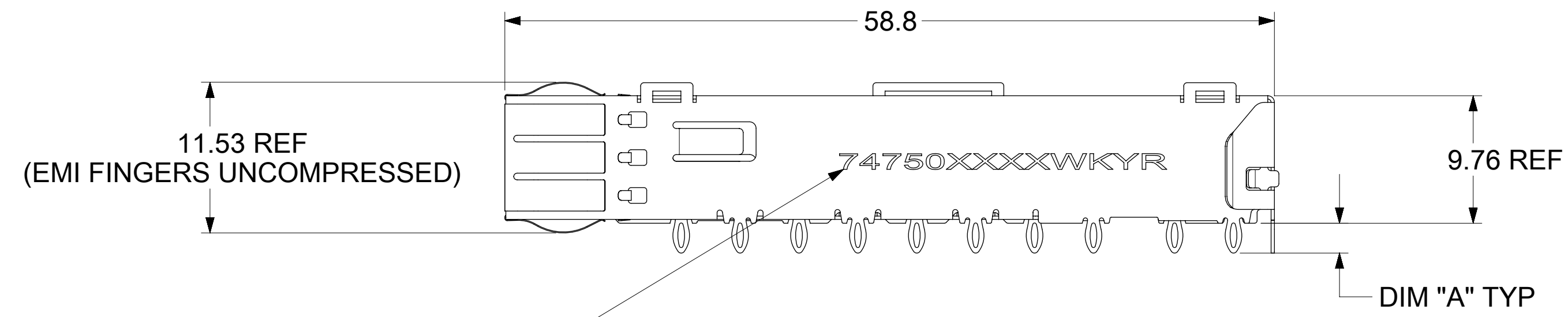
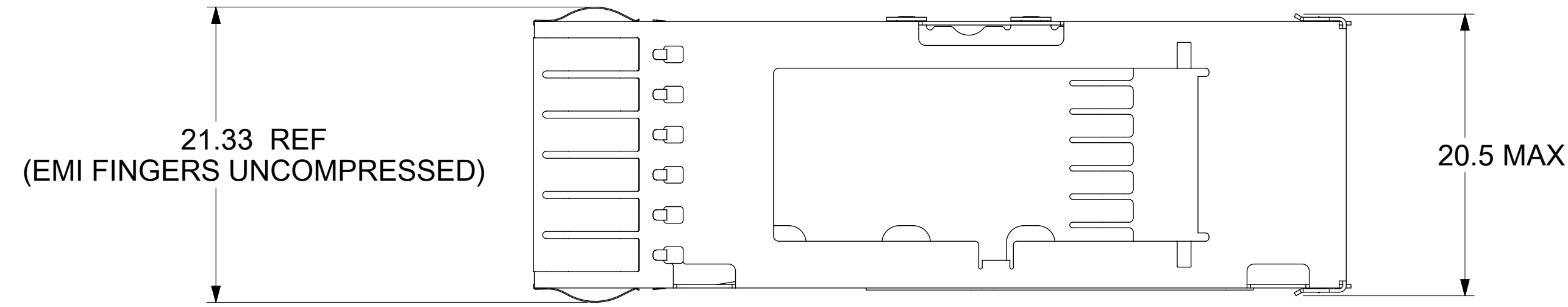


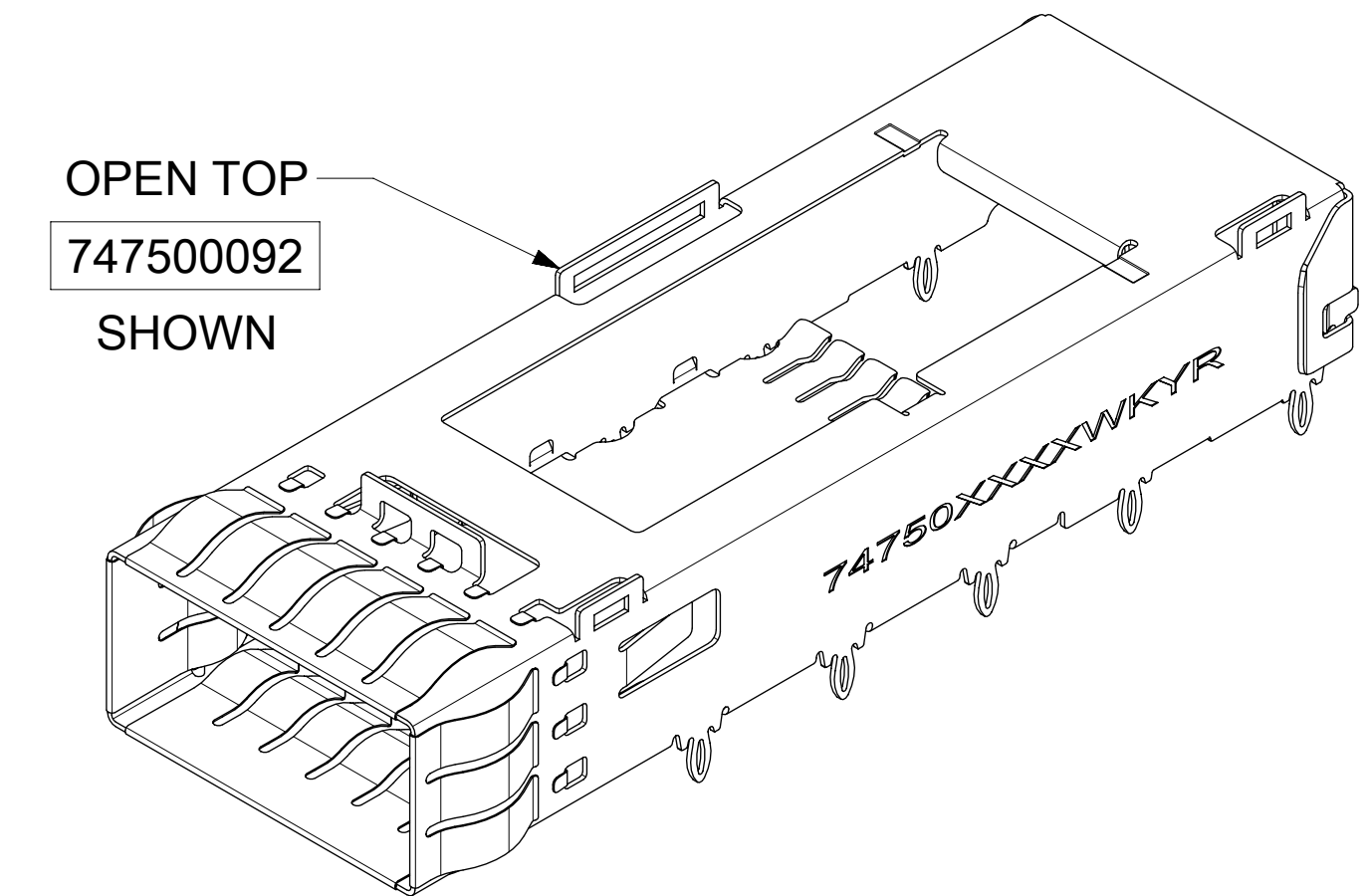
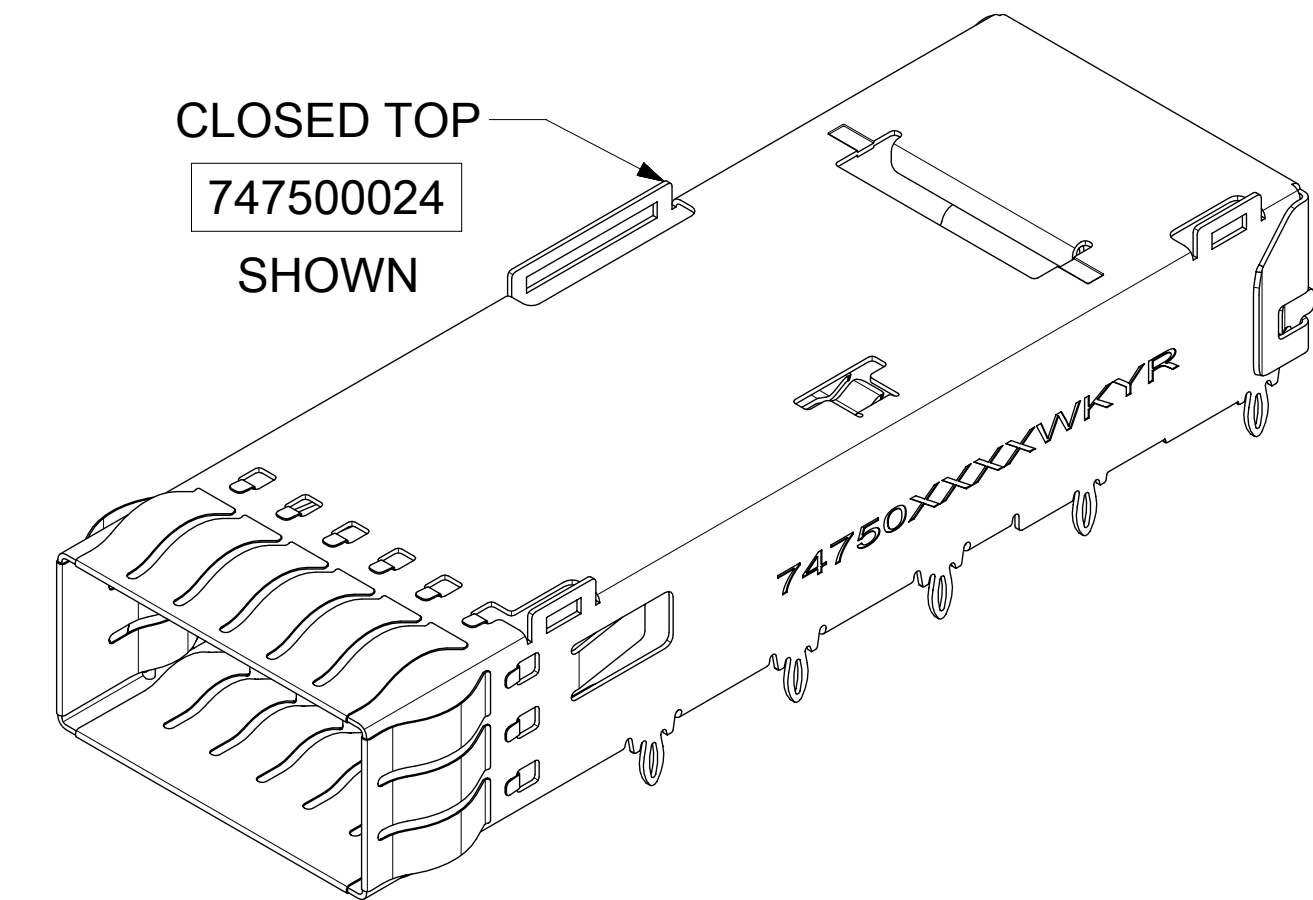
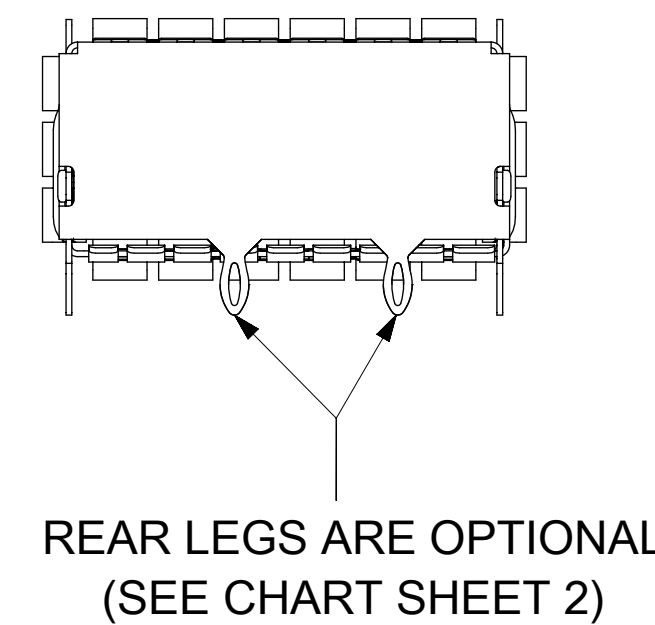
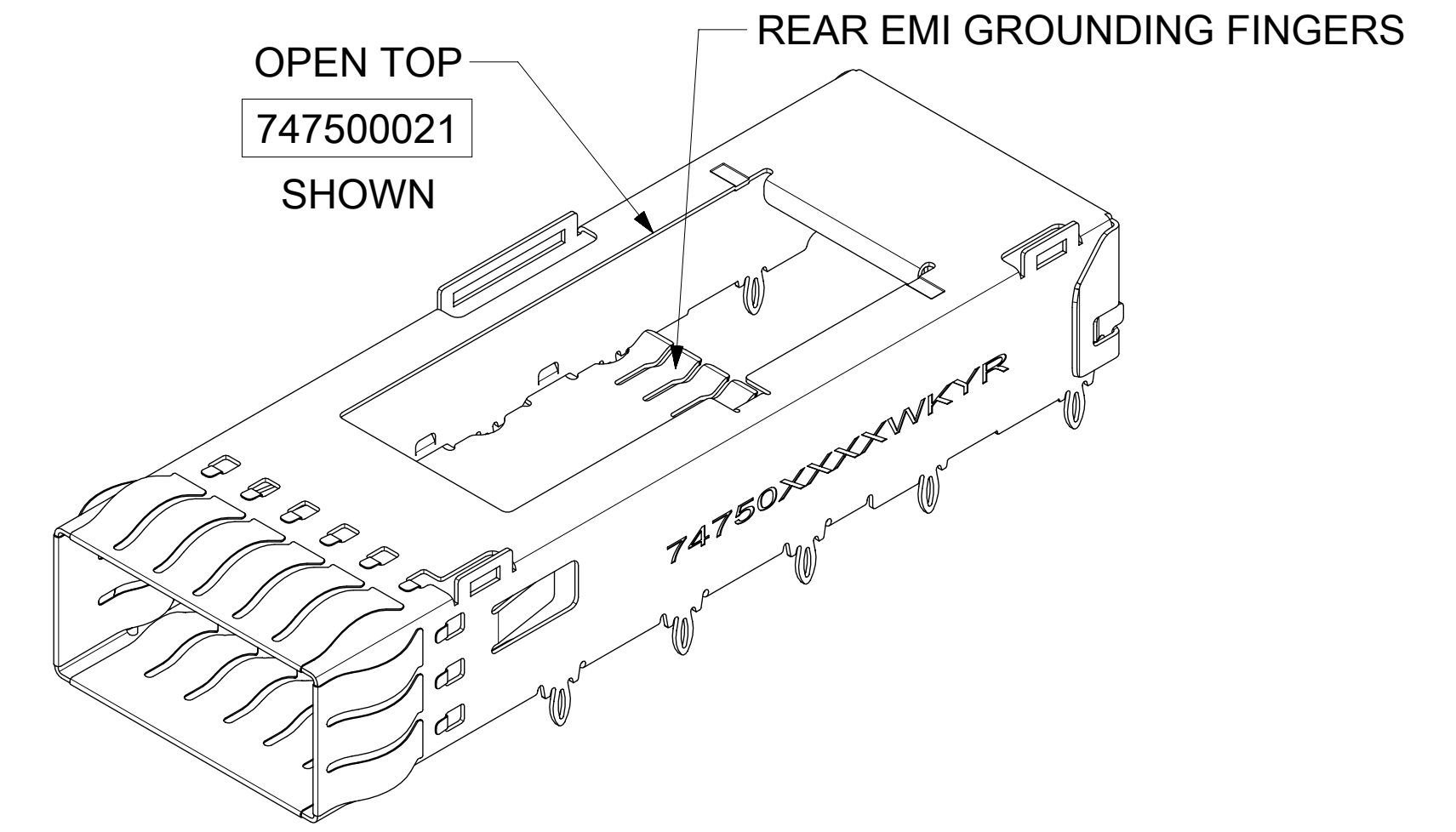
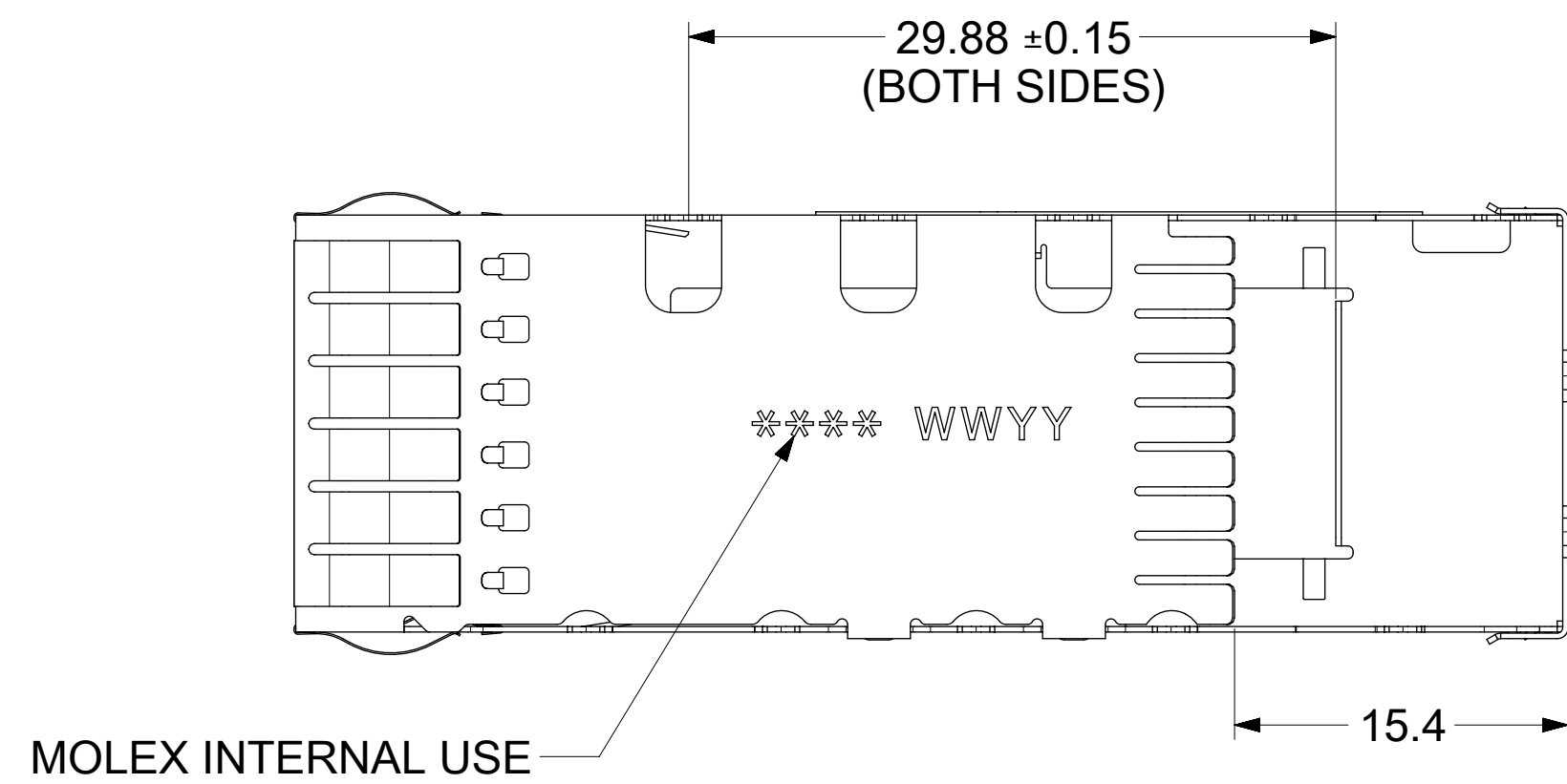
# BASE CAGE DETAILS

(APPLIES TO ALL CAGES IN THIS DRAWING)



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON SIDE OF COMPLETED CAGE ASSEMBLY AS SHOWN.

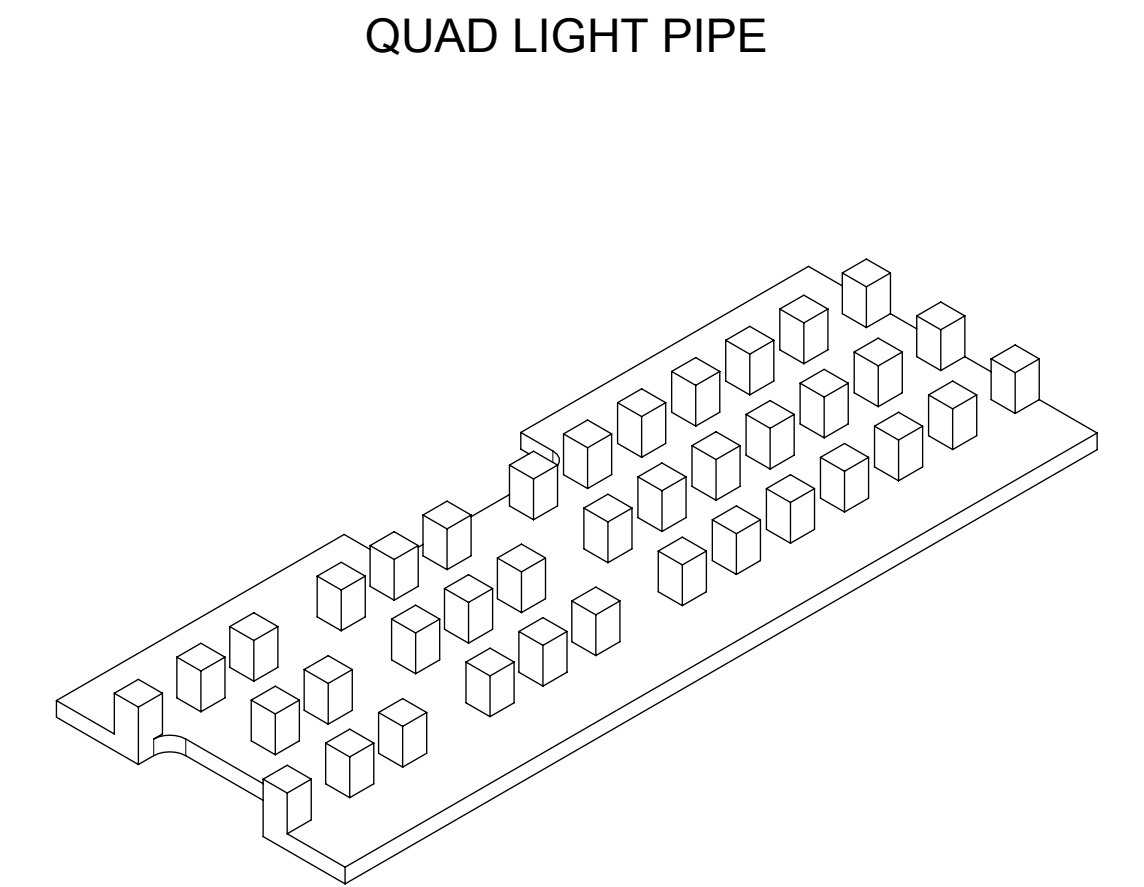
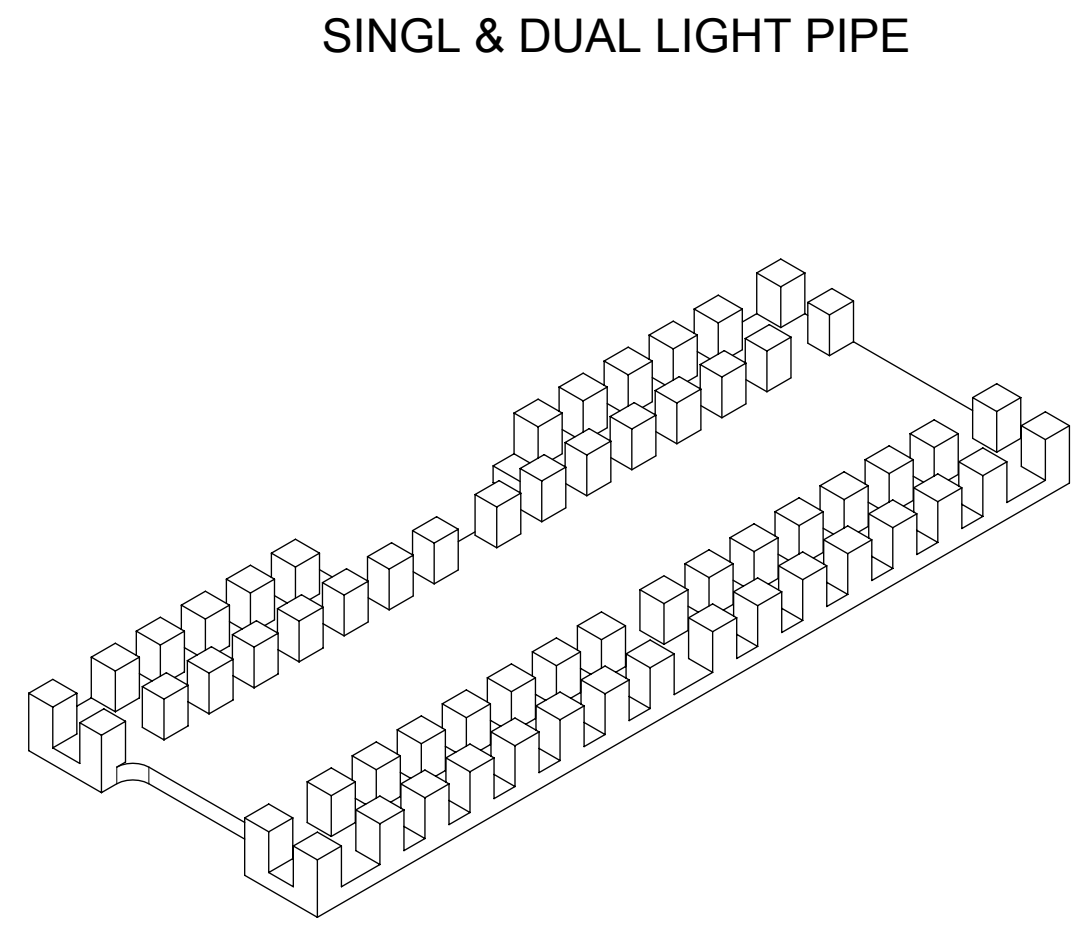
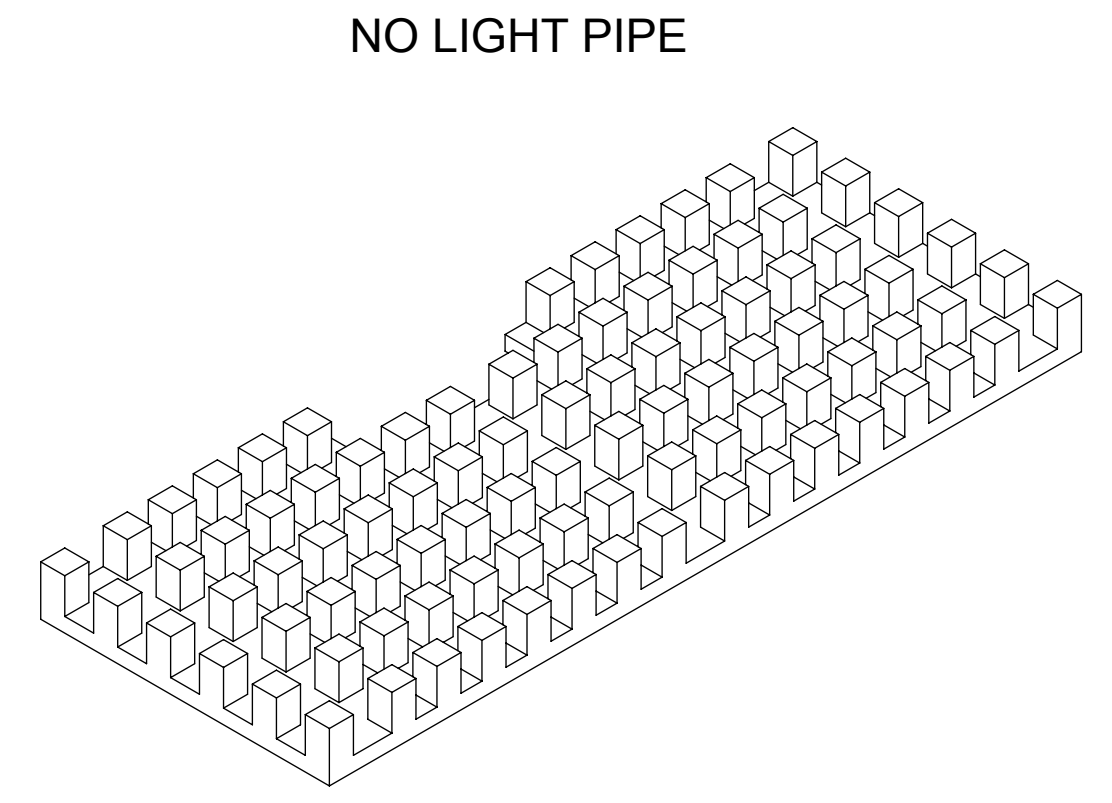
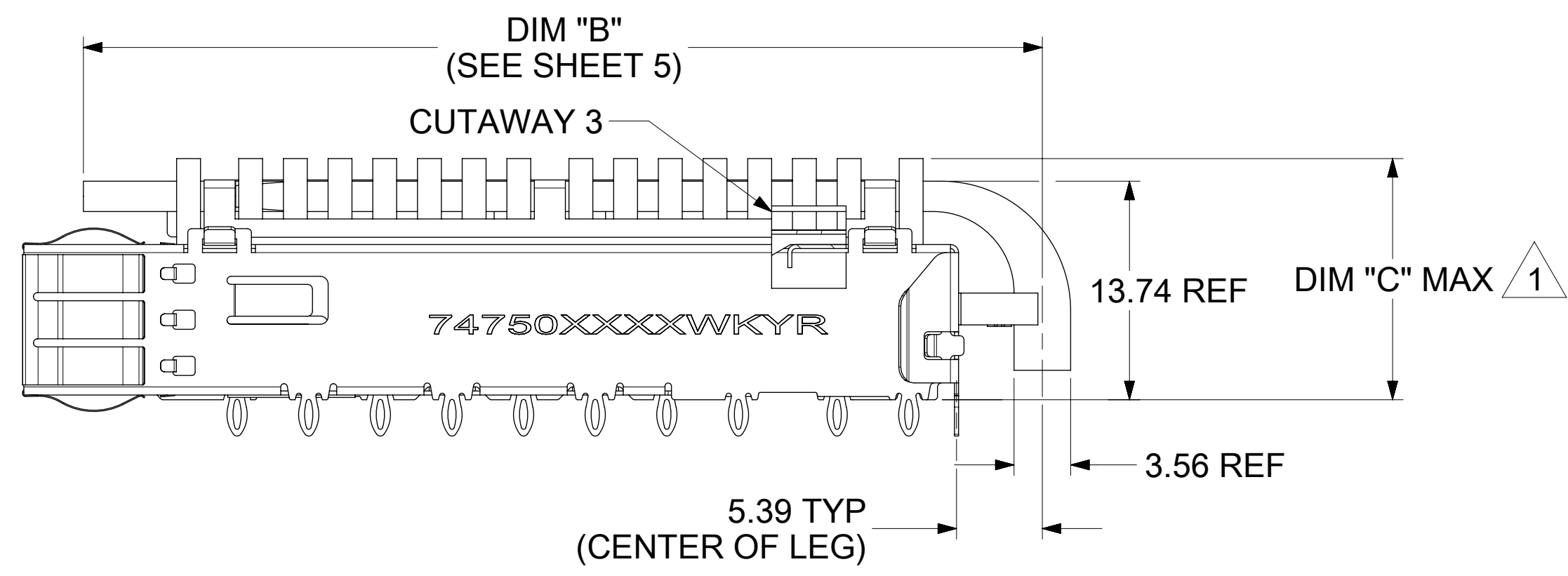
WEEK/YEAR DATE CODE TABLE	
WK	01 THRU 52 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YR	17, 18, 19 ETC. EXAMPLE: YEAR 2017 = 17



