3D MODEL : 1000177200 PSM ASY

BASE CAGE DETAILS
SHOWN

INNER WALL TABS ARE
COINED OVER BASE AND
COVER FOR RIGIDITY

WING SPRING FINGER

CLOSED TOP

61.22 REF

FROM CAGE COVER

77.59 REF
(UNCOMPRESSED)

REAR LEGS OPTIONAL
(SEE TABLE ON SHEET 3)

FEATURE USED WITH
OPTIONAL HEAT SINK

75.75 REF
(INSIDETO INSIDE)

4X 18.75 ±0.1
(INSIDETO INSIDE)

4X 8.96 ±0.1
(INSIDETO INSIDE)

10.8 REF
(UNCOMPRESSED)

13.40 REF

100017XXXXWKYR
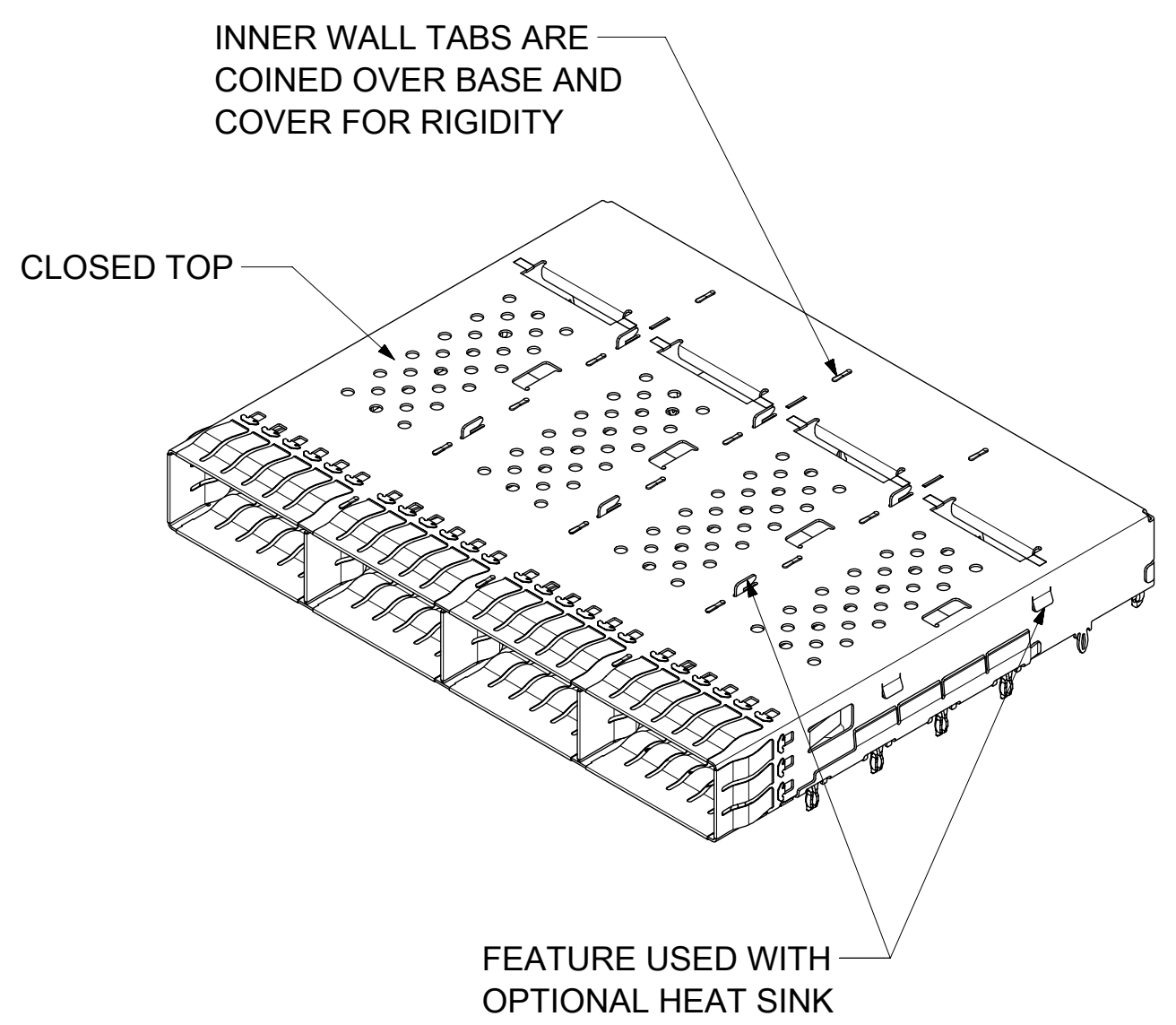