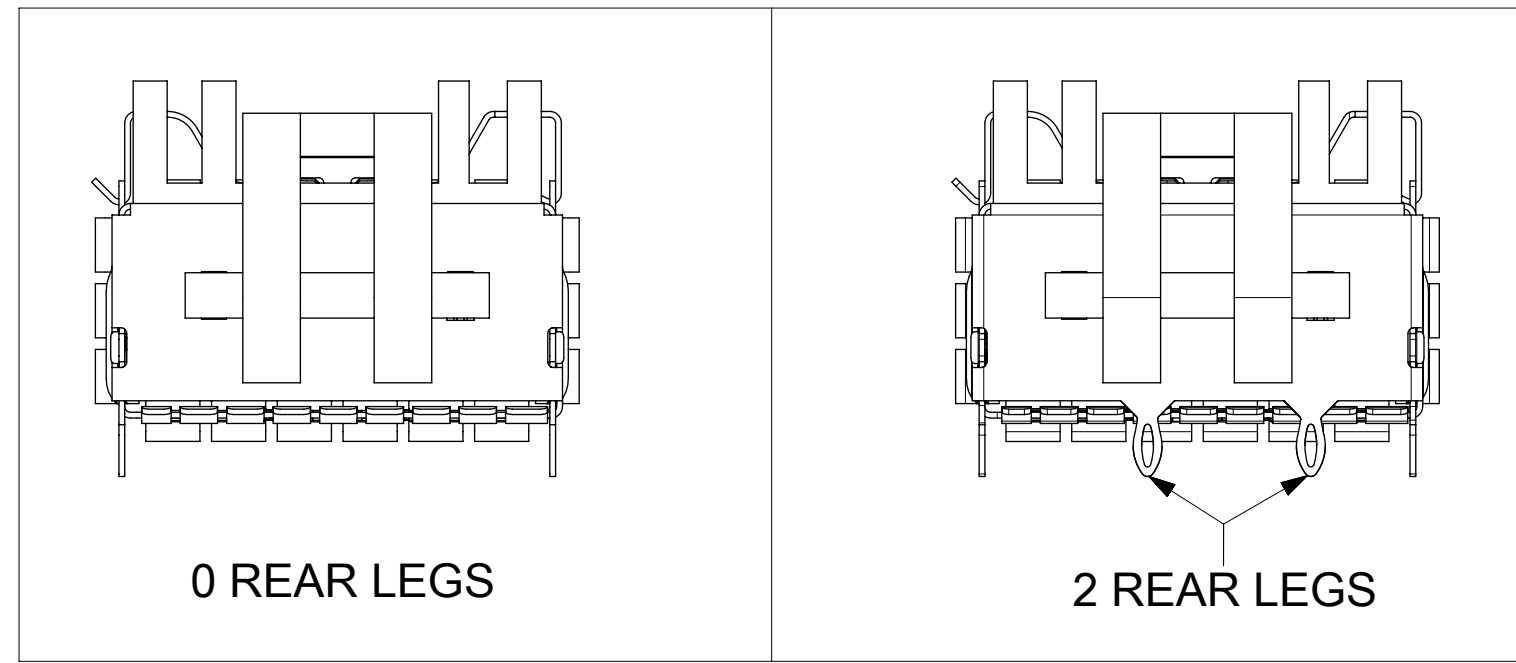
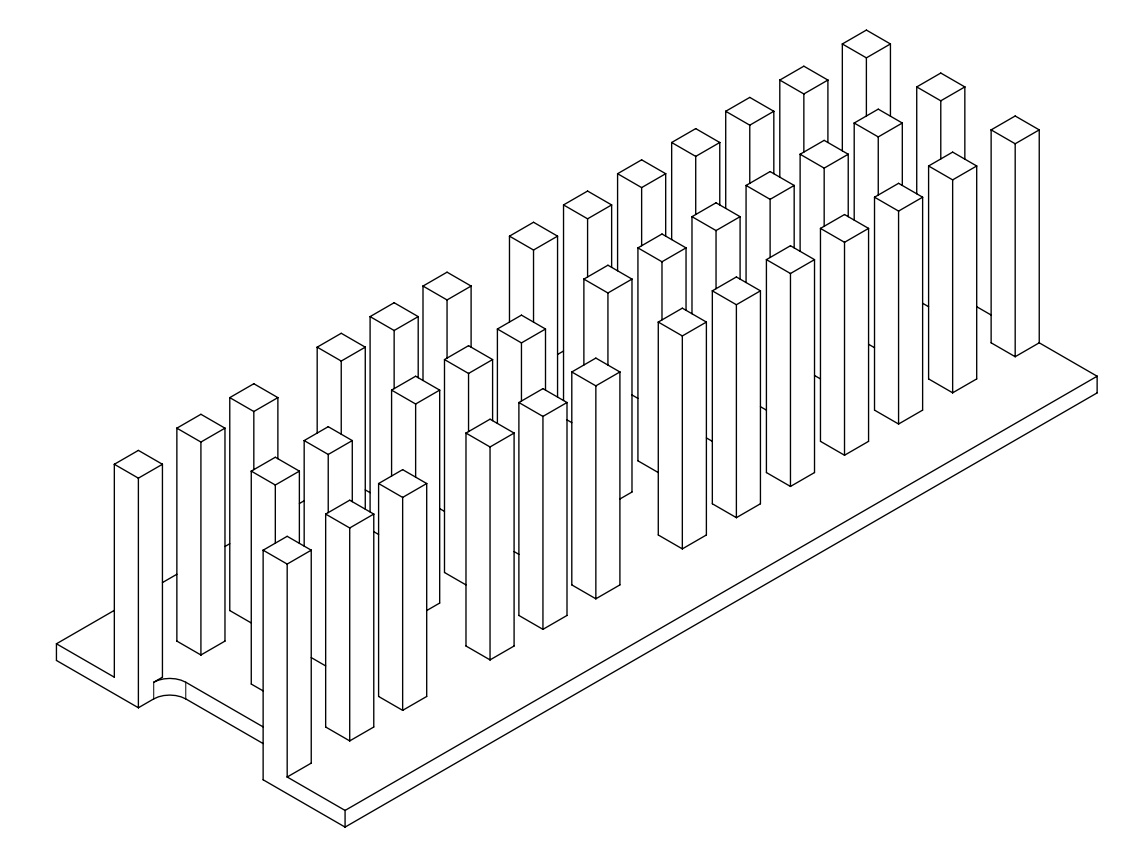
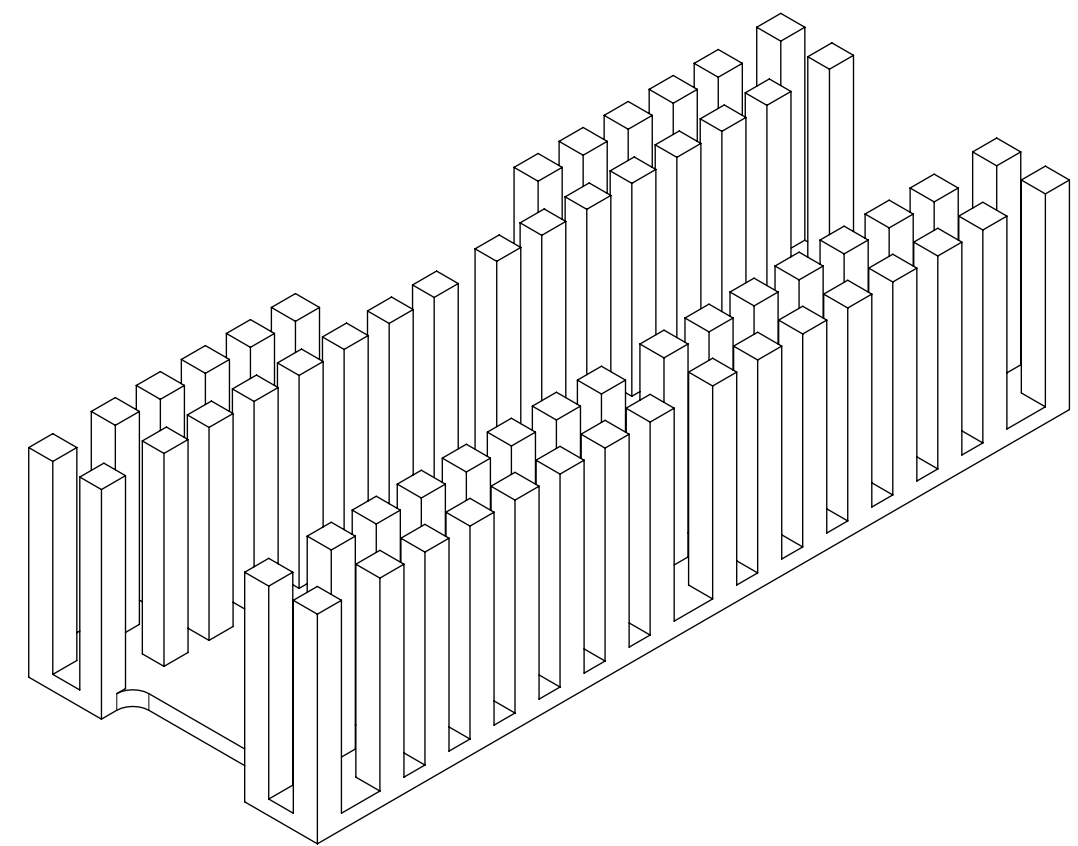
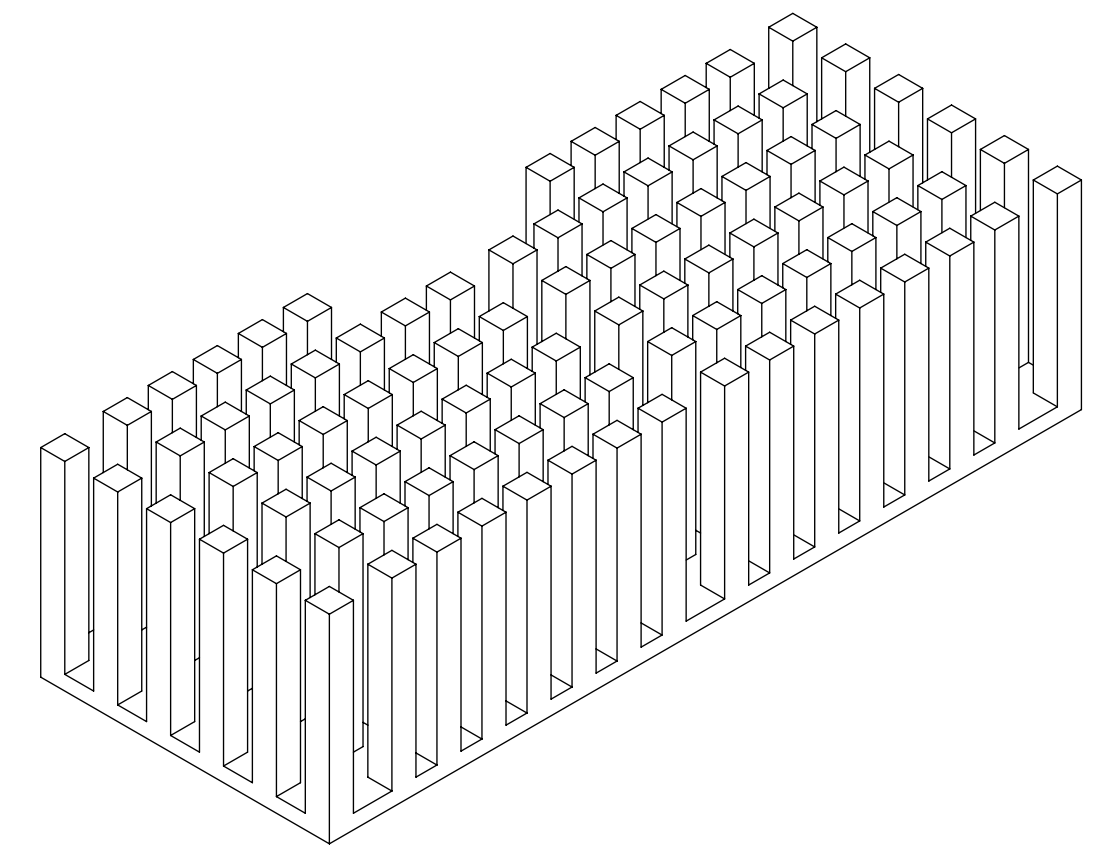
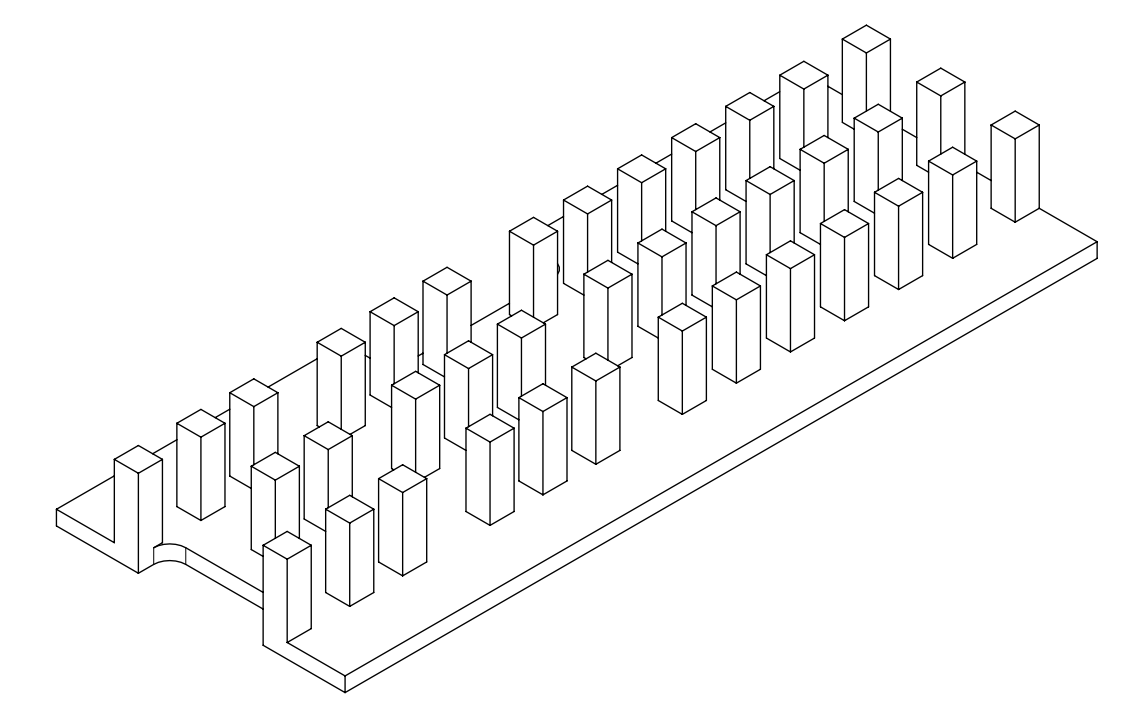
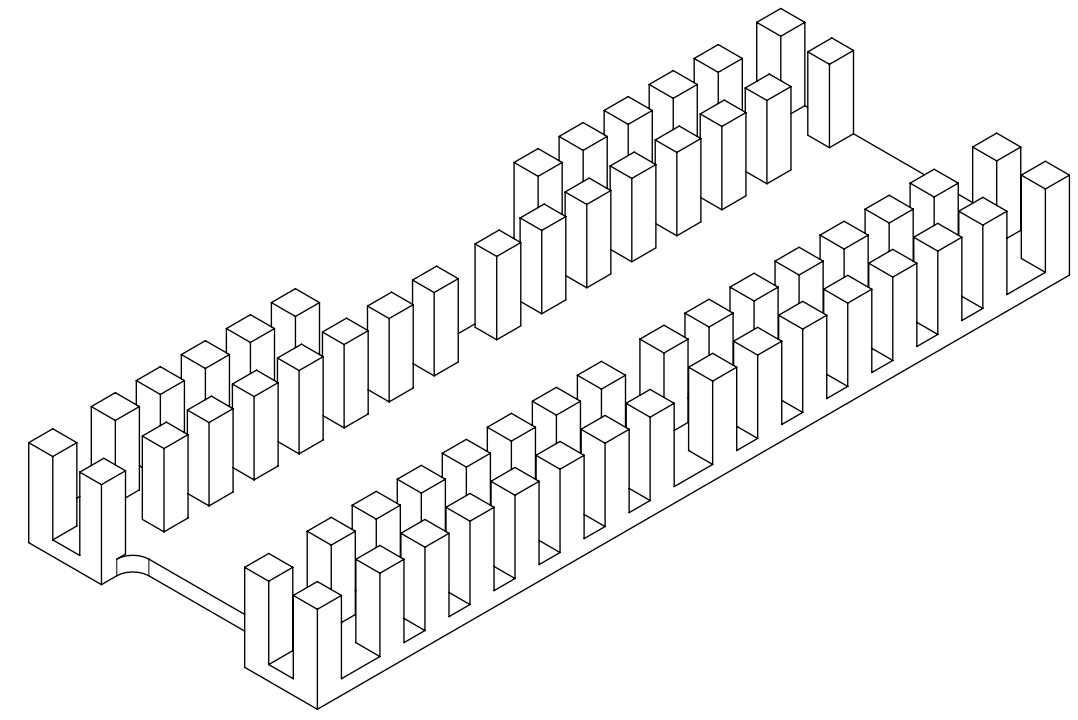
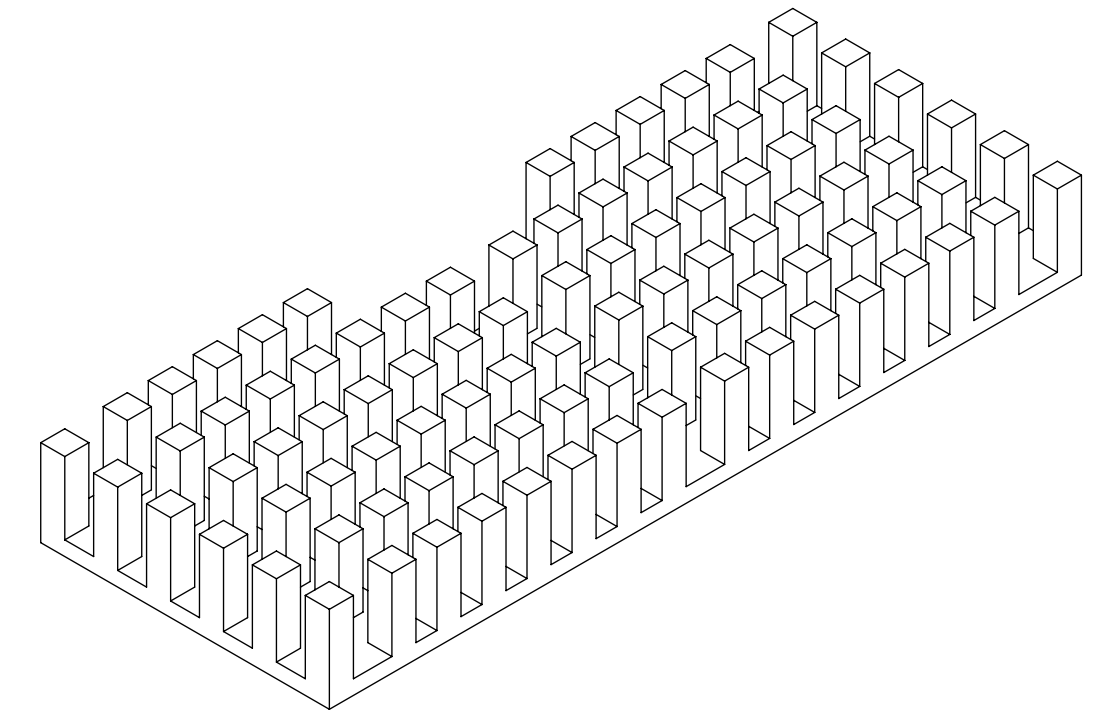
- NOTES:
1. QSFP+ ASSEMBLIES ALSO AVAILABLE WITH 1X2 (74767 SERIES), 1X3 (74768 SERIES), 1X4 (74769 SERIES) AND 1X6 (74771 SERIES) CONFIGURATIONS.
  2. MATERIAL:  
 LIGHT PIPE/HEATSINK CLIP: STAINLESS STEEL  
 LIGHT PIPES: POLYCARBONATE (UL 94-V-0 RATED)  
 HEAT SINKS: BLACK ANNOXIDIZED ALUMINUM  
 CAGE: COPPER ALLOY, NICKEL PLATED
  3. NO RoHS EXEMPTIONS
  4. CUSTOM HEATSINKS AVAILABLE UPON REQUEST

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457											
mm	NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 680890			QSFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE								
ANGULAR TOL	± 1.0°	DRWN: SANTHN 2021/05/14			PRODUCT CUSTOMER DRAWING								
4 PLACES	±	CHK'D: GGA 2021/11/25			DOCUMENT NUMBER								
3 PLACES	±	APPR: GGA 2021/11/25			DOC TYPE								
2 PLACES	± 0.13	INITIAL REVISION:			DOC PART								
1 PLACE	± 0.25	DRWN: SJKG 2016/06/23			REVISION								
0 PLACES	±	APPR: RCHEN08 2017/06/05			747500021								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		74750		GENERAL MARKET		PSD ASY N1		1 OF 12	

# CAGE ASSEMBLY OPTIONS



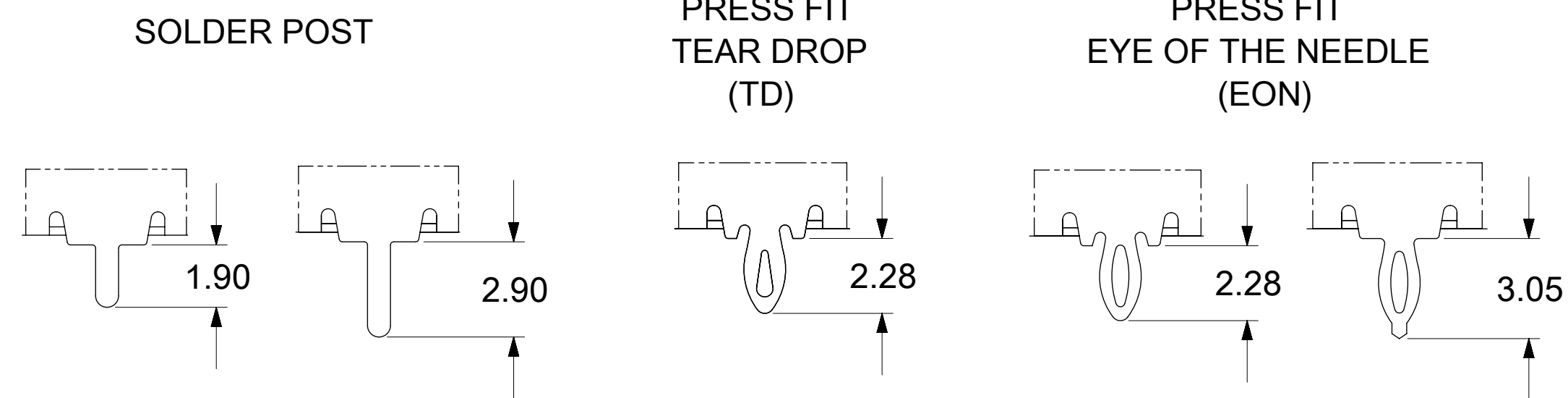
## REAR LEG OPTIONS



## LEG OPTIONS

## HEAT SINK HEIGHT OPTIONS

OVERALL HEAT SINK HEIGHT	DIM C
PCI	13.7
SAN	16.0
NET	23.0



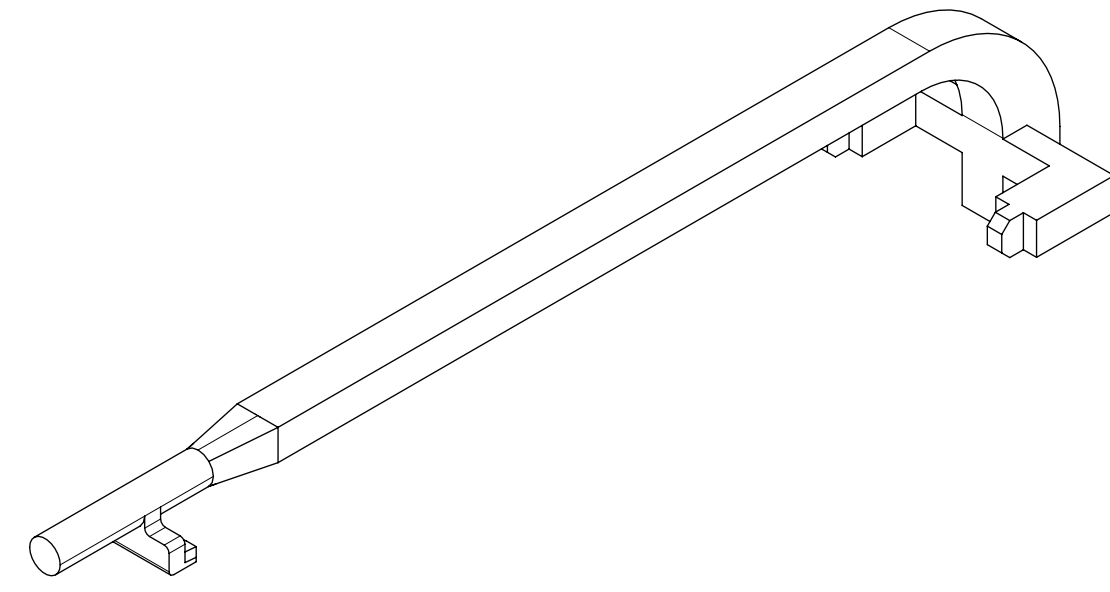
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 680890			
ANGULAR TOL: ± 1.0°	4 PLACES: ±	DRWN: SANTHN	PRODUCT CUSTOMER DRAWING		
3 PLACES: ±	2 PLACES: ± 0.13	CHK'D: GGA	DOCUMENT NUMBER	DOC TYPE	DOC PART
1 PLACE: ± 0.25	0 PLACES: ±	APPR: GGA	747500021	PSD	ASY
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: SJKG	REVISION		
THIRD ANGLE PROJECTION		APPR: RCHEN08	N1		
D-SIZE		SERIES: 74750	SHEET NUMBER		
		MATERIAL NUMBER	CUSTOMER		2 OF 12
		GENERAL MARKET			

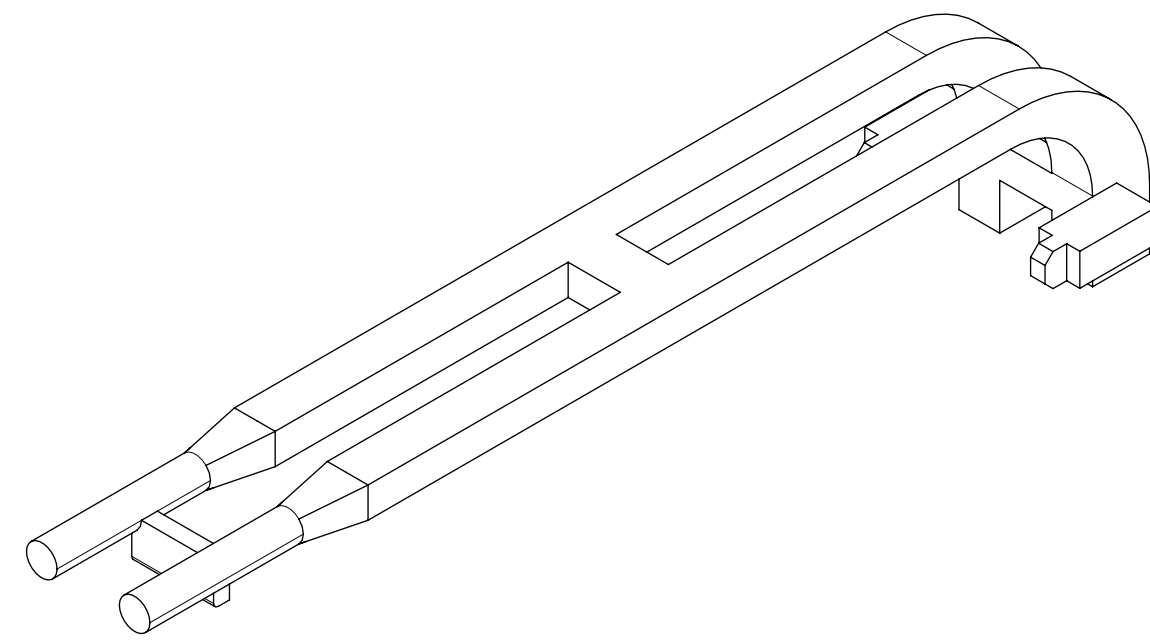
1 HEIGHT OF HEATSINK WITH MODULE INSERTED. DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS.

# CAGE ASSEMBLY OPTIONS (CONT.)

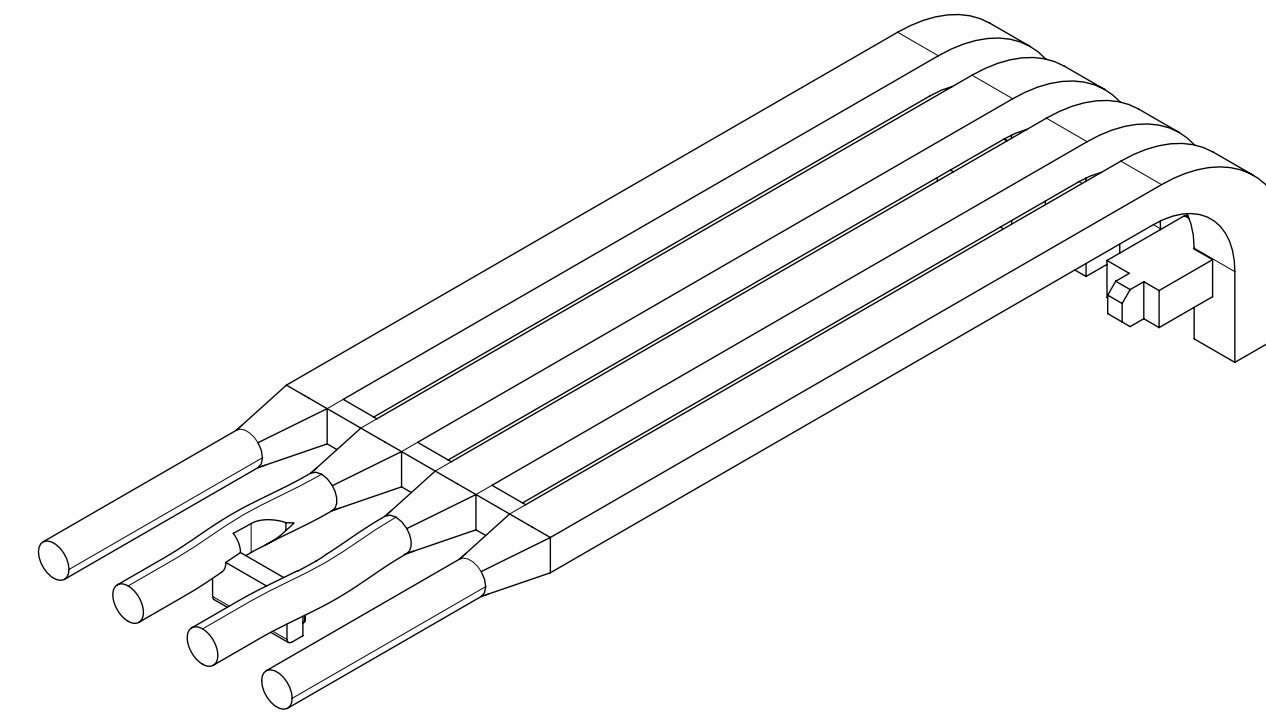
SINGLE LIGHT PIPE



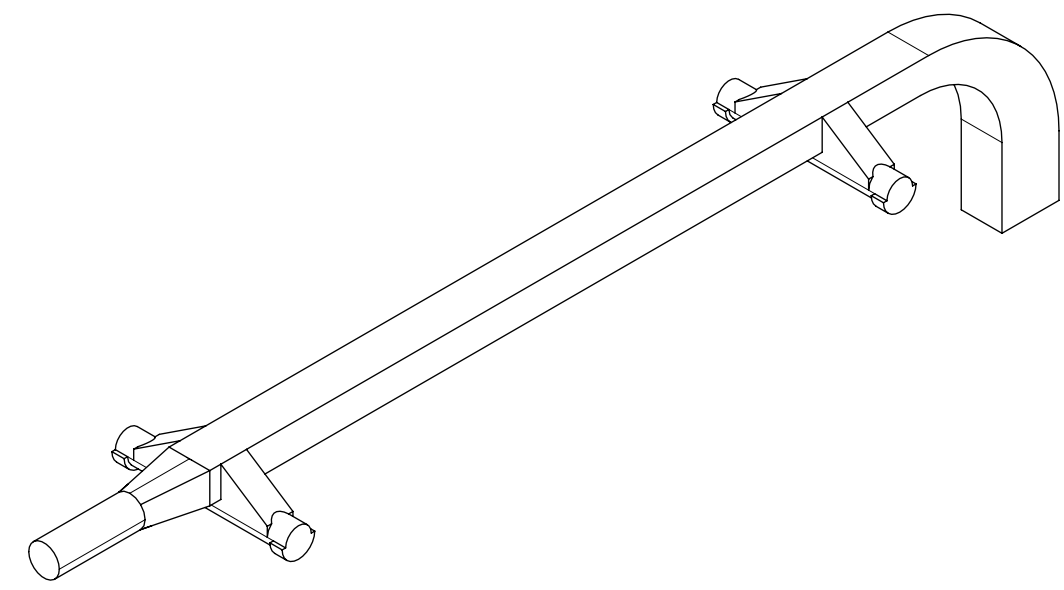
DUAL LIGHT PIPE



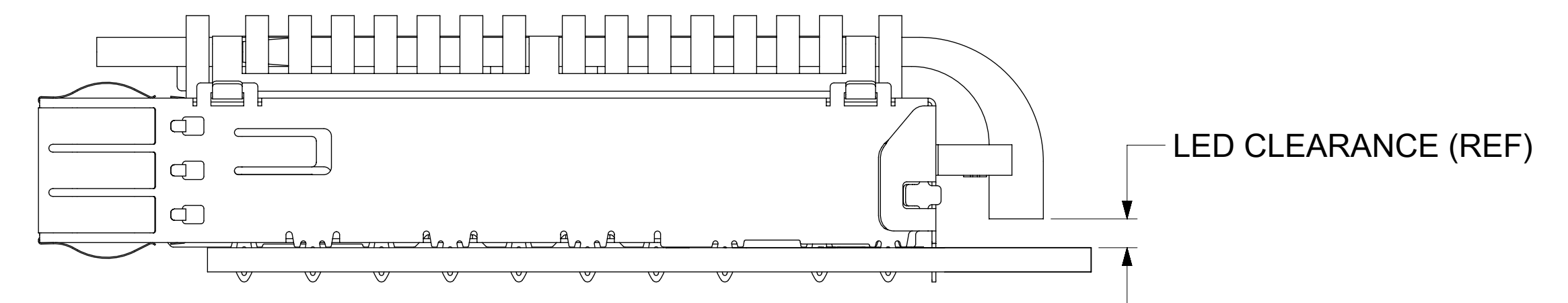
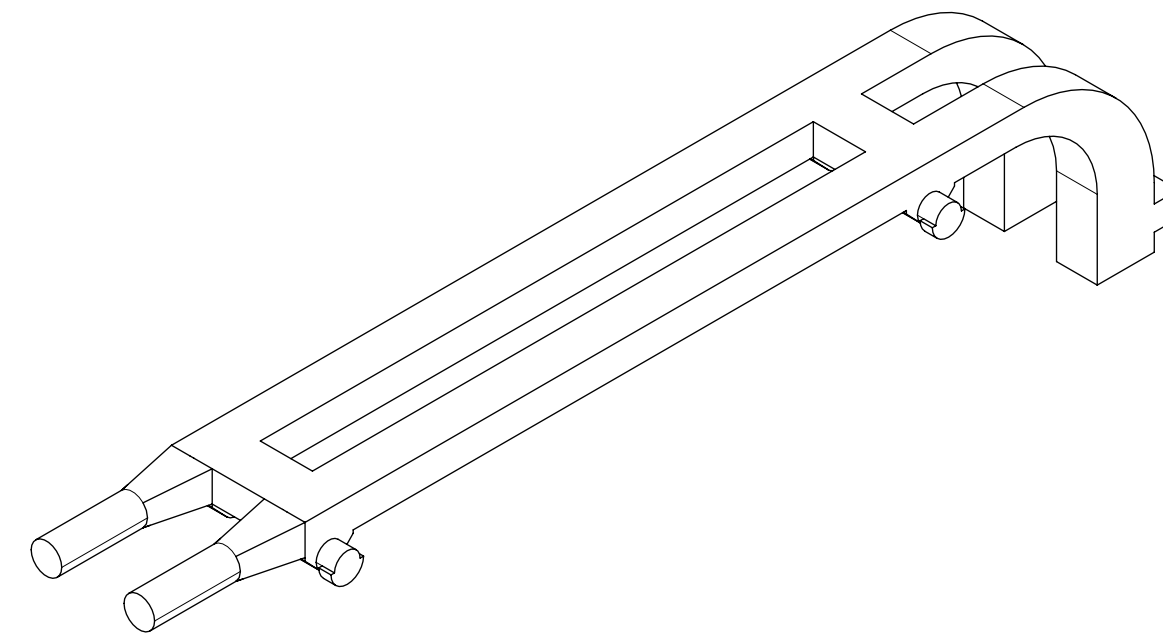
QUAD LIGHT PIPE



SINGLE LIGHT PIPE



DUAL LIGHT PIPE



LIGHT PIPE	LED CLEARANCE (REF)
SINGLE	1.86
SINGLE	1.86
DUAL	1.86
DUAL	1.86
QUAD	1.86

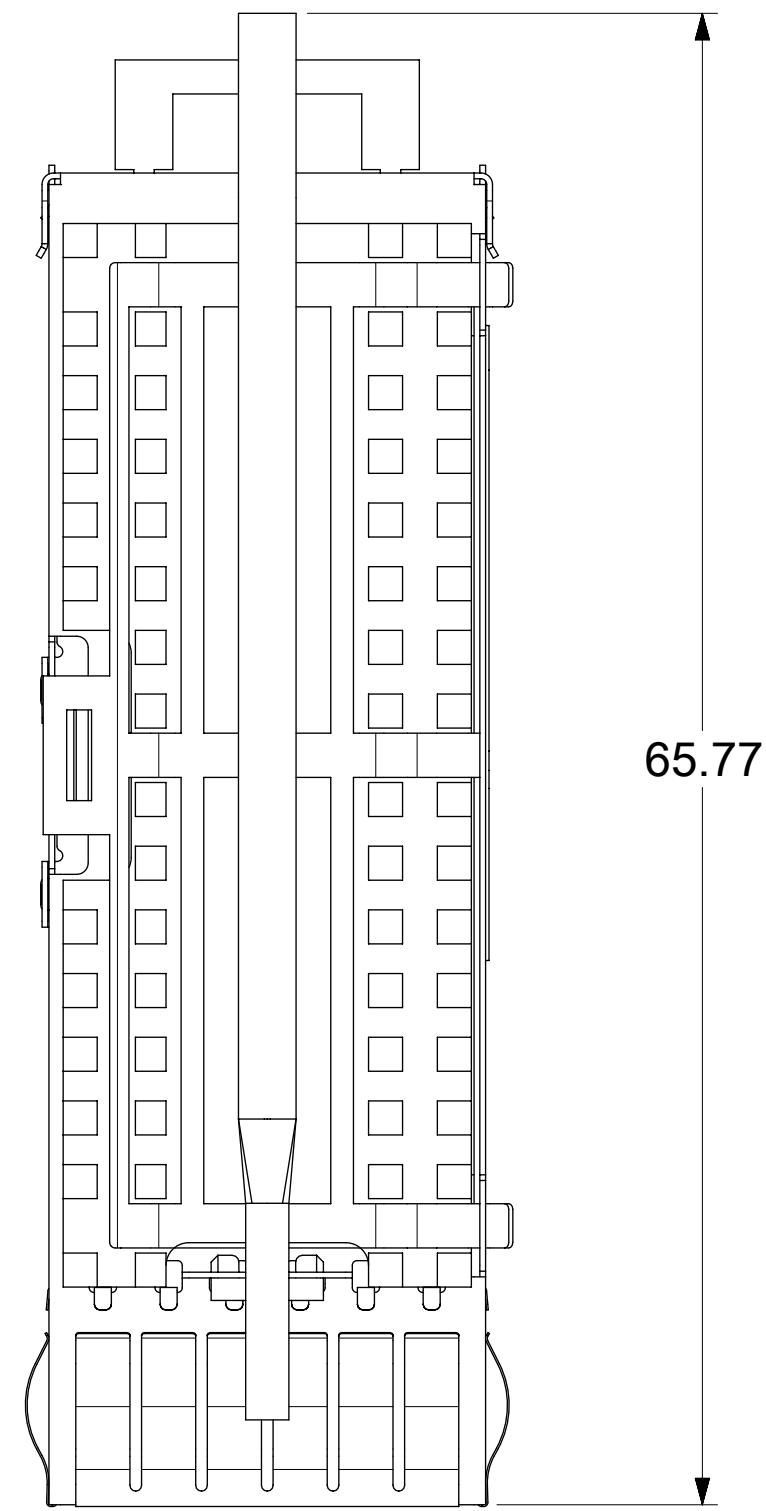
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS <b>mm</b>	SCALE <b>NTS</b>	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± 1.0°		EC NO: 680890	PRODUCT CUSTOMER DRAWING		
4 PLACES ±		DRWN: SANTHN 2021/05/14	DOCUMENT NUMBER		
3 PLACES ±		CHK'D: GGA 2021/11/25	DOC TYPE		
2 PLACES ± 0.13		APPR: GGA 2021/11/25	DOC PART		
1 PLACE ± 0.25		INITIAL REVISION:	REVISION		
0 PLACES ±		DRWN: SJKG 2016/06/23	747500021		
		APPR: RCHEN08 2017/06/05	PSD ASY N1		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING <b>D-SIZE</b>	SERIES <b>74750</b>	MATERIAL NUMBER	CUSTOMER GENERAL MARKET
					SHEET NUMBER 3 OF 12

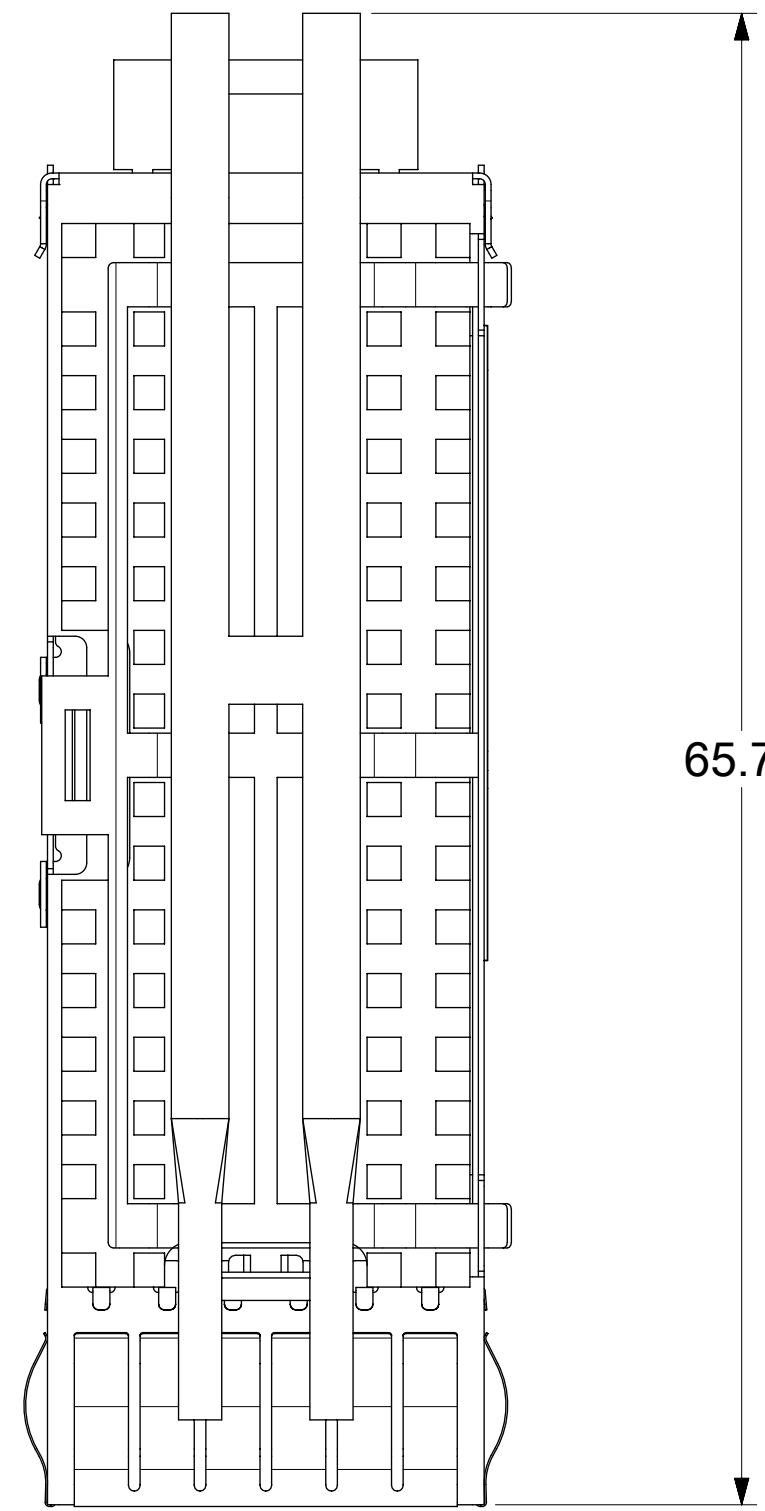
NOTE:  
1) FOR HEATSINK OPTIONS SEE SHEET 2.

DOCUMENT STATUS	P1	RELEASE DATE	2021/11/25	12:19:23
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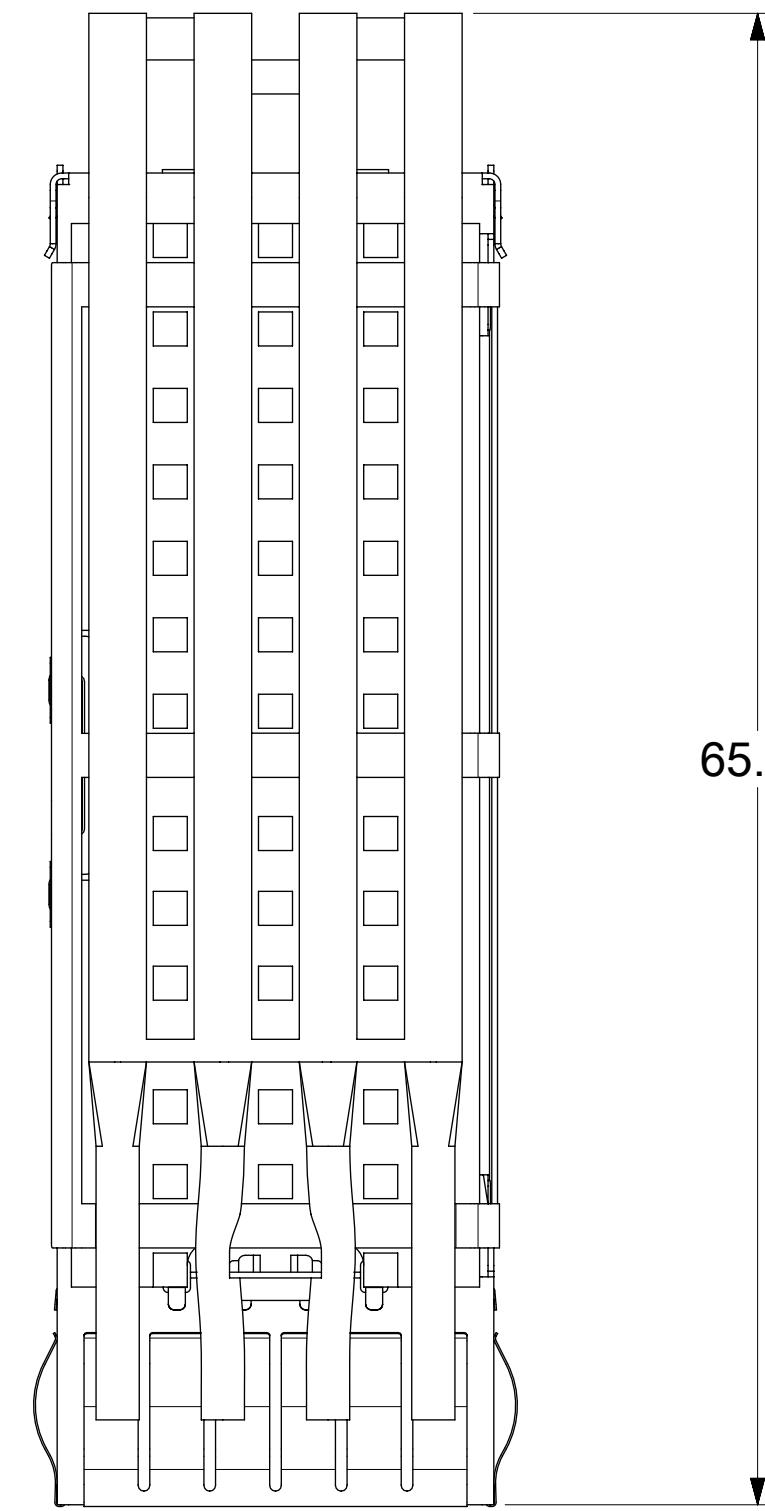
# CAGE ASSEMBLY OPTIONS (CONT.)