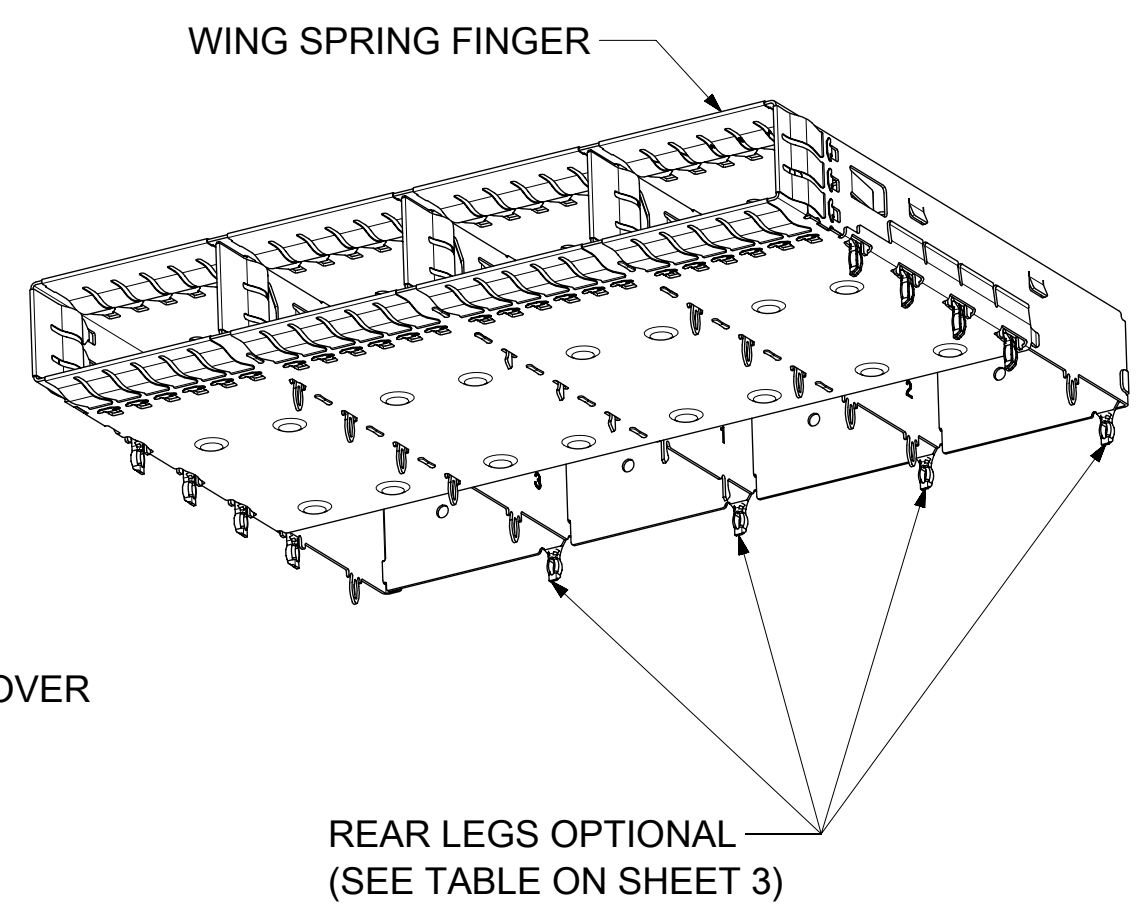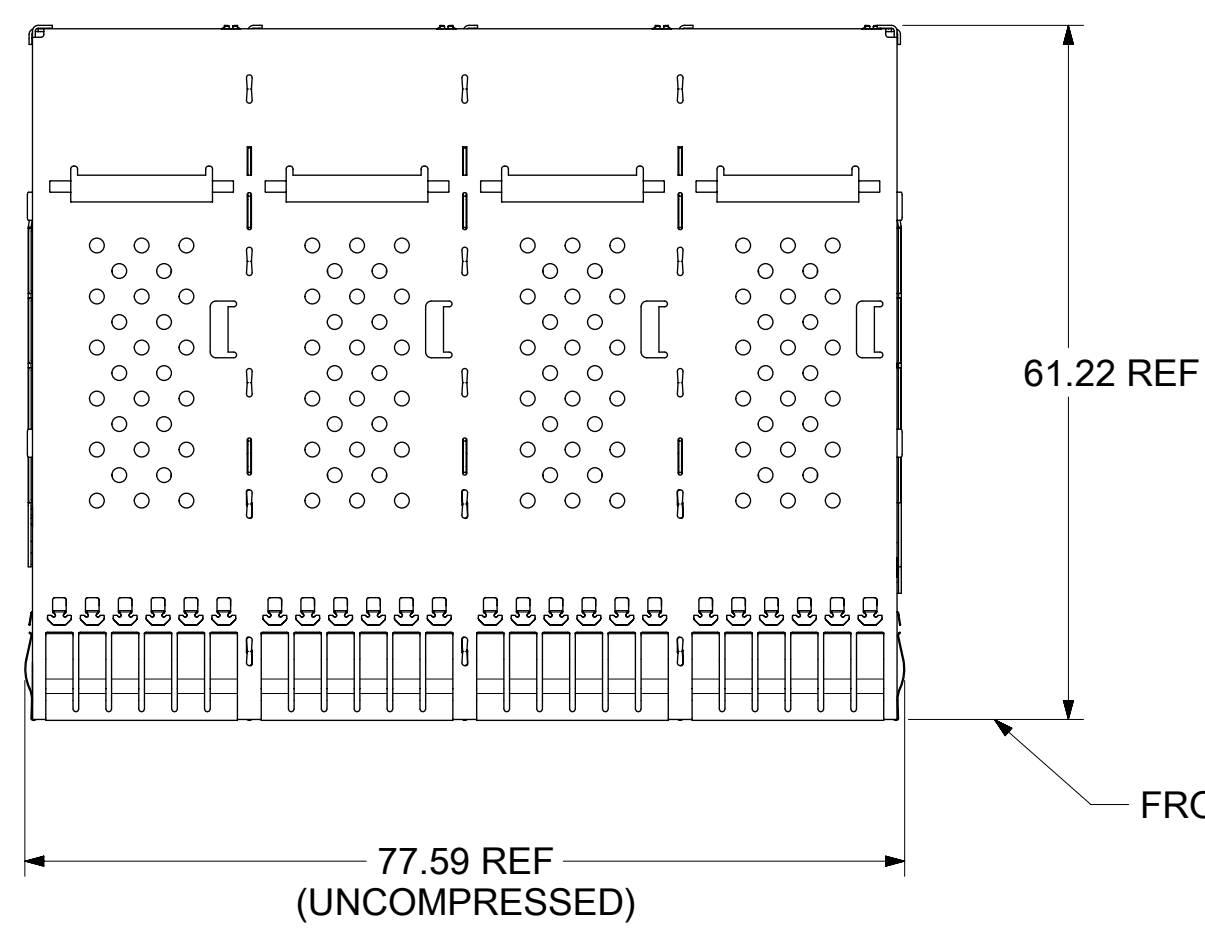
P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON
BACK OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.
SEE TABLE BELOW FOR DATE CODE INFORMATION