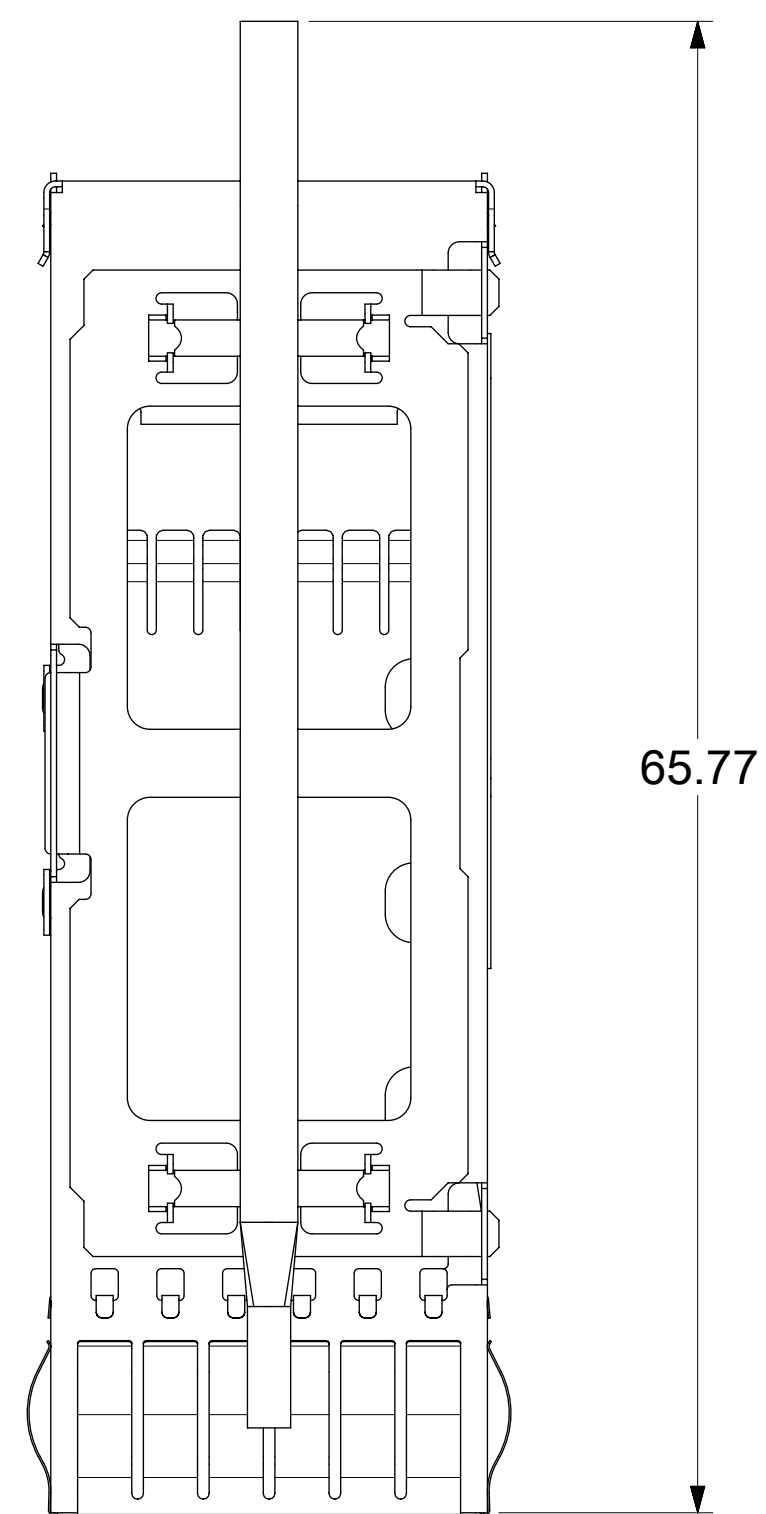
65.77



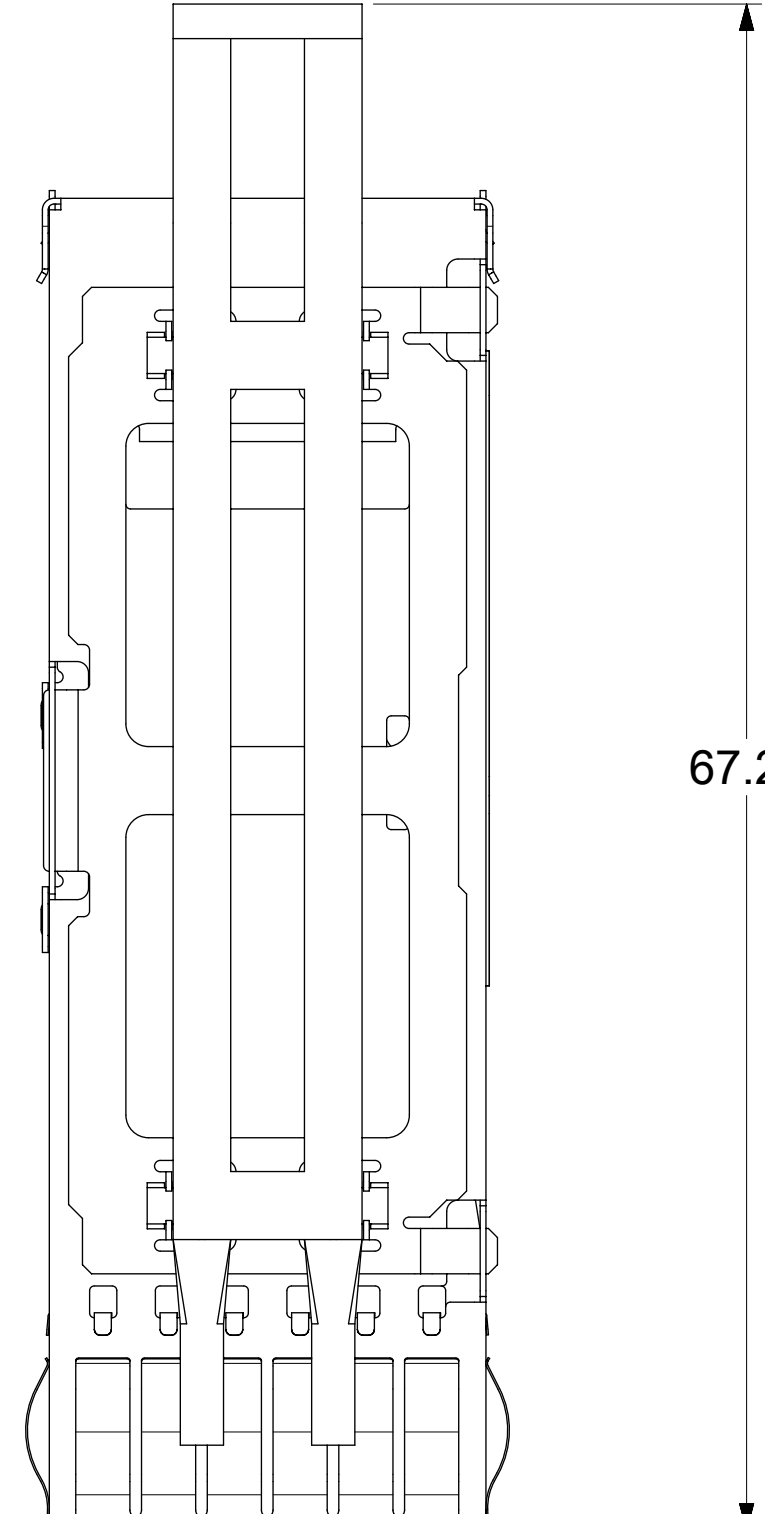
65.77



65.77



65.77

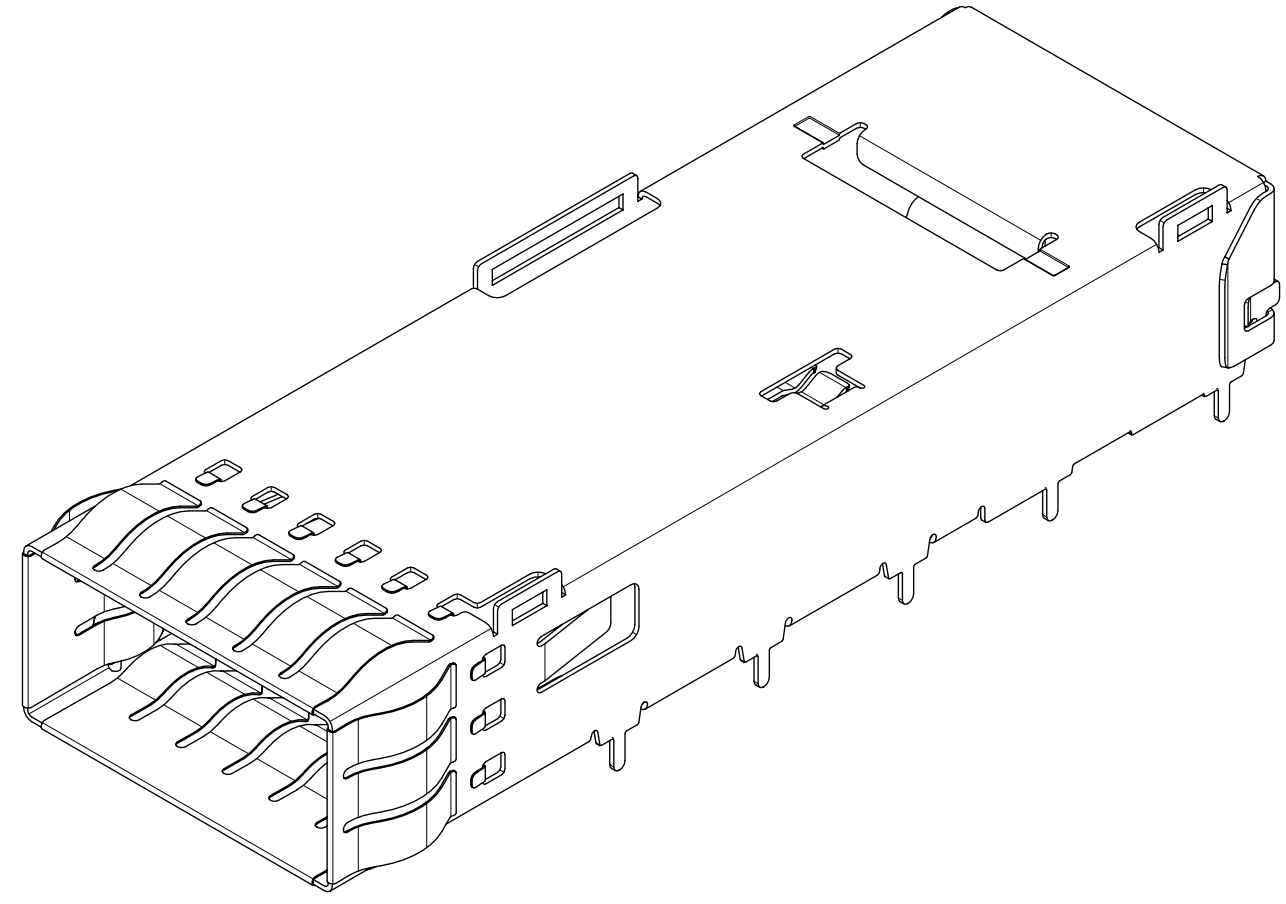


67.29

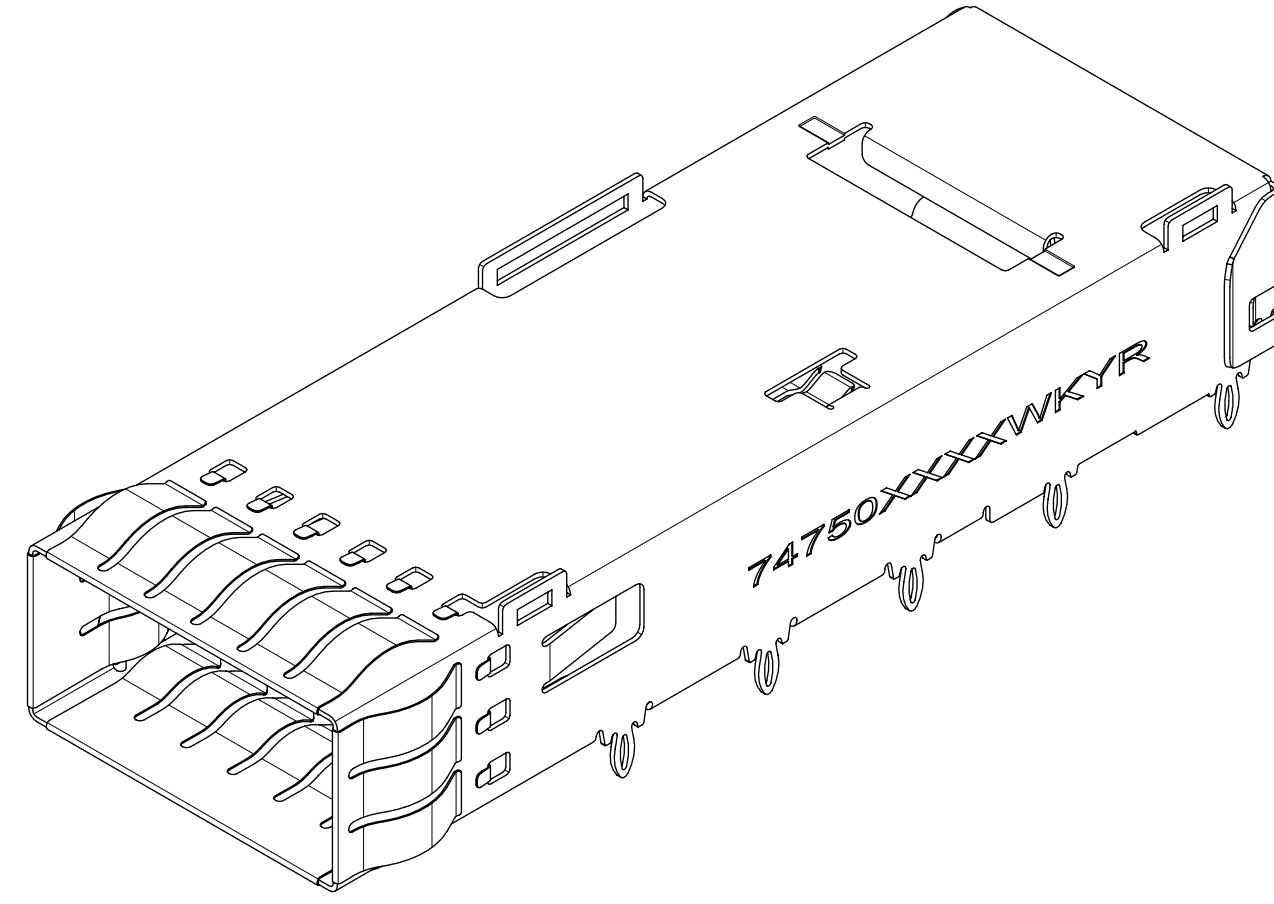
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457			
mm	NTS				
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 680890 DRWN: SANTHN 2021/05/14 CHK'D: GGA 2021/11/25 APPR: GGA 2021/11/25		
ANGULAR TOL	± 1.0°		PRODUCT CUSTOMER DRAWING		
4 PLACES	±		INITIAL REVISION: DRWN: SJKG 2016/06/23 APPR: RCHEN08 2017/06/05		
3 PLACES	±		DOCUMENT NUMBER	DOC TYPE	DOC PART
2 PLACES	± 0.13		747500021	PSD	ASY
1 PLACE	± 0.25				N1
0 PLACES	±				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		D-SIZE	74750		GENERAL MARKET
					SHEET NUMBER
					4 OF 12

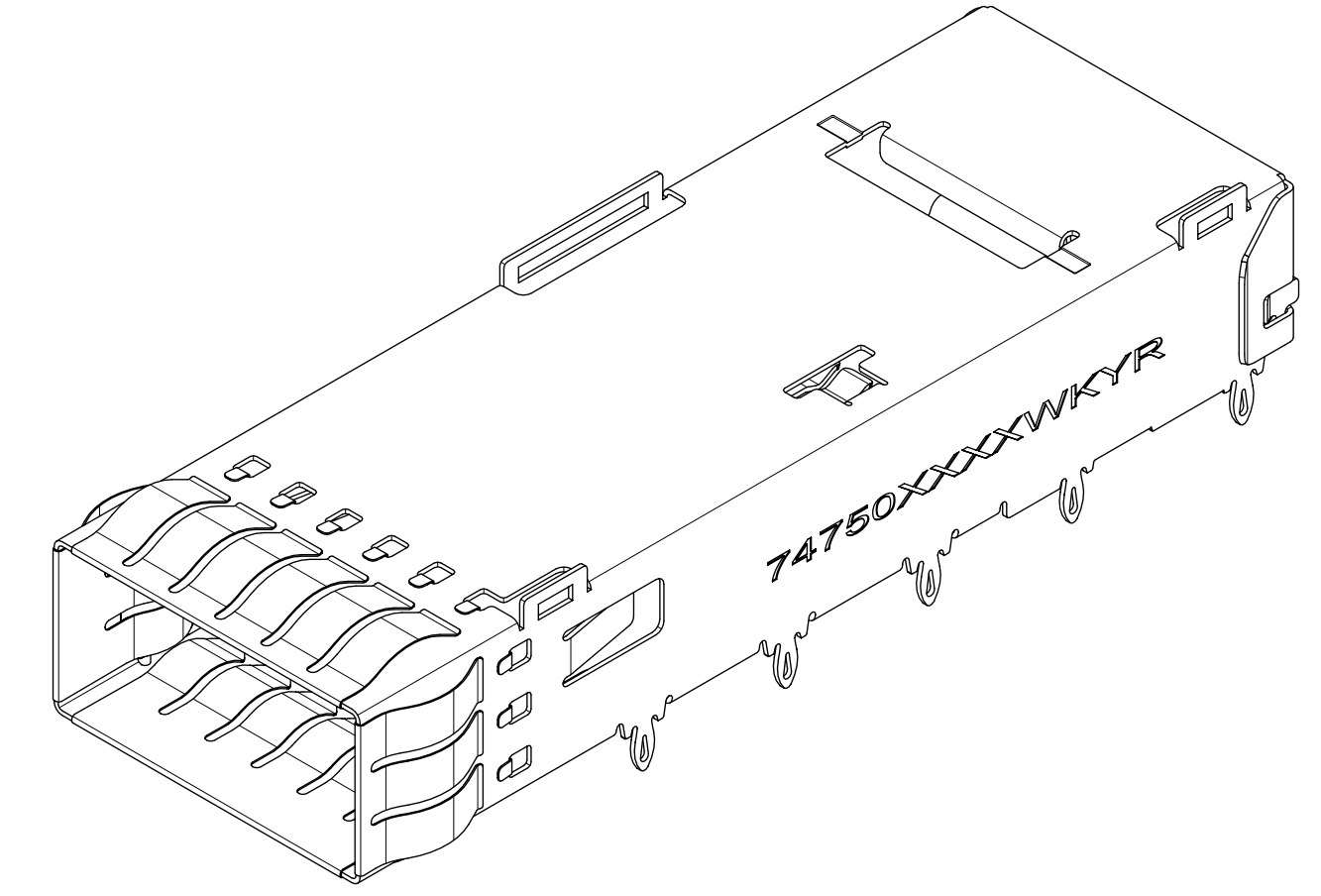
# PART NUMBER SELECTION



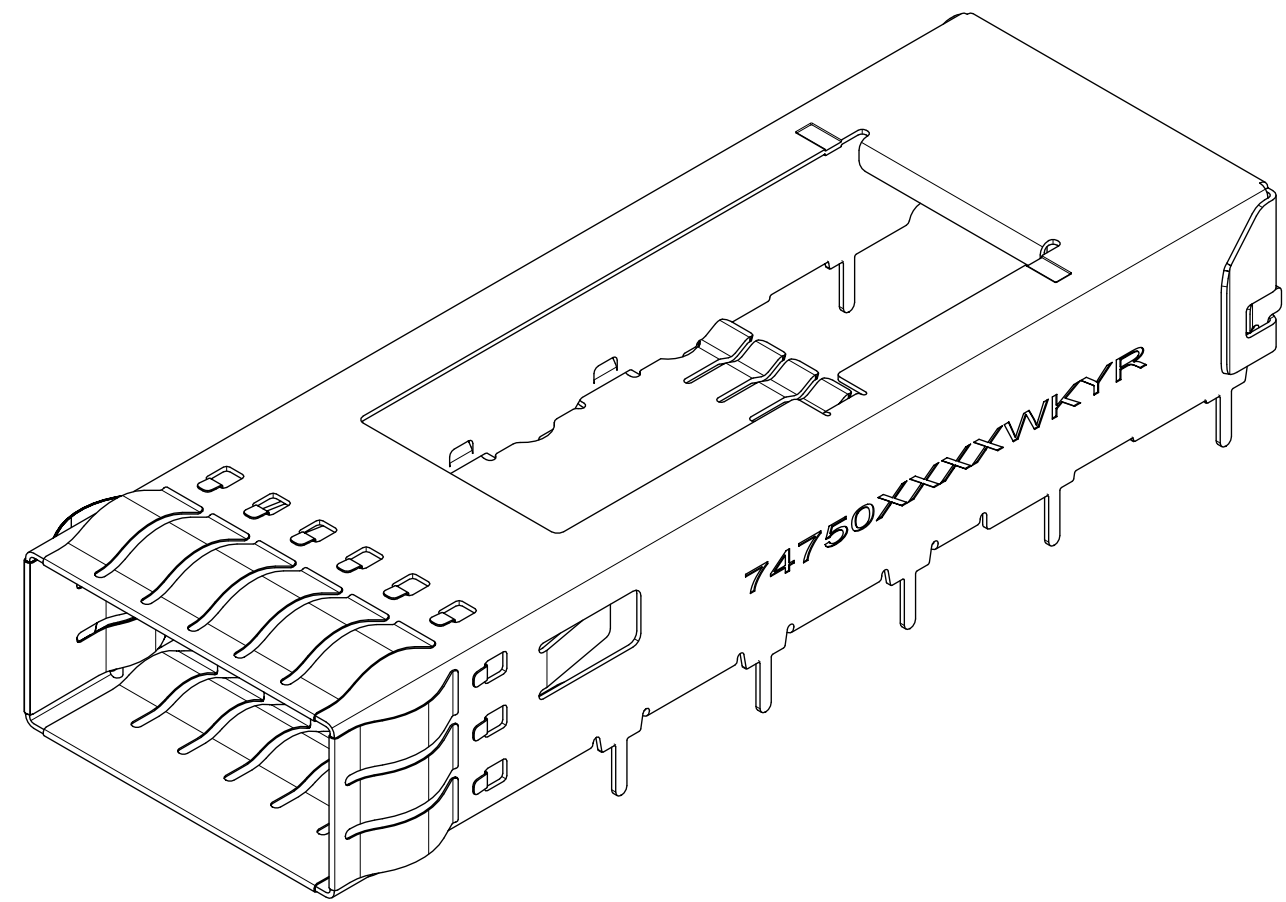
MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500051	2	SOLDER POST	1.90	NICKEL
747500053	2	SOLDER POST	1.90	MATTE TIN



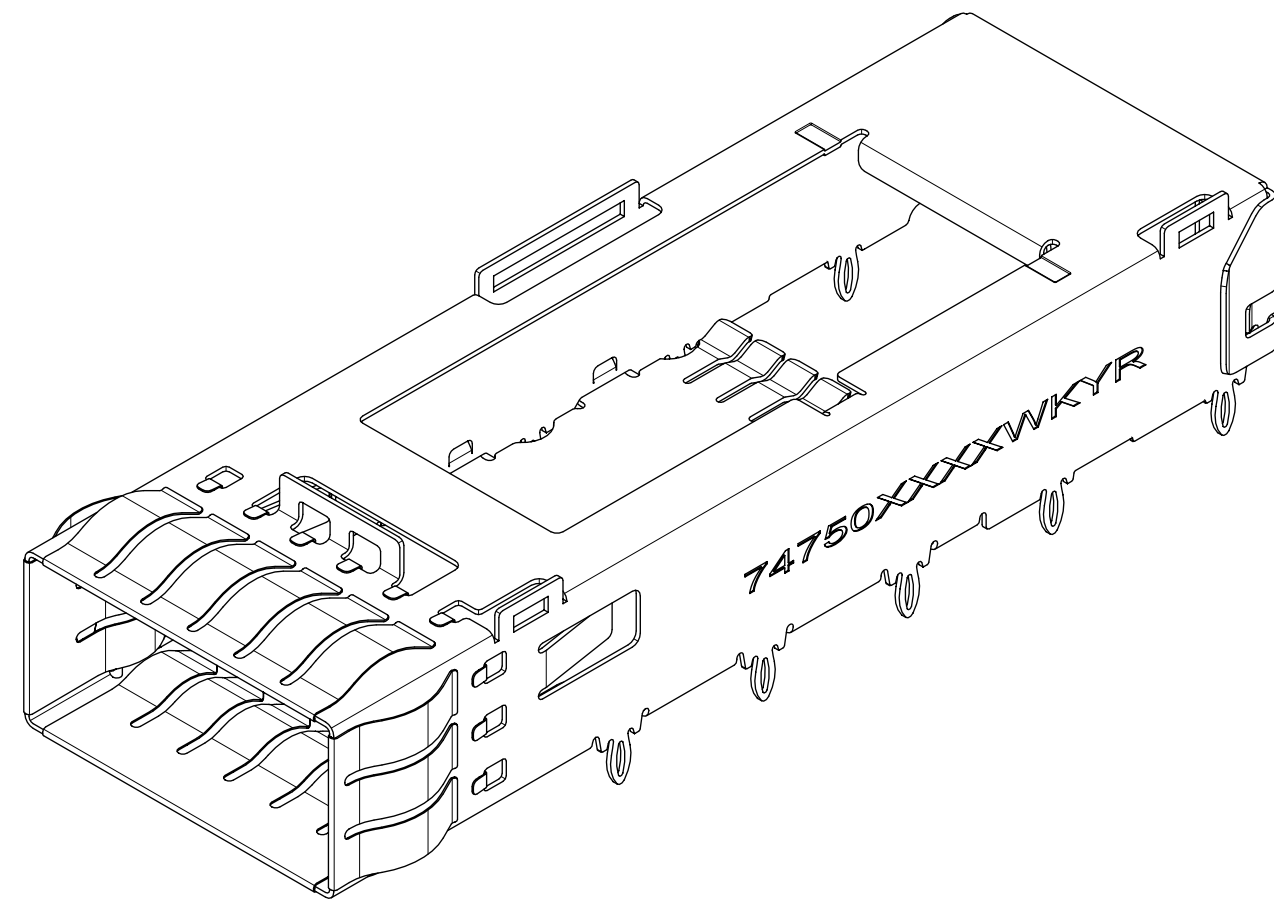
MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500024	2	PRESS FIT-EON	2.28	NICKEL



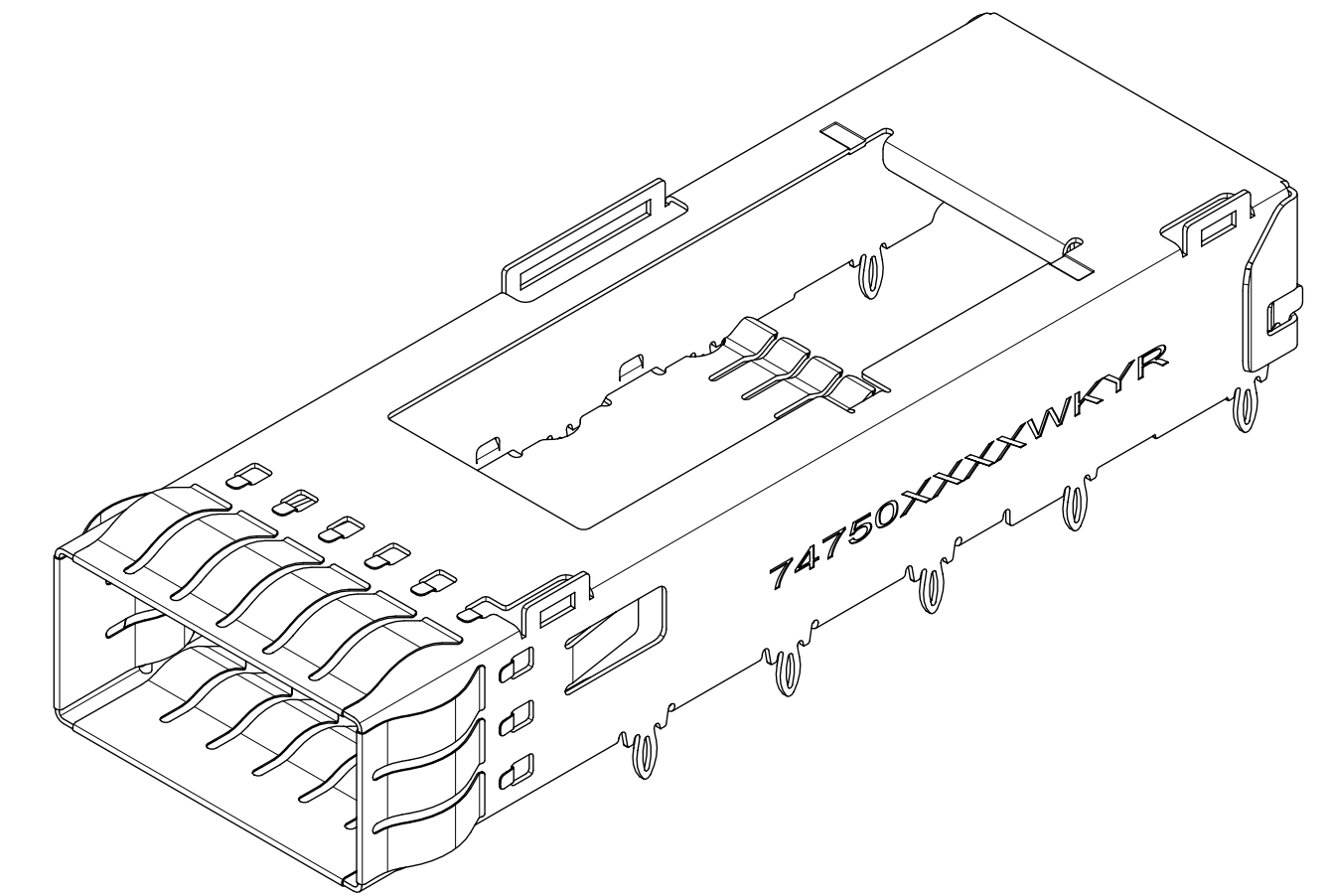
MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747501102	2	PRESS FIT-TD	2.28	NICKEL



MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500062	2	SOLDER POST	2.90	NICKEL



MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500092	2	PRESS FIT-EON	2.28	NICKEL
747500093	0	PRESS FIT-EON	2.28	NICKEL

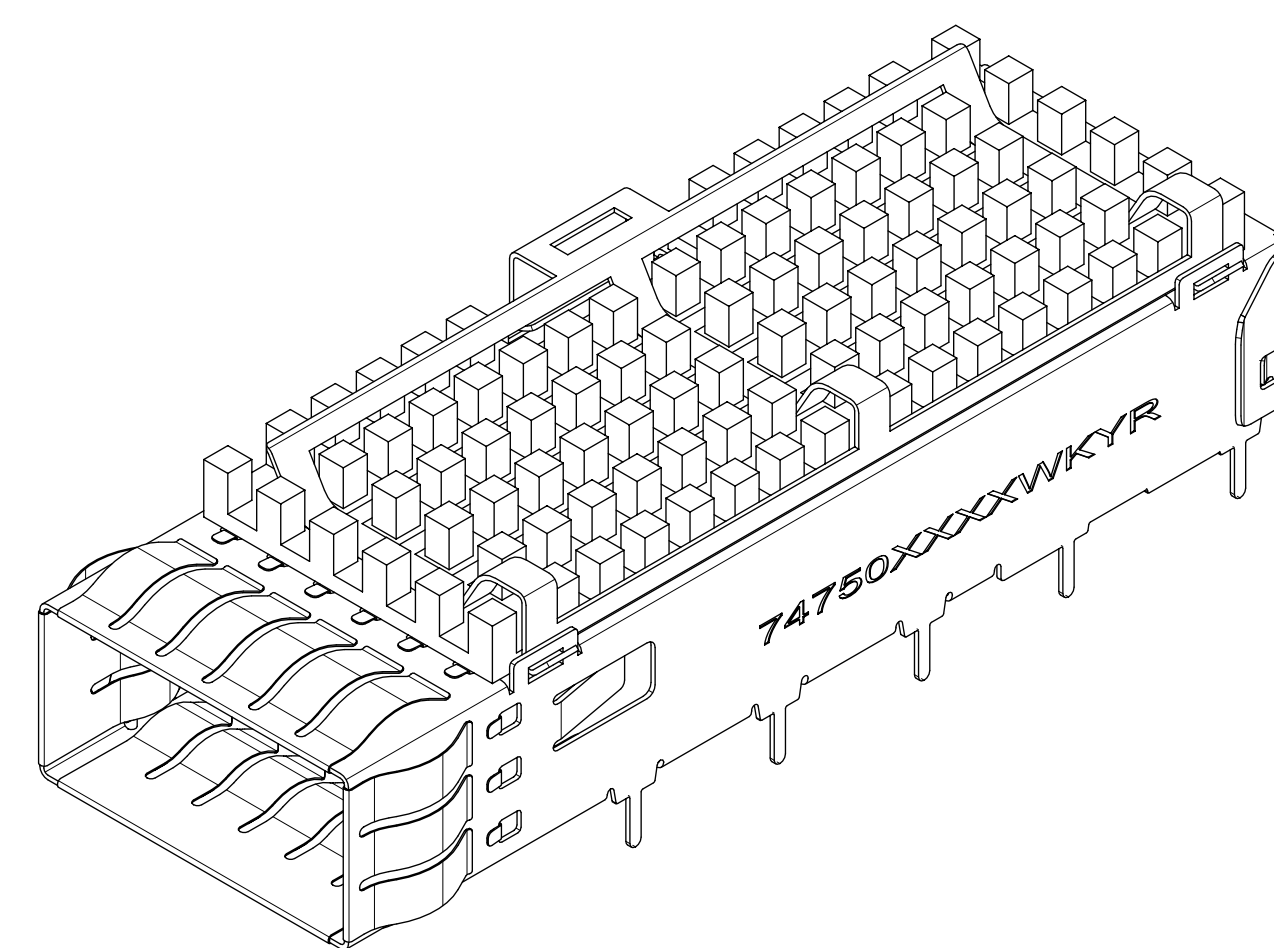
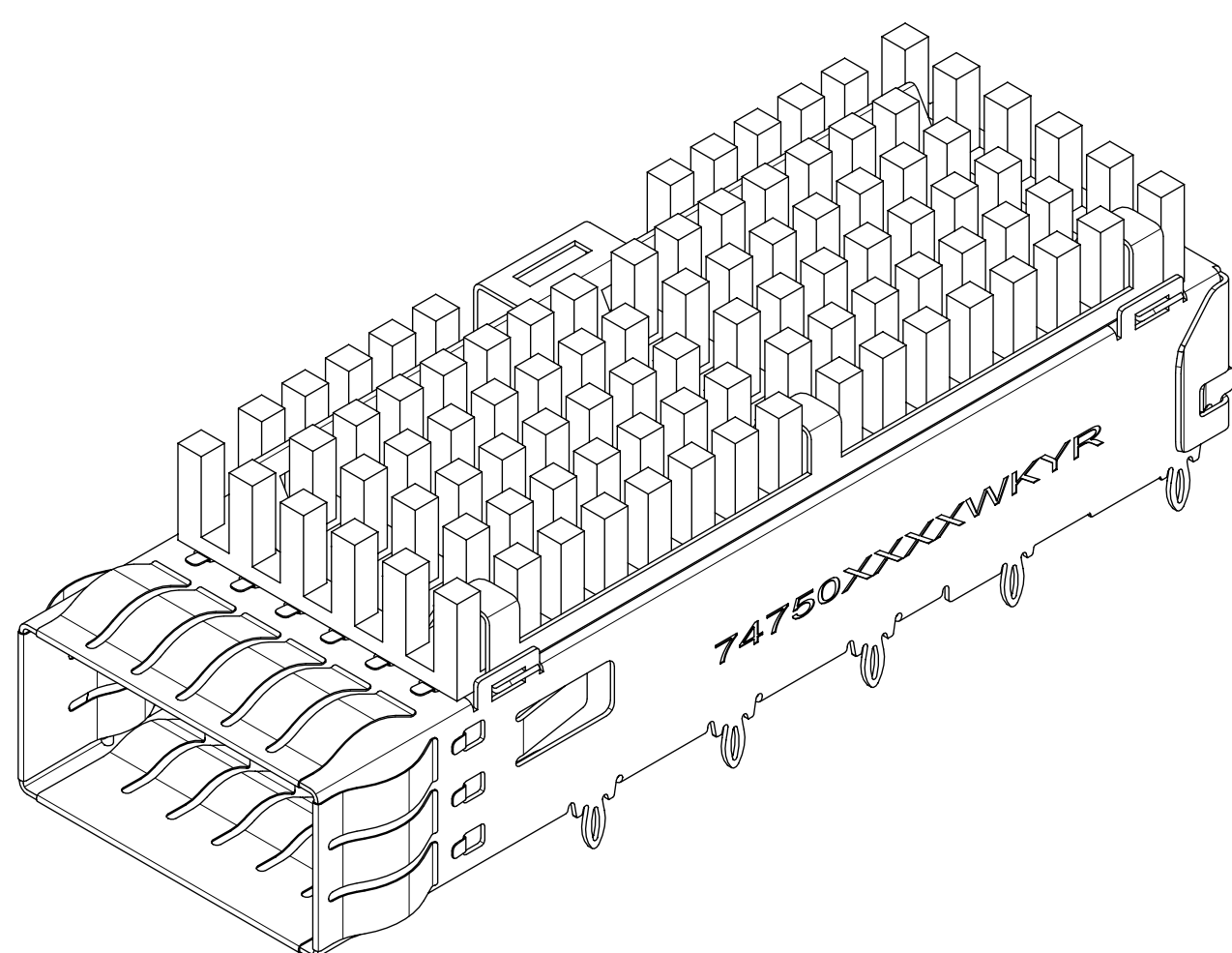
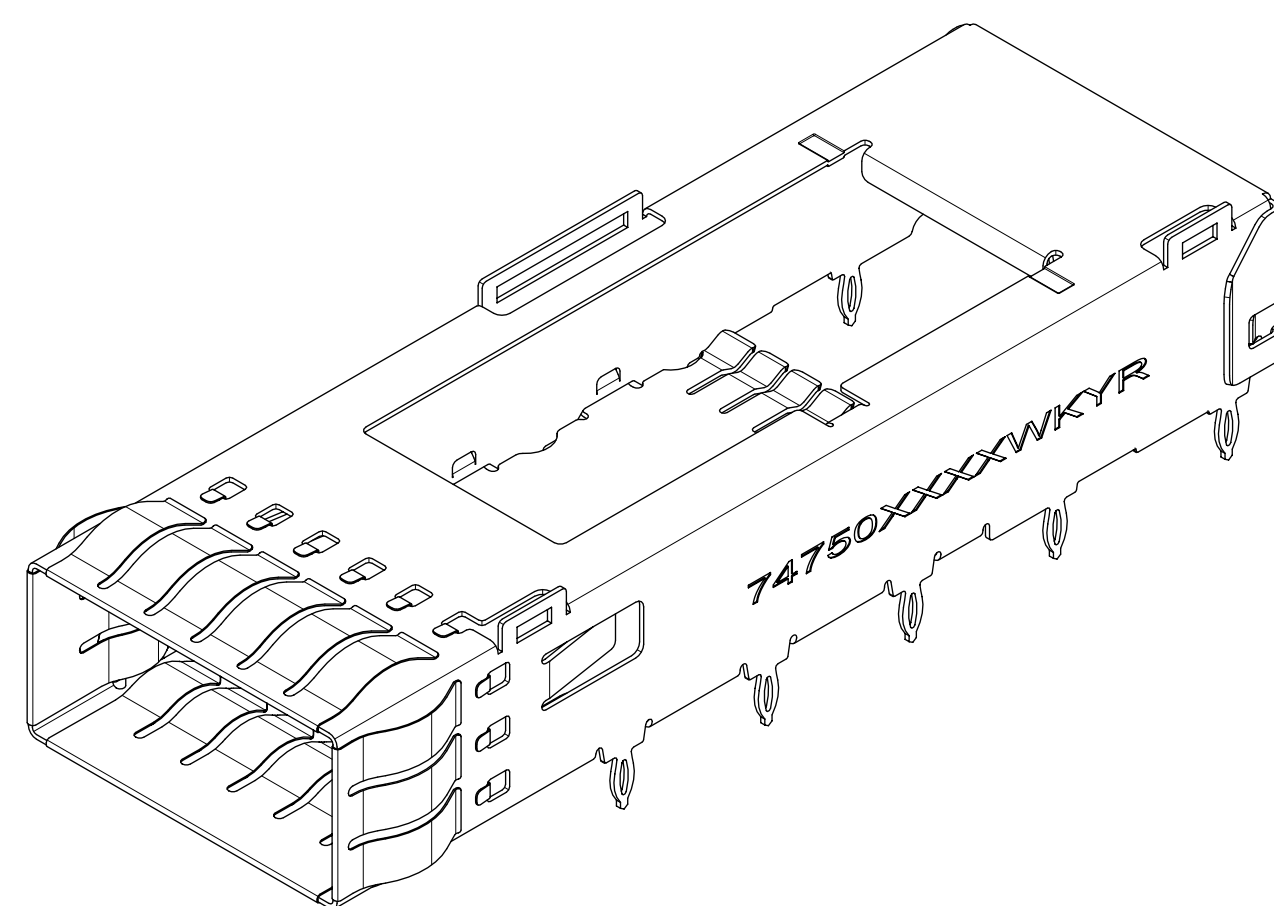


MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500021	2	PRESS FIT-EON	2.28	NICKEL
747500023	0	PRESS FIT-EON	2.28	NICKEL

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION AS PER PCN#509457

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER		<b>molex</b>	
mm	NTS	AS PER PCN#509457			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 680890		QSFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE	
ANGULAR TOL	± 1.0°	DRWN: SANTHN	2021/05/14	PRODUCT CUSTOMER DRAWING	
4 PLACES	±	CHK'D: GGA	2021/11/25	DOCUMENT NUMBER	
3 PLACES	±	APPR: GGA	2021/11/25	DOC PART	
2 PLACES	± 0.13	INITIAL REVISION:		REVISION	
1 PLACE	± 0.25	DRWN: SJKG	2016/06/23	747500021	
0 PLACES	±	APPR: RCHEN08	2017/06/05	PSD	ASY
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER
			D-SIZE	74750	5 OF 12
			MATERIAL NUMBER	CUSTOMER	
			GENERAL MARKET		


# PART NUMBER SELECTION (CONT)



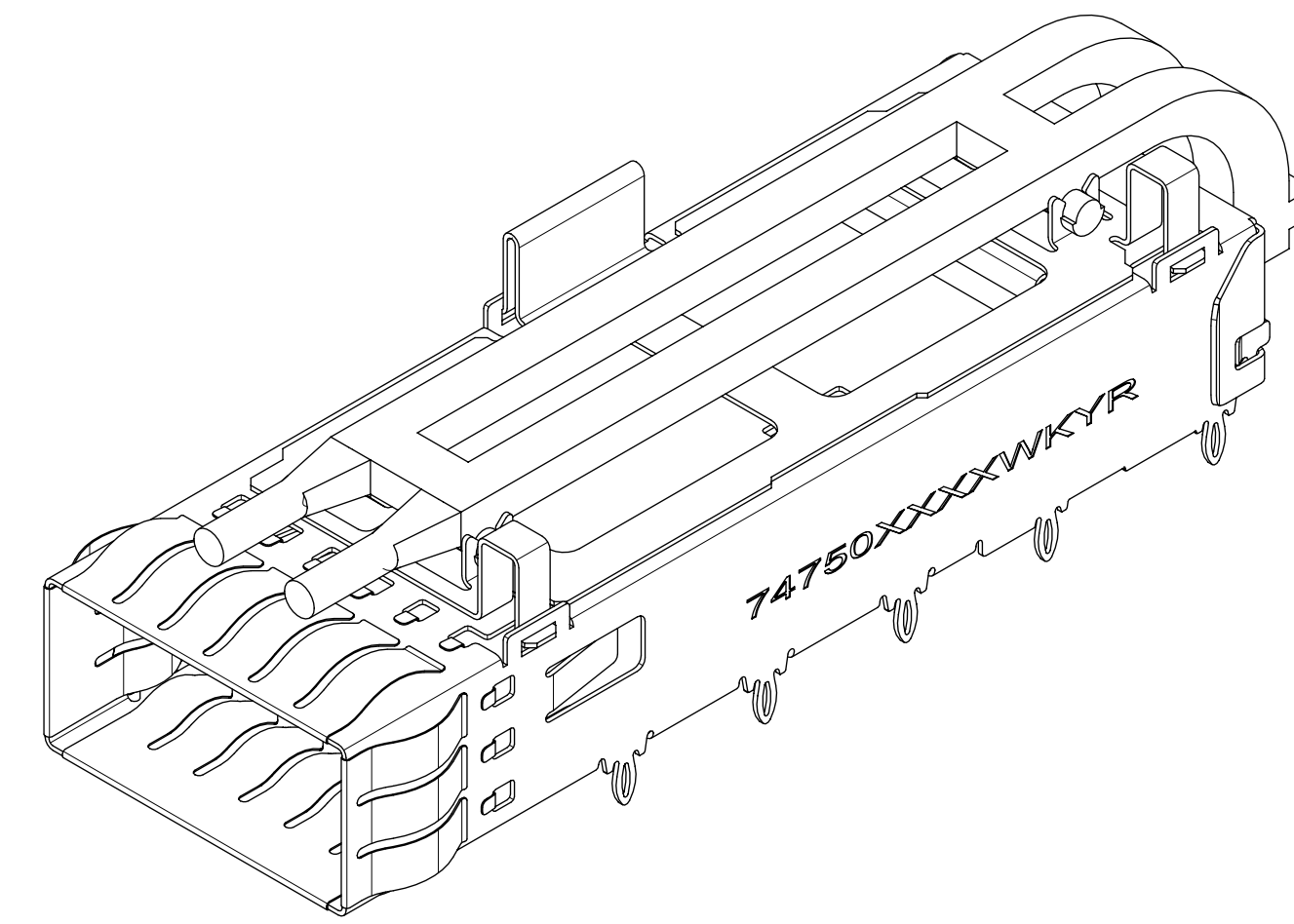
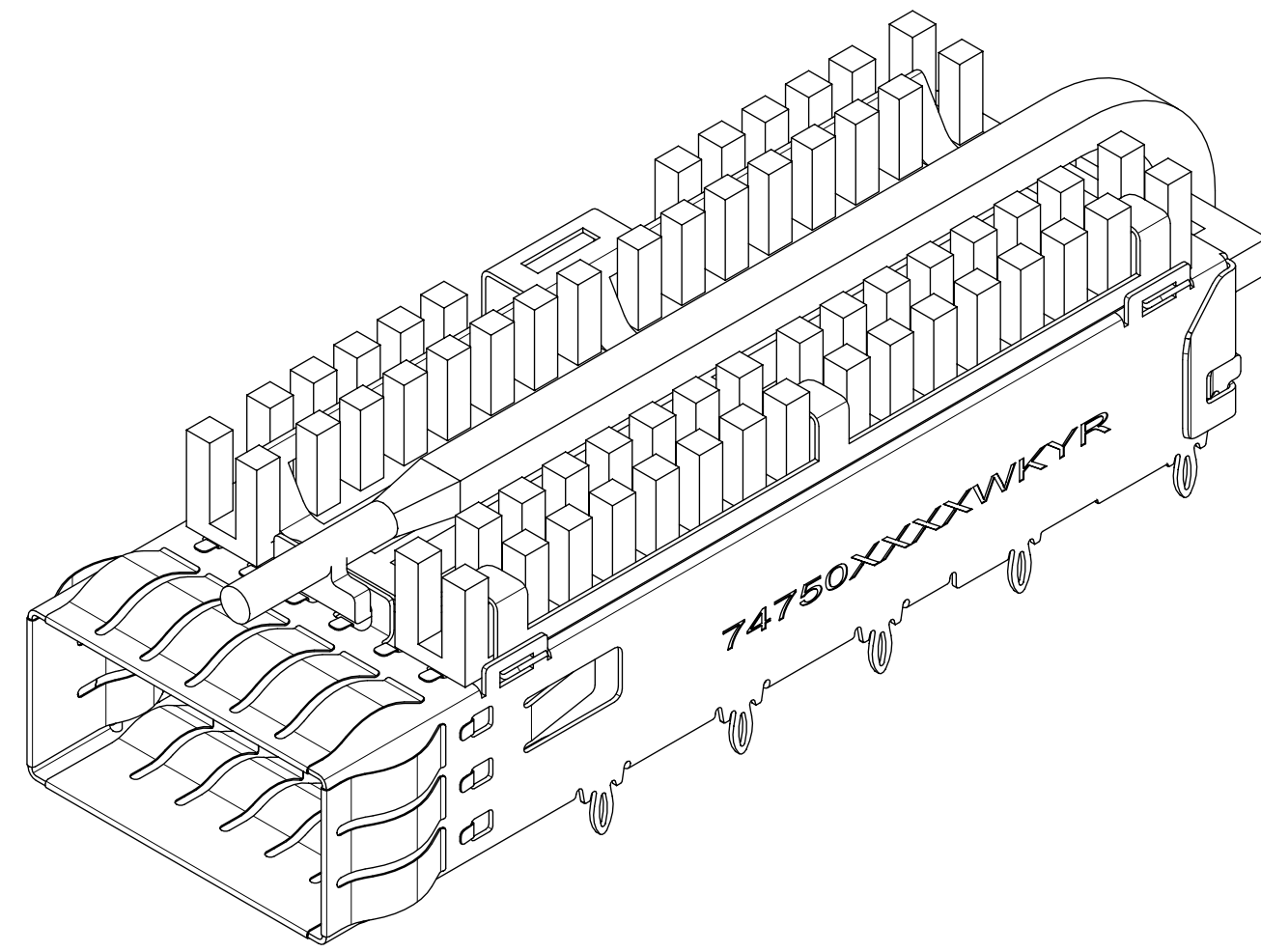
MOLEX P/N	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500012	2	PRESS FIT-EON	3.05	NICKEL

MOLEX P/N	HS	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500040	SAN	2	PRESS FIT-EON	2.28	NICKEL
747500044	PCI	2	PRESS FIT-EON	2.28	NICKEL
747500046	NET	2	PRESS FIT-EON	2.28	NICKEL

MOLEX P/N	HS	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	PLATING
747500057	PCI	2	SOLDER POST	2.90	NICKEL

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DIMENSION UNITS <b>mm</b>		SCALE <b>NTS</b>		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457							
GENERAL TOLERANCES (UNLESS SPECIFIED)						EC NO: 680890					
ANGULAR TOL ± 1.0°		4 PLACES ±		DRWN: SANTHN		2021/05/14		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: <b>747500021</b>   DOC TYPE: PSD   DOC PART: ASY   REVISION: N1			
3 PLACES ±		2 PLACES ± 0.13		CHK'D: GGA		2021/11/25					
1 PLACE ± 0.25		0 PLACES ±		APPR: GGA		2021/11/25		INITIAL REVISION: DRWN: SJKG   2016/06/23 APPR: RCHEN08   2017/06/05			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES					
				D-SIZE		74750		GENERAL MARKET		SHEET NUMBER 6 OF 12	

# PART NUMBER SELECTION (CONT)



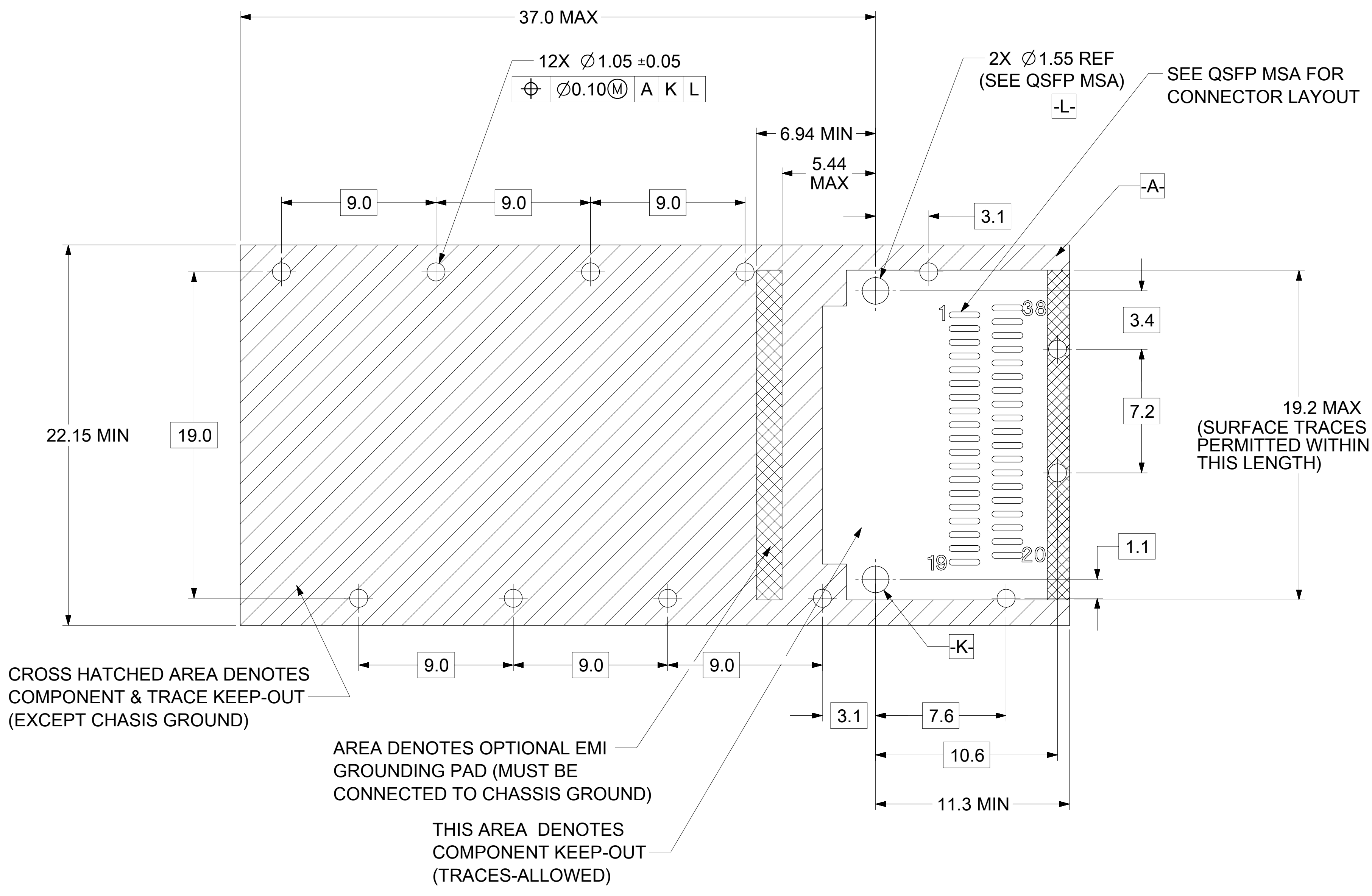
MOLEX P/N	MOLEX CAGE W/O HS ASSEMBLY P/N	LP SINGLE(747500403) DUAL(747500404)	TIP STYLE	HS	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	DIM "B"	PLATING
747500082	747500092	DUAL	ROUND	SAN	2	PRESS FIT-EON	2.28	60.25	NICKEL
747500083	747500092	DUAL	ROUND	NET	2	PRESS FIT-EON	2.28	60.25	NICKEL
747500086	747500093	DUAL	ROUND	SAN	0	PRESS FIT-EON	2.28	60.25	NICKEL
747500088	N/A	DUAL	ROUND	NET	2	PRESS FIT-TD	2.28	60.25	NICKEL

MOLEX P/N	MOLEX CAGE W/O HS ASSEMBLY P/N	LIGHT PIPE ASSEMBLY P/N	TIP STYLE	# OF REAR LEGS PER PORT	LEG TYPE	DIM "A"	DIM "B"	PLATING
747501586	747500024	747500031	ROUND	2	PRESS FIT-EON	2.28	60.25	NICKEL

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DIMENSION UNITS <b>mm</b>	SCALE <b>NTS</b>	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457	<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± 1.0°			QSFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE		
4 PLACES ±		EC NO: 680890	PRODUCT CUSTOMER DRAWING		
3 PLACES ±		DRWN: SANTHN 2021/05/14	DOCUMENT NUMBER		
2 PLACES ± 0.13		CHK'D: GGA 2021/11/25	747500021		
1 PLACE ± 0.25		APPR: GGA 2021/11/25	DOC TYPE	DOC PART	REVISION
0 PLACES ±		INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRWN: SJKG 2016/06/23			
		APPR: RCHEN08 2017/06/05			
			MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				GENERAL MARKET	7 OF 12

# PCB LAYOUT FOR SINGLE SIDED MOUNTING



CROSS HATCHED AREA DENOTES COMPONENT & TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

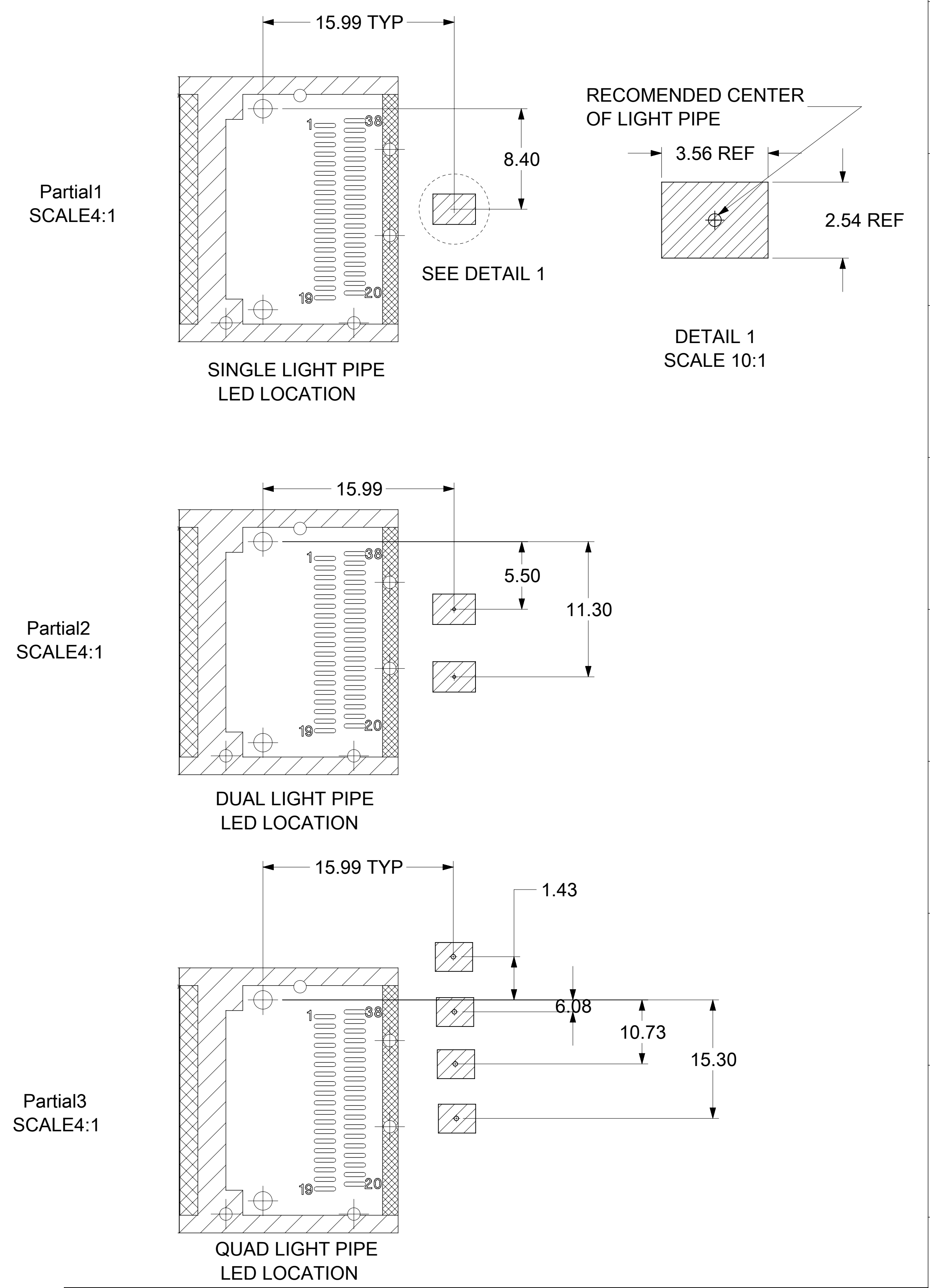
AREA DENOTES OPTIONAL EMI GROUNDING PAD (MUST BE CONNECTED TO CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES-ALLOWED)

SEE QSFP MSA FOR CONNECTOR LAYOUT

- NOTES:**
- DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA
  - FINISHED HOLE SIZE (AFTER PLATING)
  - DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA
  - DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA
  - SINGLE SIDED BOARD THICKNESS  
MINIMUM: 1.57 [0.061"] FOR 3.05MM & 2.90MM LEGS.  
MINIMUM: 1.44 [0.057"] FOR 2.28MM & 1.90MM LEGS.
  - LED SHOULD BE PLACED RELATIVE TO THE QSFP CONNECTOR POST HOLES.

# HOST CONNECTOR DETAIL



Partial1  
SCALE:4:1

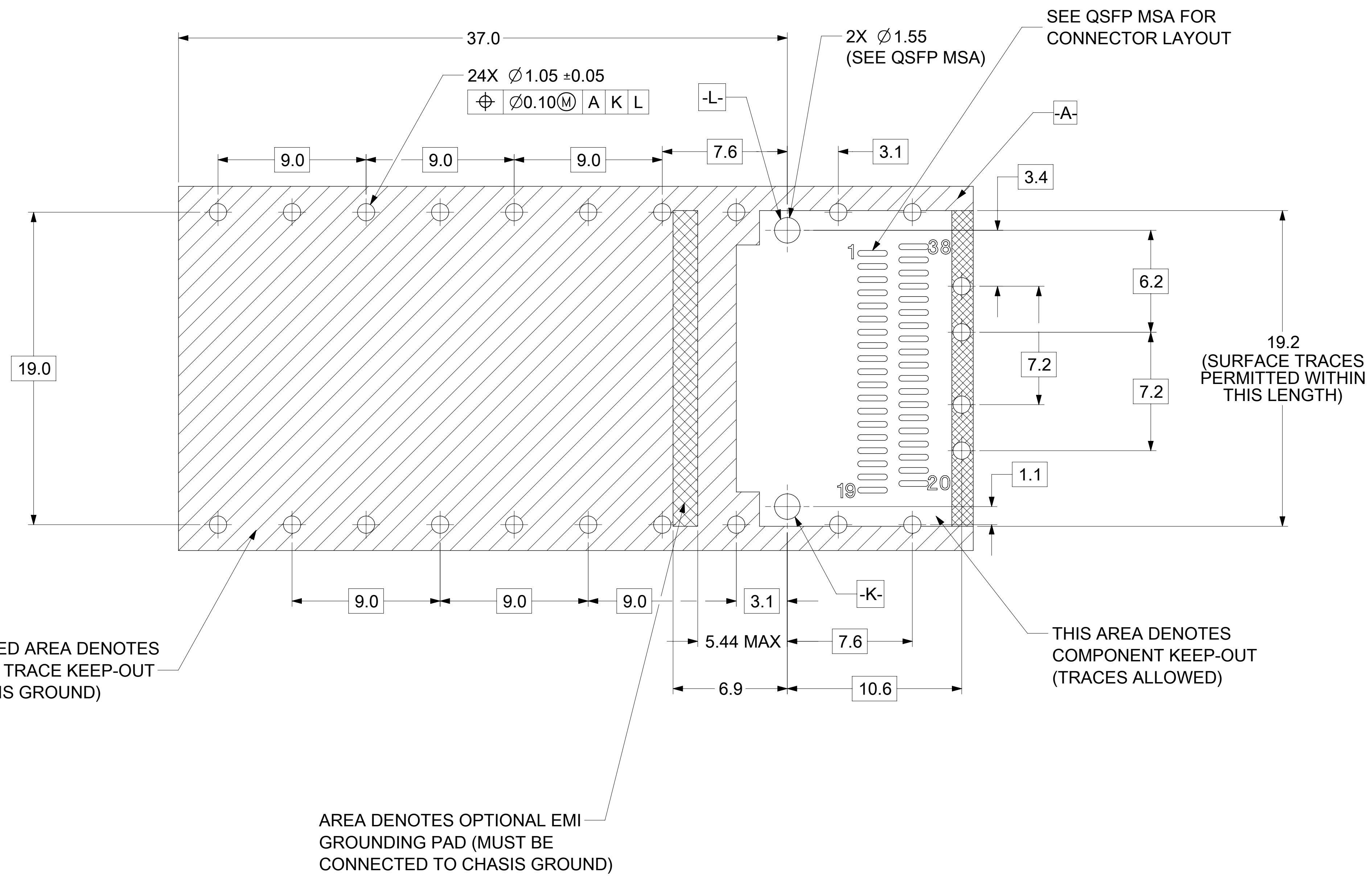
Partial2  
SCALE:4:1

Partial3  
SCALE:4:1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457							
mm	NTS	<div style="text-align: right; font-size: 2em; font-weight: bold;">molex</div> <p>QSFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE</p> <p>PRODUCT CUSTOMER DRAWING</p>							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 1.0°								
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.13								
1 PLACE	± 0.25	EC NO: 680890	2021/05/14						
0 PLACES	±	DRWN: SANTHN	2021/11/25						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		D-SIZE		74750		747500021		GENERAL MARKET	
DOCUMENT STATUS		RELEASE DATE		DOCUMENT NUMBER		DOC TYPE		SHEET NUMBER	
P1		2021/11/25 12:19:23		747500021		PSD ASY		N1	
								8 OF 12	



# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



**NOTE:**  
SEE PREVIOUS SHEET FOR  
HOST CONNECTOR DETAIL  
AND LED LOCATION DETAILS

CROSS HATCHED AREA DENOTES  
COMPONENT & TRACE KEEP-OUT  
(EXCEPT CHASIS GROUND)

AREA DENOTES OPTIONAL EMI  
GROUNDING PAD (MUST BE  
CONNECTED TO CHASIS GROUND)

THIS AREA DENOTES  
COMPONENT KEEP-OUT  
(TRACES ALLOWED)

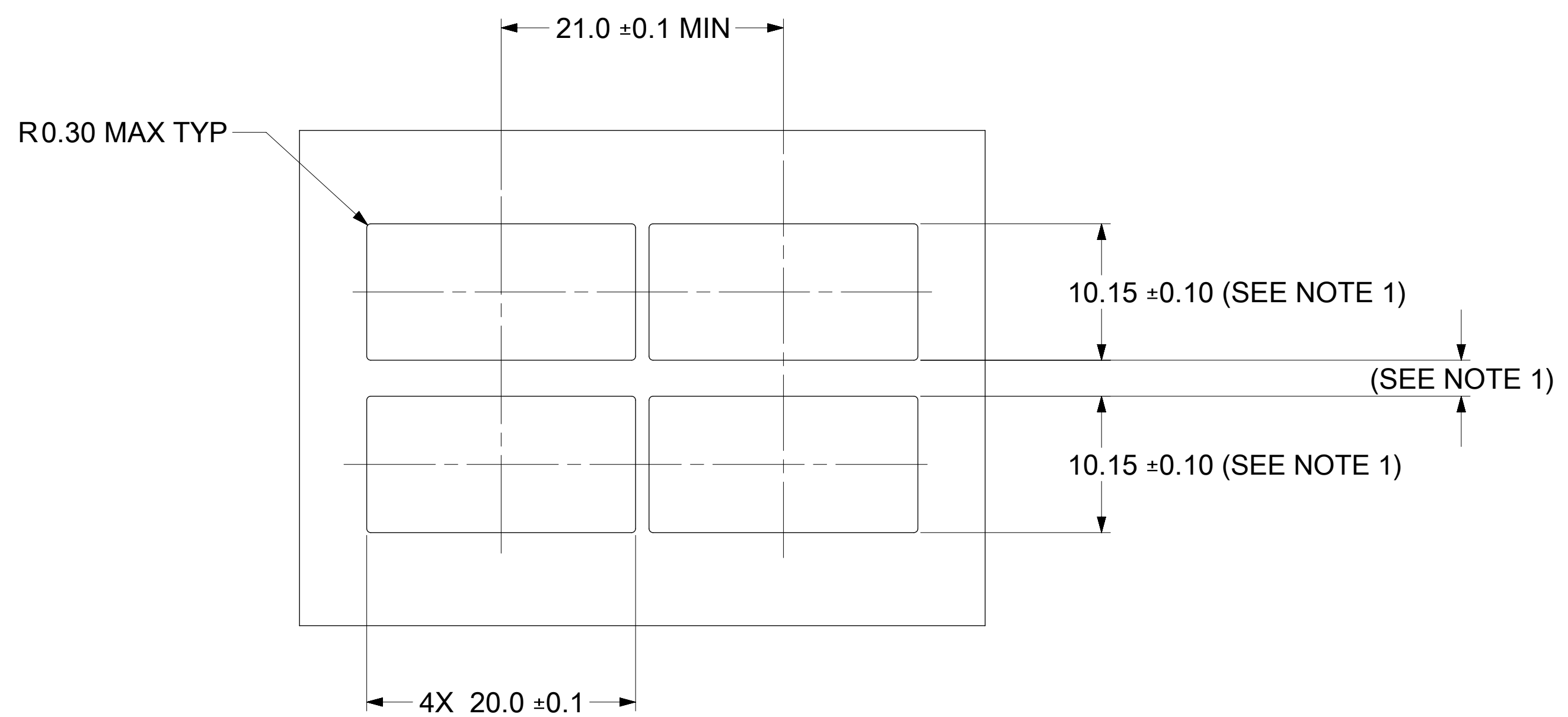
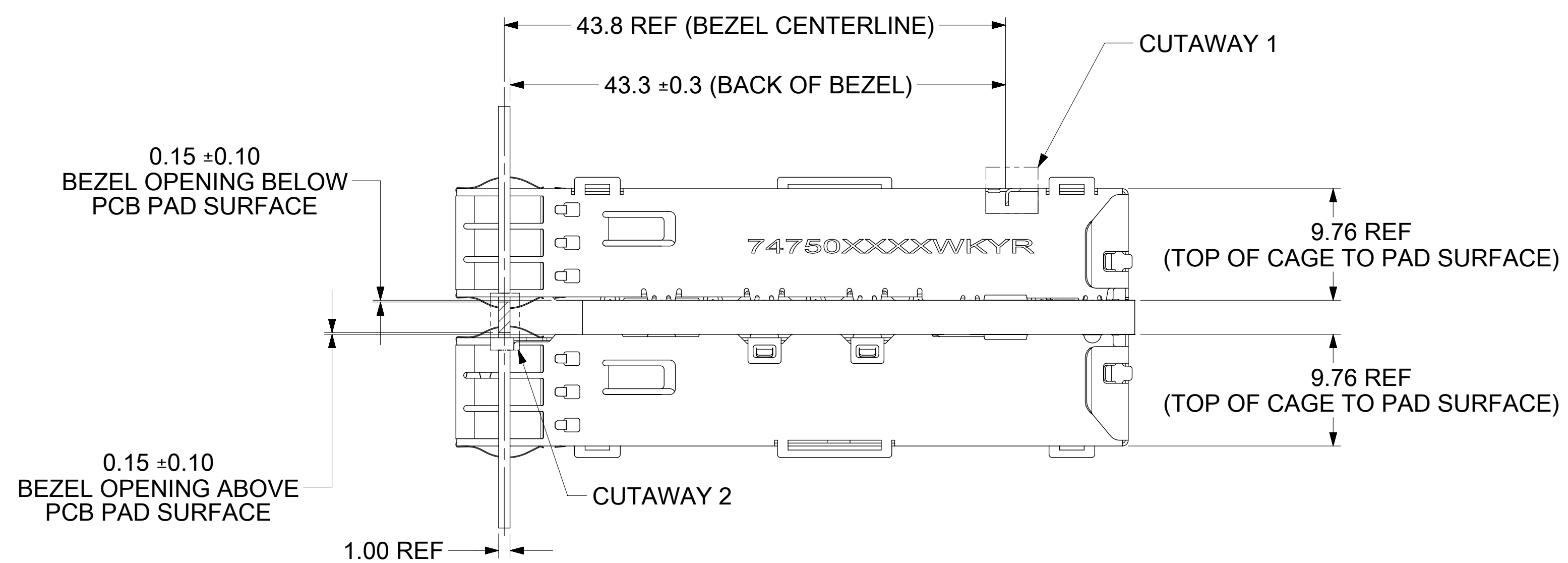
## NOTES:

- DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA.
- FINISHED HOLE SIZE (AFTER PLATING).
- DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA.
- DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA.
- BELLY TO BELLY BOARD THICKNESS:  
MINIMUM: 3.00 [0.118"] FOR 3.05MM LEGS.  
MINIMUM: 2.07 [0.081"] FOR 2.28MM LEGS.  
1.90MM AND 2.90MM SOLDER POST LEGS CANNOT BE MOUNTED BELLY TO BELLY

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

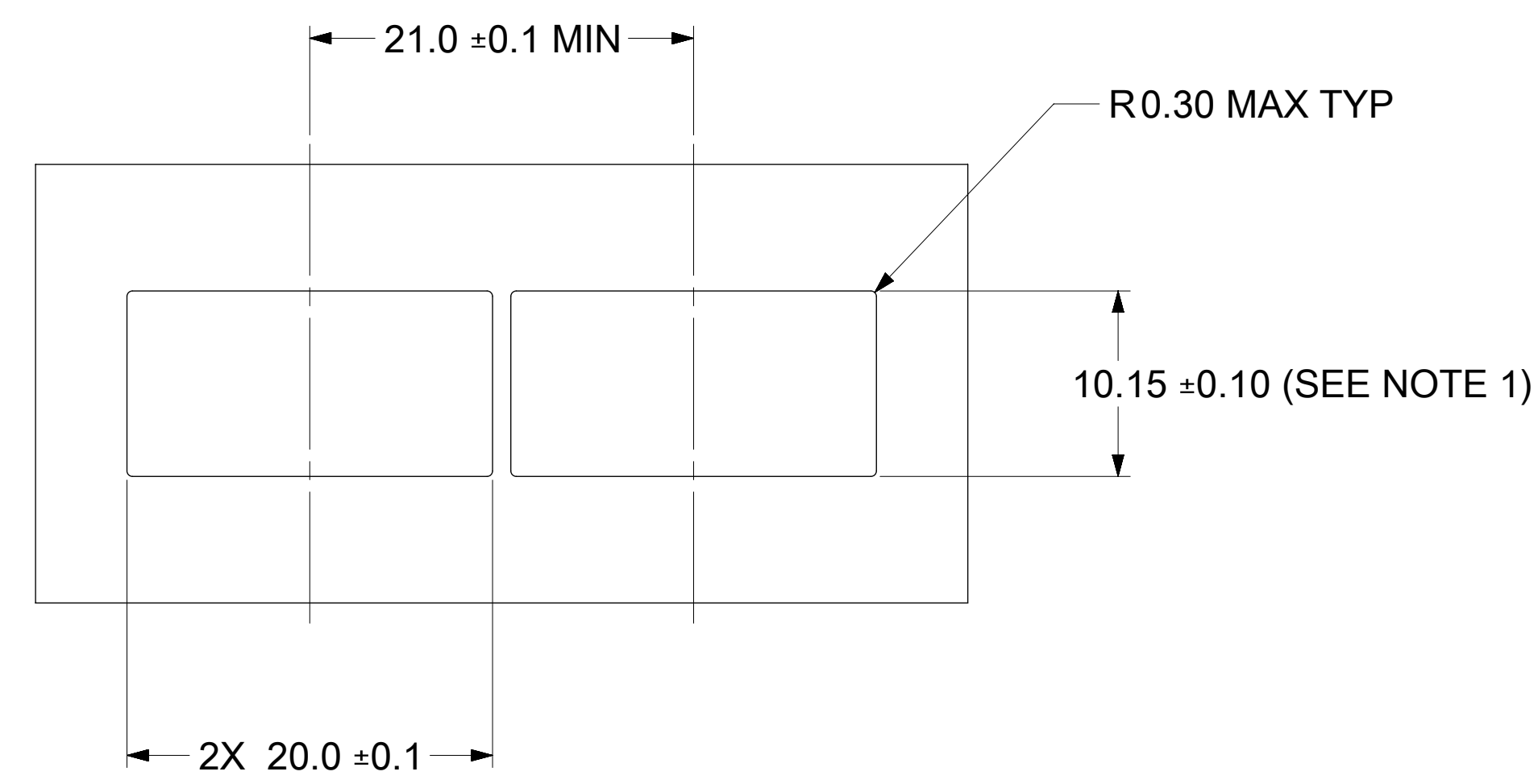
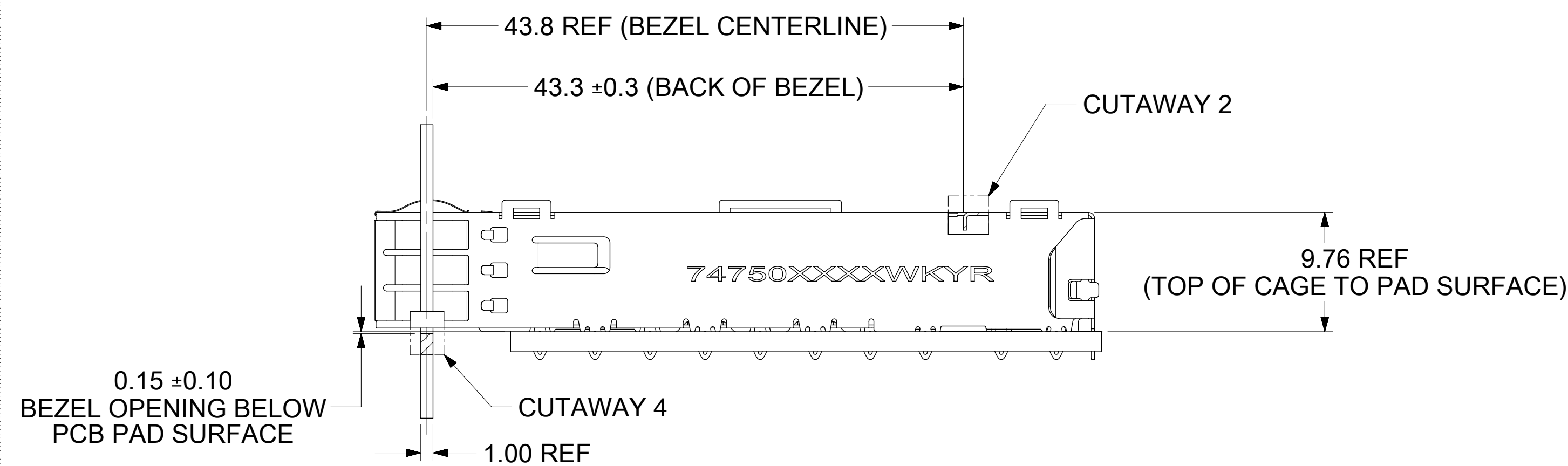
DIMENSION UNITS	SCALE	CURRENT REV DESC:	OBSOLETE PART NUMBER			
mm	NTS	AS PER PCN#509457				
GENERAL TOLERANCES (UNLESS SPECIFIED)						<p>QSFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE</p> <p>PRODUCT CUSTOMER DRAWING</p>
ANGULAR TOL	± 1.0°					
4 PLACES	±	EC NO: 680890				
3 PLACES	±	DRWN: SANTHN	2021/05/14			
2 PLACES	± 0.13	CHK'D: GGA	2021/11/25			
1 PLACE	± 0.25	APPR: GGA	2021/11/25			
0 PLACES	±	INITIAL REVISION:				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SJKG	2016/06/23			DOCUMENT NUMBER <b>747500021</b>
		APPR: RCHEN08	2017/06/05			
		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	DOC TYPE
			D-SIZE	74750		DOC PART
		GENERAL MARKET		CUSTOMER		REVISION
						PSD ASY N1
						SHEET NUMBER
						9 OF 12

# BOARD POSITION AND BEZEL DIMENSIONS FOR BELLY TO BELLY MOUNTING



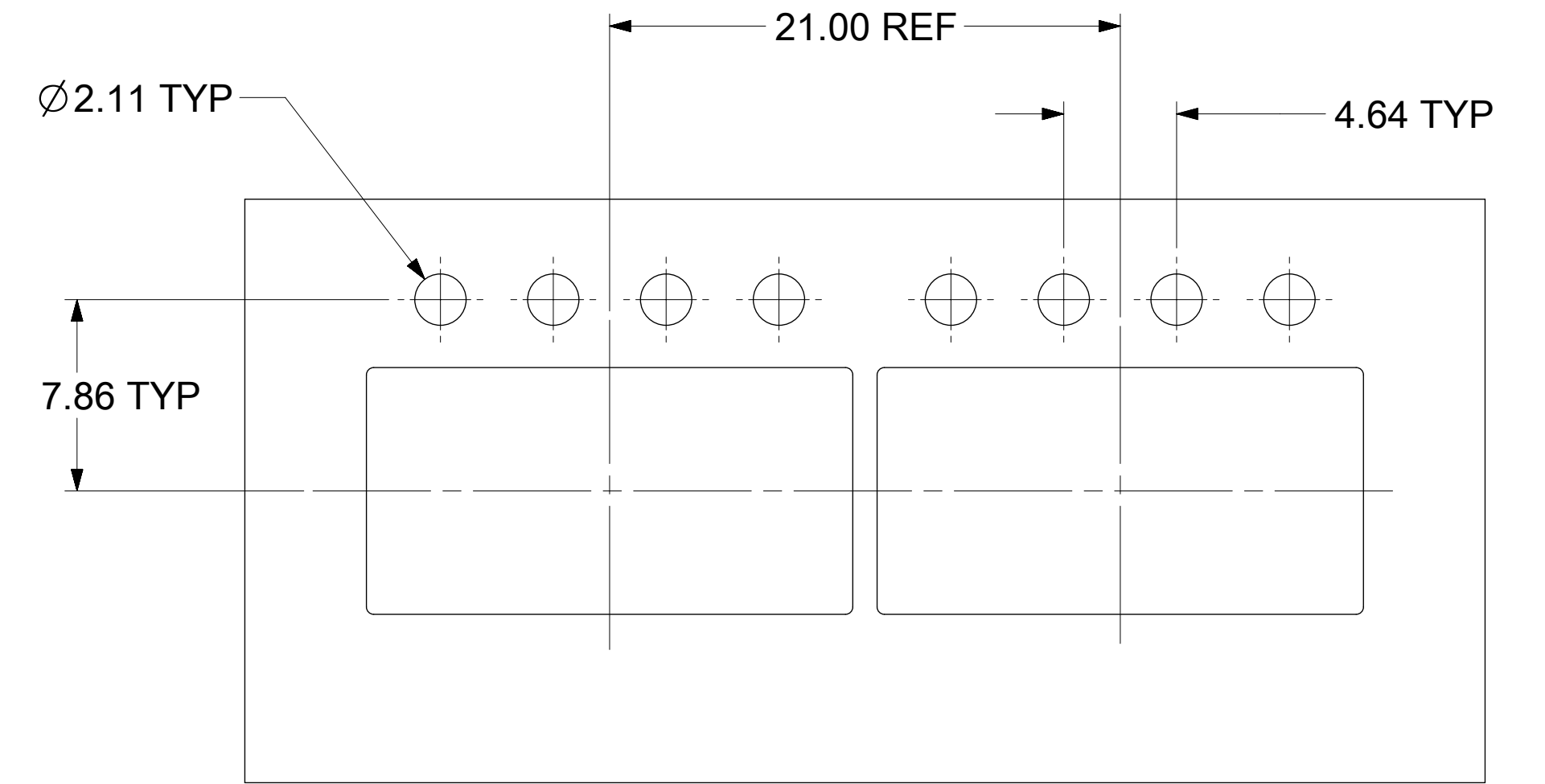
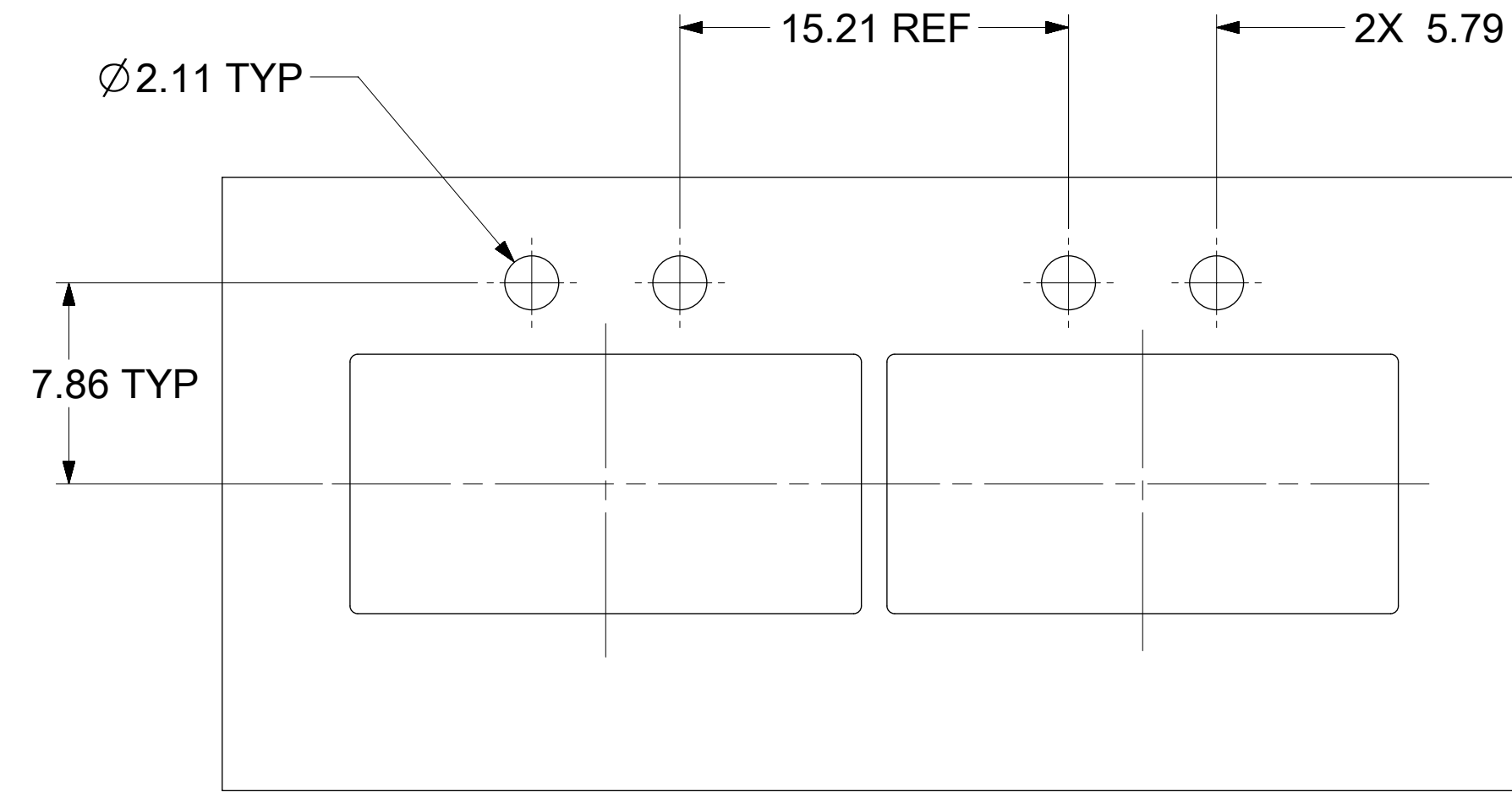
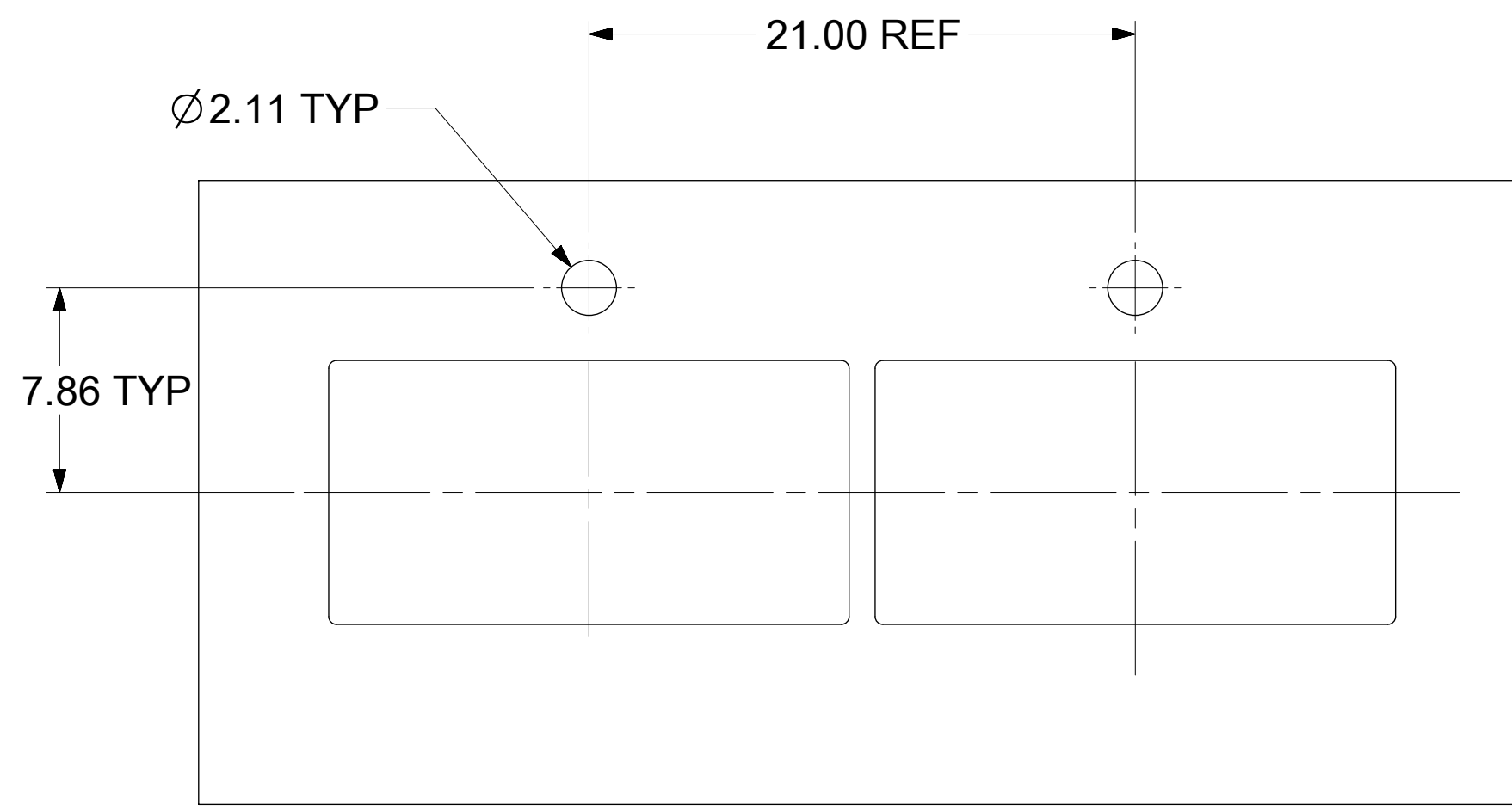
NOTE:  
 1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMING BEZEL OPENING, SIZE, AND LOCATION.  
 2. SEE QSFP MSA SPECIFICATION FOR BEZEL LOCATION TOLERANCE.


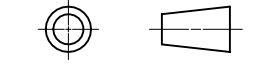
# BOARD POSITION AND BEZEL DIMENSIONS FOR SINGLE SIDE MOUNTING



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>NTS</b>		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 680890									
ANGULAR TOL ± 1.0°				DRWN: SANTHN 2021/05/14				QSF+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE PRODUCT CUSTOMER DRAWING					
4 PLACES ±				CHK'D: GGA 2021/11/25									
3 PLACES ±				APPR: GGA 2021/11/25				DOCUMENT NUMBER					
2 PLACES ± 0.13				INITIAL REVISION:				747500021		PSD		AS Y	
1 PLACE ± 0.25				DRWN: SJKG 2016/06/23				747500021		N1		REVISION	
0 PLACES ±				APPR: RCHEN08 2017/06/05				747500021		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				D-SIZE		74750		GENERAL MARKET		10 OF 12			

# LIGHT PIPE CUTOUT DIMENSIONS



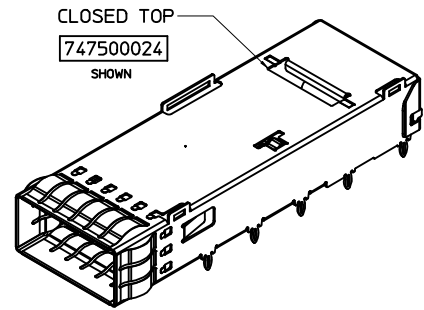
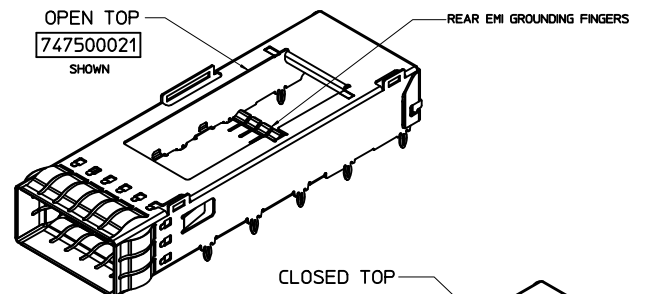
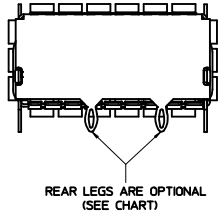
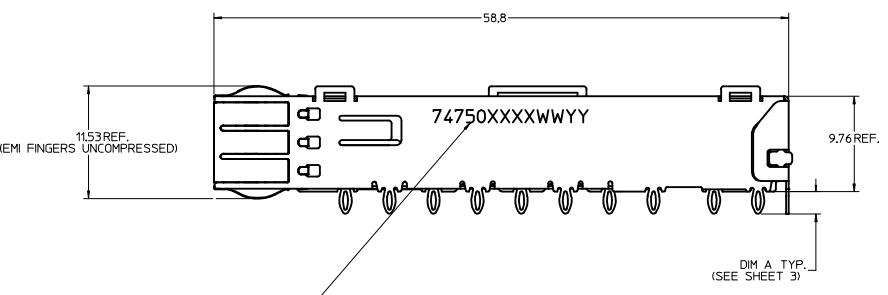
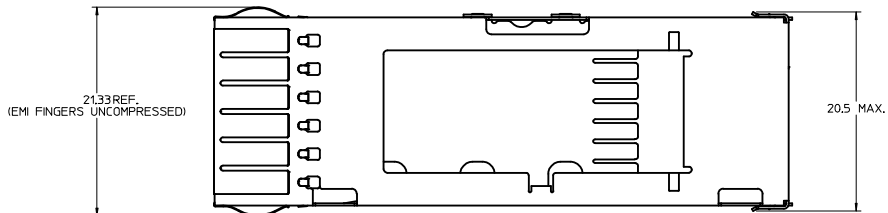
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457							
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 680890 DRWN: SANTHN 2021/05/14 CHK'D: GGA 2021/11/25 APPR: GGA 2021/11/25 INITIAL REVISION: DRWN: SJKG 2016/06/23 APPR: RCHEN08 2017/06/05				
ANGULAR TOL ± 1.0°									
4 PLACES ±									
3 PLACES ±									
2 PLACES ± 0.13									
1 PLACE ± 0.25					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES ±					747500021		PSD	ASY	N1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
			D-SIZE	74750			GENERAL MARKET		11 OF 12

REV	DATE	DESCRIPTION
A	2007/07/23	1) INITAL RELEASE
B	2007/08/06	1)CHANGED ALL TANGENT LINES FROM DASHED LINES TO SOLID LINES
C	2007/08/10	1) ADDED COMPONENT P/N COLUMN TO TABLE 2) ADDED "COMPONENT" TO NOTE IN BOTTOM VIEW ON SHEET 1 3) CHANGED TEXT IN MATERIAL NO. SECTION OF TITLE BLOCK TO READ "SEE TABLE"
D	2008/07/10	1) REMOVED COMMENTS FROM TABLE ON SHEET 1 2) ADDED "HOLES OPTIONAL" NOTE TO PCB LAYOUT ON SHEET 2 AND SHEET 3 3) ADDED 747500024 TO TABLE ON SHEET 1 AS WELL AS ISO VIEW 4) UPDATED "COMPONENT PART NUMBER AND DATE CODE" NOTE ON SHEET 1
E	2008/12/16	1) 20.4 DIMENSION WAS 20.38 REF. 2) 58.8 DIMENSION WAS 58.80 REF. 3) 2.28 TYP. DIMENSION WAS 2.28 REF. 4) 15.4 DIMENSION WAS 15.40 REF.
F	2009/04/13	1) REVISED COMPONENT P/N FOR MOLEX P/N 747500024 (CHANGED FROM 747540104 TO 747500104)
G	2010/10/29	1) 20.5 MAX DIMENSION WAS 20.4 2) 19.2 MAX DIMENSION WAS 16.2 MAX
H	2011/04/05	1) ADDED PRINTED DATE CODE TO LEFT SIDE OF CAGE AND ASSOCIATED NOTES. 2) ADDED CUTAWAY 1 AND CRITICAL TO FUNCTION DIMENSION 29.88 <input checked="" type="checkbox"/> 3) REMOVED 74750 FROM BOTTOM OF CAGE, SHEET 1. 4) UPDATED RoHS NOTE (NOTE 5) TO "LEAD FREE, NO RoHS EXEMPTIONS" ON SHEET 1. 5) ADDED END VIEW, SHEET 1.
I	2012/04/13	1) ADDED 747500012 TO P/N TABLE, SHEET 1. 2) UPDATED BELLY-TO-BELLY CAGE VIEW, SHEET 3. 3) ADDED BELLY-TO-BELLY BEZEL AND DIMENSIONS, SHEET 3.
J	2013/01/10	1) ADDED 747500057 AND 747500058 INTO P/N TABLE, SHEET 3. 2) REARRANGE EACH SHEET
K	2013/04/09	1) ADDED P/N 747500062 TO CHART ON PAGE 3. 2) UPDATED DIMENSION 9.77 TO 9.76 BY CORRECTING PLACEMENT ON VIEWS SHEET 6.
L	2014/12/11	1) ADDED P/N 747501586 AND ISO VIEW TO SHEET 3.
M	2017/05/31	REMASTERED FROM SD-74750-0021 REV_L TO 747500021 PDD ASY. COMBINED SD-74750-0070, 0092, 1100, & 1140 WITH 747500021 PDD ASY. SHEET 6: G06: ADDED NEW FG 747500059 TO P/N TABLE
M1	2017/06/08	CHANGED THE DOCUMENT TYPE FROM RSD TO SD
N	2017/09/27	SHEET 6: G06: ADDED NEW P/N 747500063 TO P/N TABLE
N1	2021/05/14	REMOVED OBSOLETE P/N 747500059, 747500063, 747501580, 747501581, 747501582, 747501583, 747501584, 747501585, 747500080, 747500081, 747500084, 747500085, 747500087, 747500042, 747500059, 747500063, 747501140, 747501141, 747501142, 747501143, 747500056, 747501103, 747500058, 747501100, 747501101.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION AS PER PCN#509457											
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457				<b>molex</b>			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)								QSFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGER TYPE			
ANGULAR TOL ± 1.0°											
4 PLACES		±		EC NO: 680890		2021/05/14		PRODUCT CUSTOMER DRAWING			
3 PLACES		±		DRWN: SANTHN		2021/11/25					
2 PLACES		± 0.13		CHK'D: GGA		2021/11/25					
1 PLACE		± 0.25		APPR: GGA		2021/11/25		DOCUMENT NUMBER <b>747500021</b>			
0 PLACES		±		INITIAL REVISION:		2016/06/23				DOC TYPE PSD	
				DRWN: SJKG		2017/06/05				DOC PART ASY	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION N1			
				D-SIZE		74750		MATERIAL NUMBER			
				GENERAL MARKET				CUSTOMER			
								SHEET NUMBER 12 OF 12			

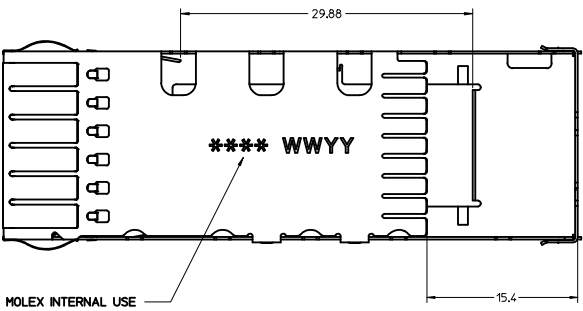
# CAGE DETAILS

(APPLIES TO ALL CAGES IN THIS DRAWING)



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON SIDE OF COMPLETED CAGE ASSEMBLY AS SHOWN.

WEEK/YEAR DATE CODE TABLE	
WW	01 THRU 52 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YY	11, 12, 13 ETC. EXAMPLE: YEAR 2013 = 13



**NOTES:**

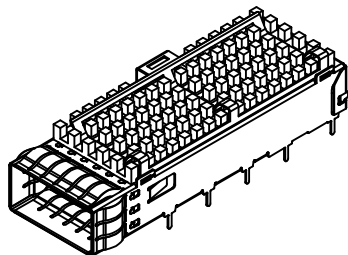
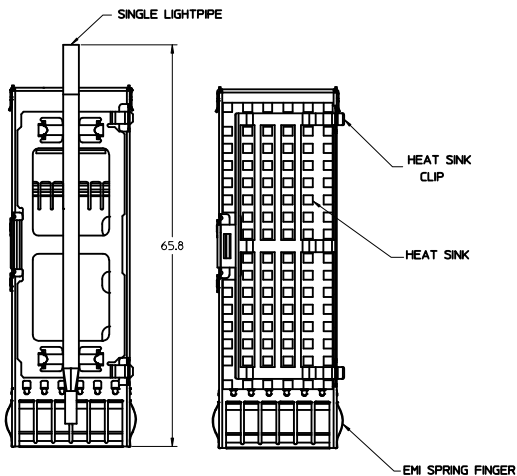
- PRESS FIT LEGS 2.28 / 3.05 mm LONG
- SOLDER POST LEGS 1.90 / 2.90 mm LONG
- SINGLE SIDED BOARD THICKNESS  
NOMINAL: 1.60  
MINIMUM: 1.44  
BELLY TO BELLY BOARD THICKNESS  
NOMINAL: 2.30  
MINIMUM: 2.07
- MATERIAL: COPPER ALLOY (PLATED PRIOR TO CUTTING AND FORMING)  
CAGE: 0.25 mm THICK COPPER ALLOY, NICKEL PLATED OR TIN  
SPRING FINGER: 0.08 mm THICK COPPER ALLOY, NICKEL PLATED  
HEAT SINK CLIP: STAINLESS STEEL  
LIGHT PIPES: POLYCARBONATE (UL 94-V0 RATED)  
HEATSINKS: ANNOXIDIZED ALUMINUM
- REFERENCE DOCUMENTS: PRODUCT SPECIFICATION: QSFP MSA
- CUSTOM HEATSHINKS AVAILABLE UPON REQUEST
- QSFP+ ASSEMBLES ALSO AVAILABLE IN 1X2 (74767 SERIES), 1X3 (74768 SERIES), 1X4 (74769 SERIES) AND 1X6 (74771 SERIES).
- PACKAGED IN TRAY.
- NO RoHS EXEMPTIONS.

<b>SEE REVISION SHEET</b> EC NO: CPG2015-1999 DRAWN: ERWIN 2014/10/13 CHECKED: GABRIELLA 2014/10/13 APPROVED: BREED 2014/10/17 REV DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.13	±---	1 PLACE	±0.25	±---	0 PLACE	±---	±---	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
4 PLACES	±---	±---																						
3 PLACES	±---	±---																						
2 PLACES	±0.13	±---																						
1 PLACE	±0.25	±---																						
0 PLACE	±---	±---																						
DRAWN BY: CHIRSCHY CHECKED BY: BRUSSELL APPROVED BY: RMAHMOOD DATE: 2007/07/23 DATE: 2007/07/23 DATE: 2010/11/01	MATERIAL NO. <b>SEE SHEET 3</b>	DOCUMENT NO. <b>SD-74750-0021</b>	TITLE <b>QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS</b>	SHEET NO. <b>1 OF 8</b>																				

**molex**

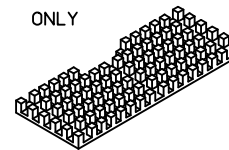
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

# CAGE ASSEMBLY OPTIONS

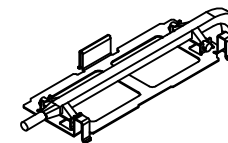


## HEATSHINK AND LIGHT PIPE OPTIONS

HEAT SINK ONLY

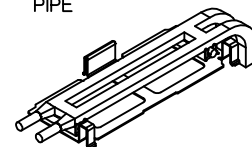


SINGLE LIGHT PIPE

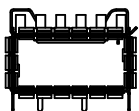


MOLEX P/N: 747500030

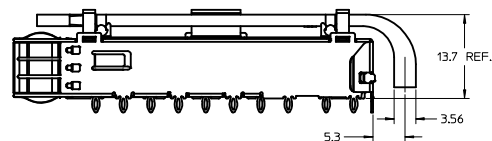
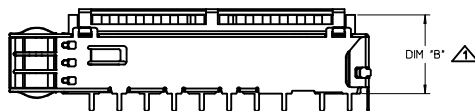
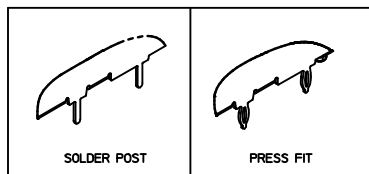
DUAL LIGHT PIPE



MOLEX P/N: 747500031



LEG TYPE OPTIONS

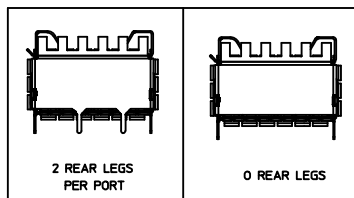


HEATSINK HEIGHT OPTIONS

OVERALL HEATSINK HEIGHT	DIM B	TOL
PCI	13.7	+0.25
SAN	16.0	-0.73
NET	23.0	

HEIGHT OF HEATSINK WITH MODULE INSERTED.  
DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS.

REAR LEG OPTIONS

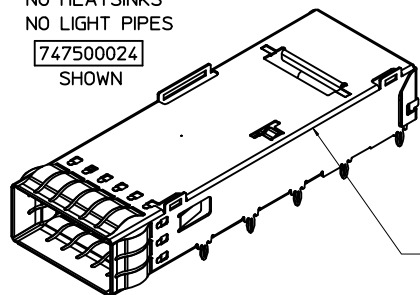


REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH				
1	SEE REVISION SHEET	▽=0	4 PLACES ± 0.13	± 0.005	MM ONLY	2.5:1	METRIC	TITLE <b>QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS</b>  <b>molex</b> DOCUMENT NO. SD-74750-0021 SHEET NO. 2 OF 8
2	EC NO: CPG2015-1999	▽=0	3 PLACES ± 0.13	± 0.005				
3	2014/10/13	▽=0	2 PLACES ± 0.25	± 0.005				
4	2014/10/13	▽=0	1 PLACE ± 0.25	± 0.005				
5	2014/10/17		0 PLACE ± 0.25	± 0.005				
DRAWN BY: CHIRSCHY CHECKED BY: BRUSSELL APPROVED BY: RMAHMOOD DATE: 2007/07/23 DATE: 2007/07/23 DATE: 2010/11/01					MATERIAL NO. SEE SHEET 3 SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

## PART NUMBER SELECTION

NO HEATSINKS  
NO LIGHT PIPES

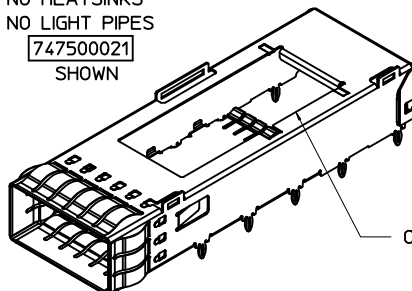
**747500024**  
SHOWN



CLOSED TOP

NO HEATSINKS  
NO LIGHT PIPES

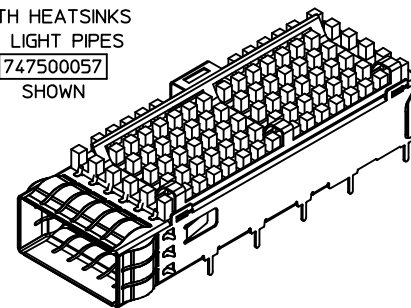
**747500021**  
SHOWN



OPEN TOP

WITH HEATSINKS  
NO LIGHT PIPES

**747500057**  
SHOWN



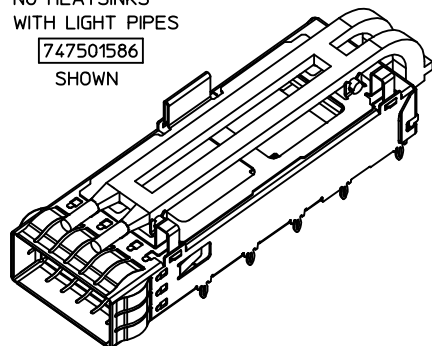
MOLEX P/N		# OF REAR LEGS PER PORT	DIM A	PLATING
LEG TYPE PRESS FIT	LEG TYPE SOLDER POST			
747500024	---	2	2.28	NICKEL
---	747500051	2	1.9	NICKEL
---	747500053	2	1.9	MATTE TIN
---	747500056	2	1.9	BRIGHT TIN

MOLEX P/N		# OF REAR LEGS PER PORT	DIM A	PLATING
LEG TYPE PRESS FIT	LEG TYPE SOLDER POST			
747500012	---	2	3.05	NICKEL
747500021	---	2	2.28	NICKEL
747500023	---	0	2.28	NICKEL
---	747500058	2	2.90	NICKEL
---	747500062 *	2	2.90	NICKEL

MOLEX P/N		# OF REAR LEGS PER PORT	DIM A	DIM B	PLATING
LEG TYPE PRESS FIT	LEG TYPE SOLDER POST				
---	747500057	2	2.9	13.7	NICKEL
747500040	---	2	2.28	16.0	NICKEL
747500042	---	0	2.28	16.0	NICKEL
747500044	---	2	2.28	13.7	NICKEL
747500046	---	2	2.28	23.0	NICKEL

NO HEATSINKS  
WITH LIGHT PIPES

**747501586**  
SHOWN



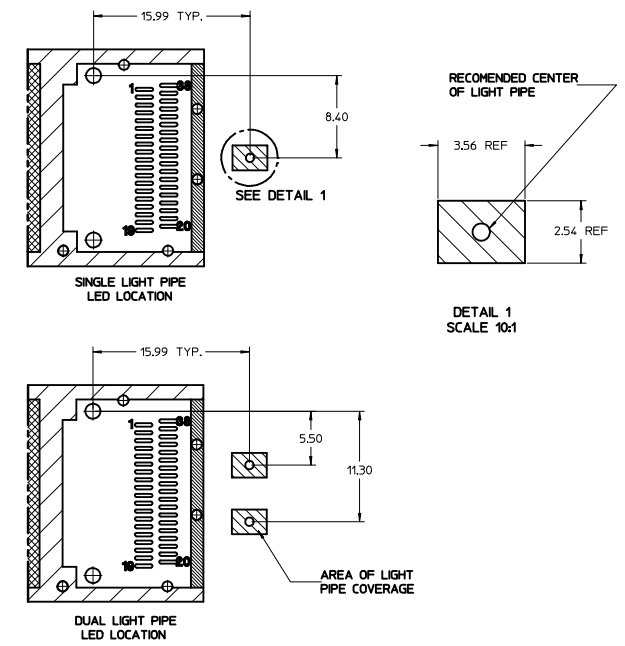
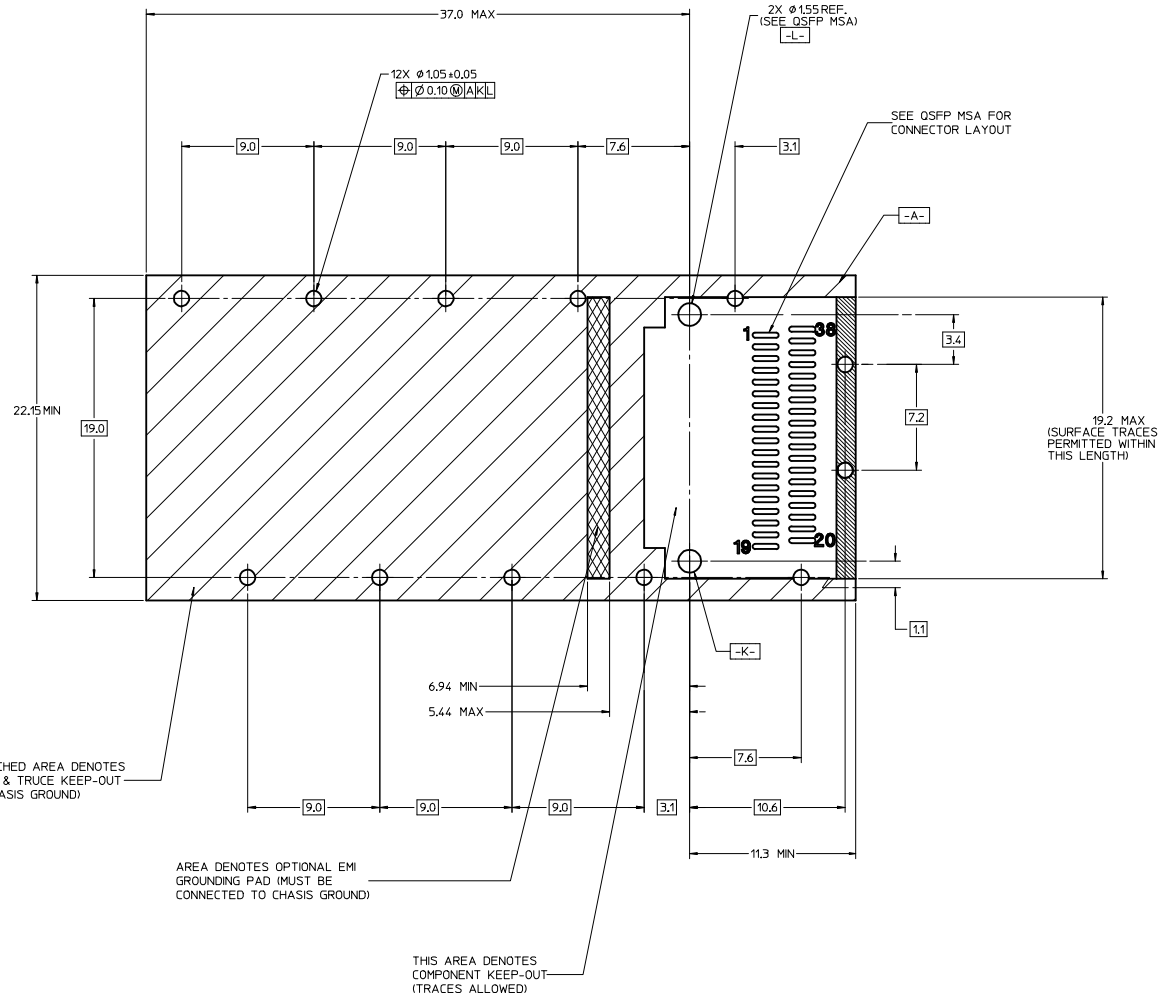
MOLEX ASSEMBLY P/N	MOLEX P/N		LIGHT PIPE ASSEMBLY P/N	#OF REAR LEGS PER PORT	DIM A	PLATING
	LEG TYPE PRESS FIT	LEG TYPE SOLDER POST				
747501586	747500024	---	747500031	2	2.28	NICKEL

\* HEATSINK/LIGHT PIPE CLIP FEATURE REMOVED.

SEE REVISION SHEET IEC NO. CPG2015-1999 DRAWN: LERMIN 2014/10/13 CHECKED: GARDELLA 2014/10/13 APPR: BREED 2014/10/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>3:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± mm ± INCH		DRAWN BY CHIRSCHY		DATE 2007/07/23		TITLE <b>QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS</b>  <b>molex</b> MATERIAL NO. SEE SHEET 3 DOCUMENT NO. SD-74750-0021 SHEET NO. 3 OF 8	
		3 PLACES ± 0.13 ± ---		CHECKED BY BRUSSELL		DATE 2007/07/23			
		2 PLACES ± 0.25 ± ---		APPROVED BY RMAHMOOD		DATE 2010/11/01			
1 PLACE ± --- ± ---		0 PLACE ± --- ± ---							
ANGULAR ± 1°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE <b>D</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

# PCB LAYOUT FOR SINGLE SIDED APPLICATIONS

# FOR CAGE ASSEMBLIES WITH LIGHT PIPES



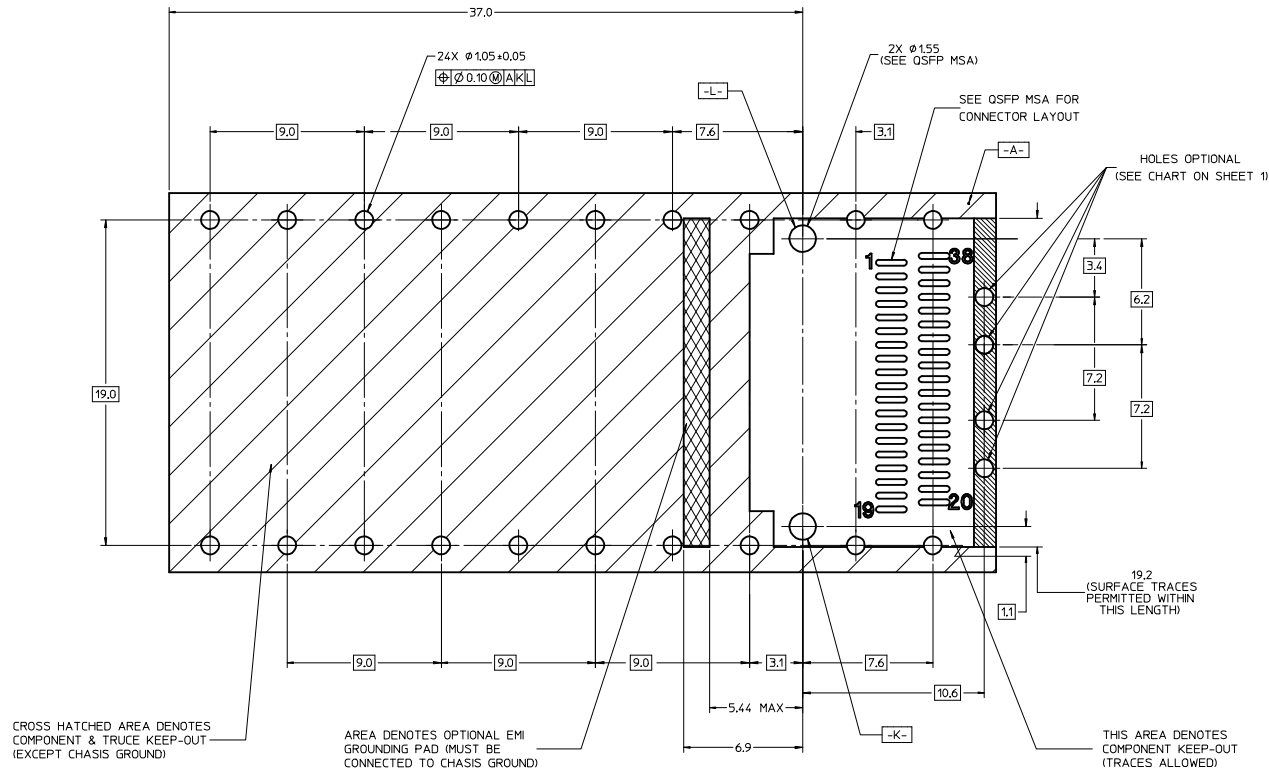
**NOTES:**

1. DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA
2. FINISHED HOLE SIZE (AFTER PLATING)
3. DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA
4. DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA

<b>SEE REVISION SHEET</b> EC NO: CPG2015-1999 DRAWN BY: LERMIN CHYKOBARDILLA 2014/10/13 APPROVED BY: BREED 2014/10/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	1:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY: CHIRSCHY	DATE: 2007/07/23	TITLE: QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS	
	▽=0	3 PLACES ± 0.13 ± ---	CHECKED BY: BRUSSELL	DATE: 2007/07/23	DOCUMENT NO: SD-74750-0021	
	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: MAHMOOD	DATE: 2010/11/01	SHEET NO: 4 OF 8	
			MATERIAL NO:	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



# PCB LAYOUT FOR BELLY-TO-BELLY APPLICATIONS



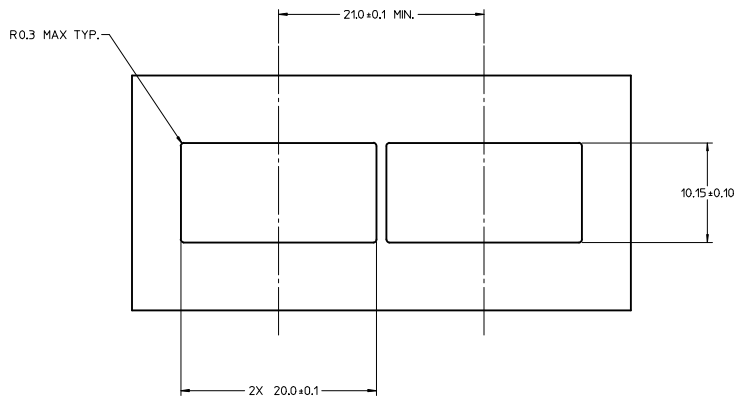
NOTE:  
FOR RECOMENDED CENTER  
OF LIGHT PIPES,  
SEE SHEET 4

**NOTES:**

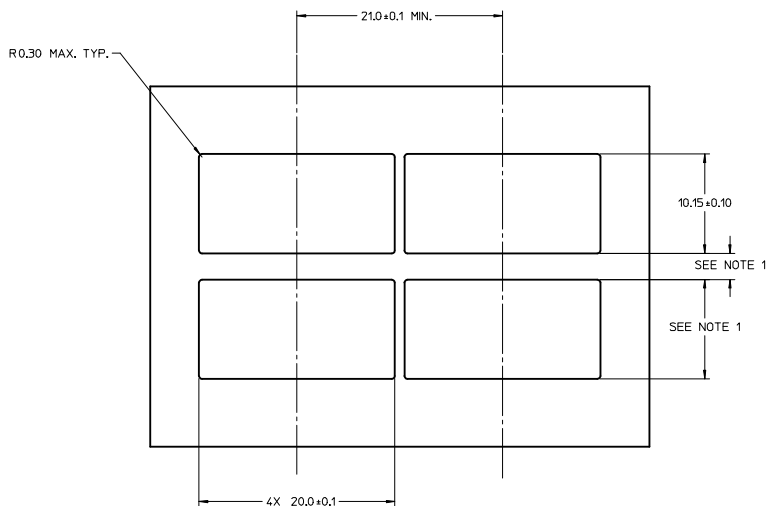
1. DATUM -A- IS TOP SURFACE OF HOST BOARD PER MSA.
2. FINISHED HOLE SIZE (AFTER PLATING).
3. DATUM -K- IS HOST BOARD THRU HOLE #1 TO ACCEPT CONNECTOR GUIDE POST PER MSA.
4. DATUM -L- IS HOST BOARD THRU HOLE #2 TO ACCEPT CONNECTOR GUIDE POST PER MSA.

<b>SEE REVISION SHEET</b> EEC NO: CPG2015-1999 DRAWN BY: ERWIN CHYKOBARELLA 2014/10/13 2014/10/13 APPROVED BY: BREED 2014/10/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ± mm 3 PLACES ± INCH 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACE ±	MM ONLY	1:1	METRIC	DRAWN BY: CHIRSCHY 2007/07/23 CHECKED BY: BRUSSELL 2007/07/23 APPROVED BY: RMAHMOOD 2010/11/01
	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO: <b>SEE SHEET 3</b>	TITLE: <b>QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS</b>	DOCUMENT NO: <b>SD-74750-0021</b>	SHEET NO: 5 OF 8	

BEZEL AND BOARD POSITION DIMENSIONS  
FOR SINGLE SIDE MOUNTING



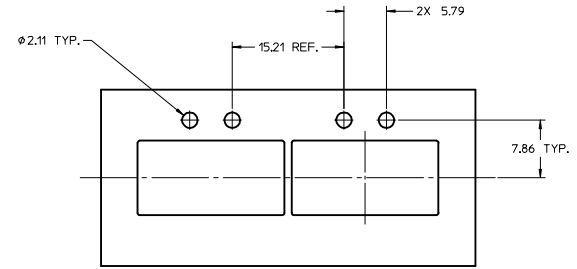
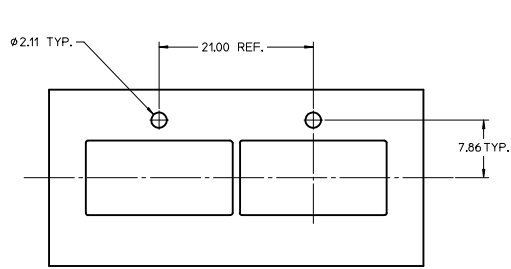
BEZEL AND BOARD POSITION DIMENSIONS  
FOR BELLY-TO-BELLY MOUNTING



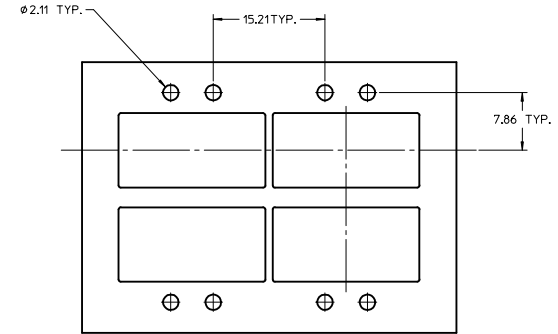
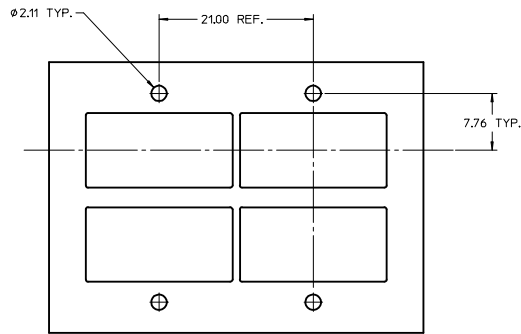
NOTE:  
1. SEE QSFP MSA SPECIFICATION FOR BEZEL LOCATION TOLERANCE.  
2. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION.

SEE REVISION SHEET IEC NO: CPG2015-1999 DRAWN: LERMIN 2014/10/13 CHECKED: GARDELLA 2014/10/13 APPR: BREED 2014/10/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	1:1	METRIC	☉
	▽=0	3 PLACES ± 0.13 ± ---	DRAWN BY DATE	CHIRSCHY 2007/07/23	TITLE	
	▽=0	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	BRUSSELL 2007/07/23	QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS	
		ANGULAR ± 1 °	APPROVED BY DATE	RM AHMOOD 2010/11/01	DOCUMENT NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE SHEET 3	SD-74750-0021	SHEET NO. 6 OF 8
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

BEZEL LIGHT PIPE CUTOUT POSITION DIMENSIONS  
FOR SINGLE SIDE MOUNTING



BEZEL LIGHT PIPE CUTOUT POSITION DIMENSIONS  
FOR BELLY-TO-BELLY MOUNTING



SEE REVISION SHEET IEC NO. CPG2015-1999 DRAWN: LERMIN 2014/10/13 CHECKED: GARDELLA 2014/10/13 APPR: BREED 2014/10/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$	mm INCH	MM ONLY	3:1	METRIC	
	$\nabla=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	$\nabla=0$	3 PLACES ± --- ± ---	CHIRSCHY 2007/07/23	QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS		
	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	molex			
	1 PLACE ± 0.25 ± ---	BRUSSELL 2007/07/23	DOCUMENT NO.			SHEET NO.
	0 PLACE ± --- ± ---	APPROVED BY DATE	SD-74750-0021			7 OF 8
	ANGULAR ± 1 °	RAHMOOD 2010/11/01	MATERIAL NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

DATE	REV	DESCRIPTION
2007/07/23	A	INITAL RELEASE
2007/08/06	B	CHANGED ALL TANGENT LINES FROM DASHED LINES TO SOLID LINES
2007/08/10	C	1. ADDED COMPONENT P/N COLUMN TO TABLE 2. ADDED "COMPONENT" TO NOTE IN BOTTOM VIEW ON SHEET 1 3. CHANGED TEXT IN MATERIAL NO. SECTION OF TITLE BLOCK TO READ "SEE TABLE"
2008/07/10	D	1. REMOVED COMMENTS FROM TABLE ON SHEET 1 2. ADDED "HOLES OPTIONAL" NOTE TO PCB LAYOUT ON SHEET 2 AND SHEET 3 3. ADDED 747500024 TO TABLE ON SHEET 1 AS WELL AS ISO VIEW 4. UPDATED "COMPONENT PART NUMBER AND DATE CODE" NOTE ON SHEET 1
2008/12/16	E	1. 20.4 DIMENSION WAS 20.38 REF. 2. 58.8 DIMENSION WAS 58.80 REF. 3. 2.28 TYP. DIMENSION WAS 2.28 REF. 4. 15.4 DIMENSION WAS 15.40 REF.
2009/04/13	F	1. REVISED COMPONENT P/N FOR MOLEX P/N 747500024 (CHANGED FROM 747540104 TO 747500104)
2010/10/29	G	1. 20.5 MAX DIMENSION WAS 20.4 2. 19.2 MAX DIMENSION WAS 16.2 MAX
2011/04/05	H	1. ADDED PRINTED DATE CODE TO LEFT SIDE OF CAGE AND ASSOCIATED NOTES. 2. ADDED CUTAWAY 1 AND CRITICAL TO FUNCTION DIMENSION 29.88 ±0.15, SHEET 1. 3. REMOVED 74750 FROM BOTTOM OF CAGE, SHEET 1. 4. UPDATED RoHS NOTE (NOTE 5) TO "LEAD FREE, NO RoHS EXEMPTIONS" ON SHEET 1. 5. ADDED END VIEW, SHEET 1.
2012/04/13	I	1. ADDED 747500012 TO P/N TABLE, SHEET 1. 2. UPDATED BELLY-TO-BELLY CAGE VIEW, SHEET 3. 3. ADDED BELLY-TO-BELLY BEZEL AND DIMENSIONS, SHEET 3.
2013/01/10	J	1. ADDED 747500057 AND 747500058 INTO P/N TABLE, SHEET 3. 2. REARRANGE EACH SHEET
2013/04/09	K	1. ADDED P/N 747500062 TO CHART ON PAGE 3. 2. UPDATED DIMENSION 9.77 TO 9.76 BY CORRECTING PLACEMENT ON VIEWS SHEET 6.
2014/10/13	L	1. ADDED P/N 747501586 AND ISO VIEW TO SHEET 3.

<b>SEE REVISION SHEET</b> EC NO: CPG2015-1999 DRAWN: ERWIN 2014/10/13 CHKD: GABRIELLA 2014/10/13 APPR: BREED 2014/10/17	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>1:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	DRAWN BY CHIRSCHY	DATE 2007/07/23	TITLE <b>QSFP+ CAGE ASSEMBLY WITH SPRING FINGERS</b>			
		ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY BRUSSELL	DATE 2007/07/23	MATERIAL NO. <b>SEE SHEET 3</b>			
		APPROVED BY RMAHMOOD	DATE 2010/11/01	DOCUMENT NO. <b>SD-74750-0021</b>	SHEET NO. <b>8 OF 8</b>			