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR
YP	16, 17, 18 ETC.. (EXAMPLE: YEAR 2016= 16)

NOTES:
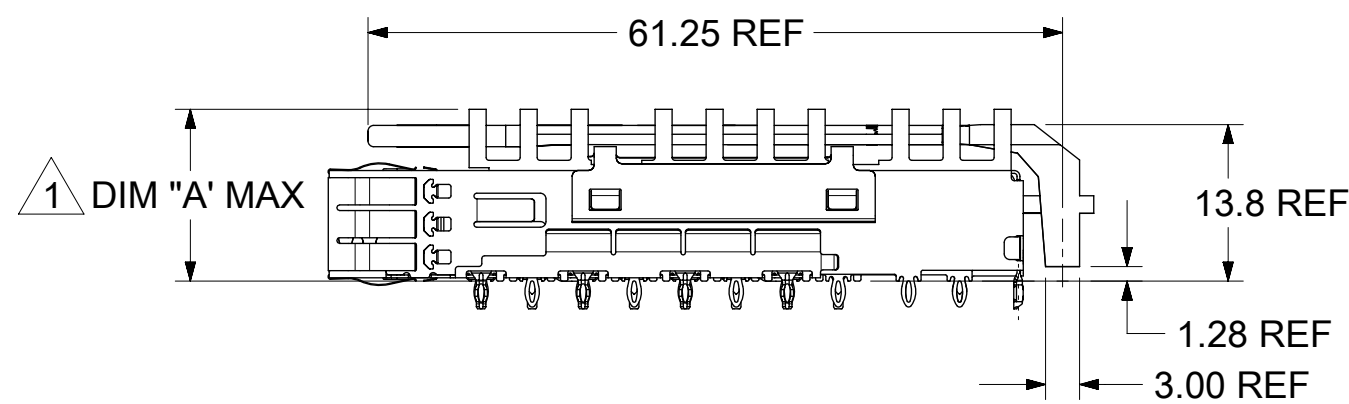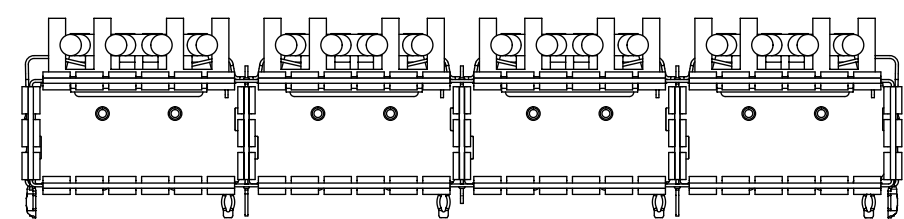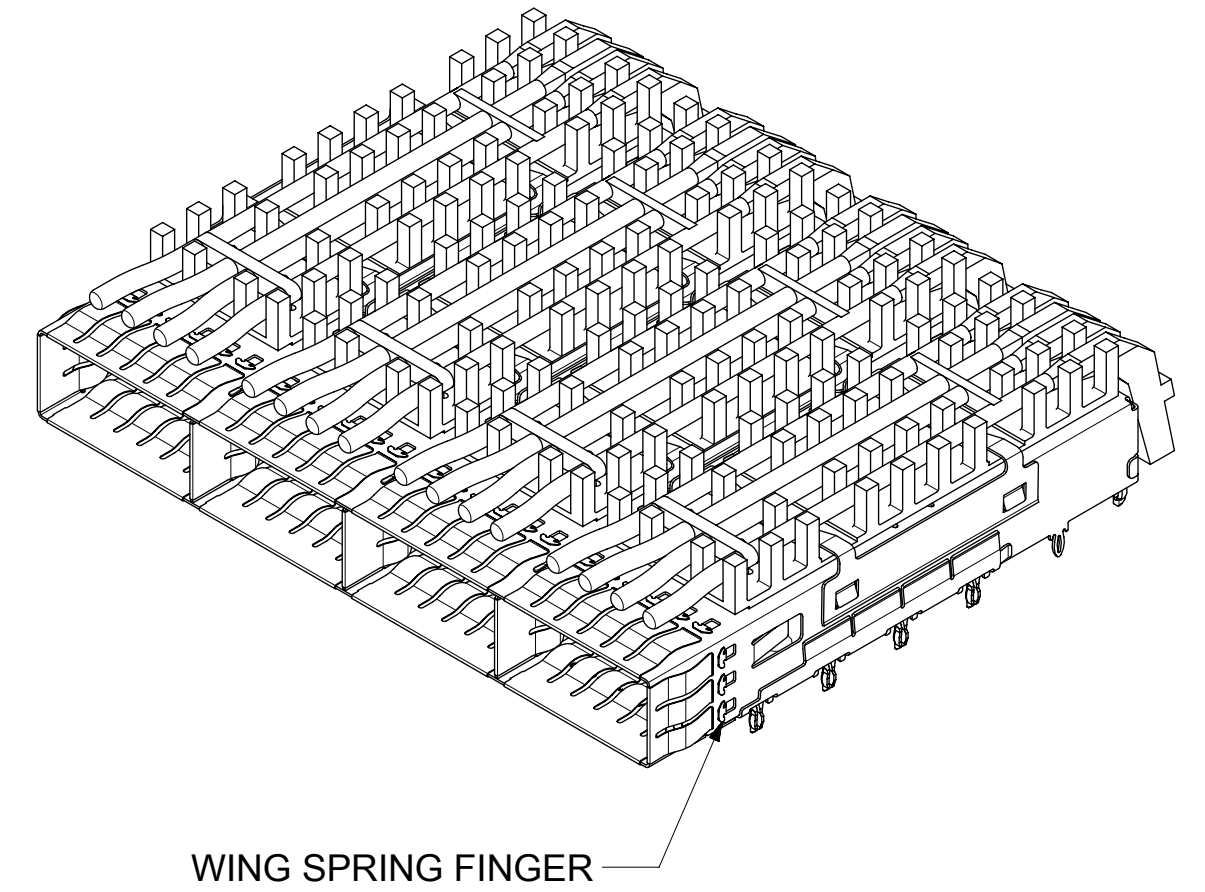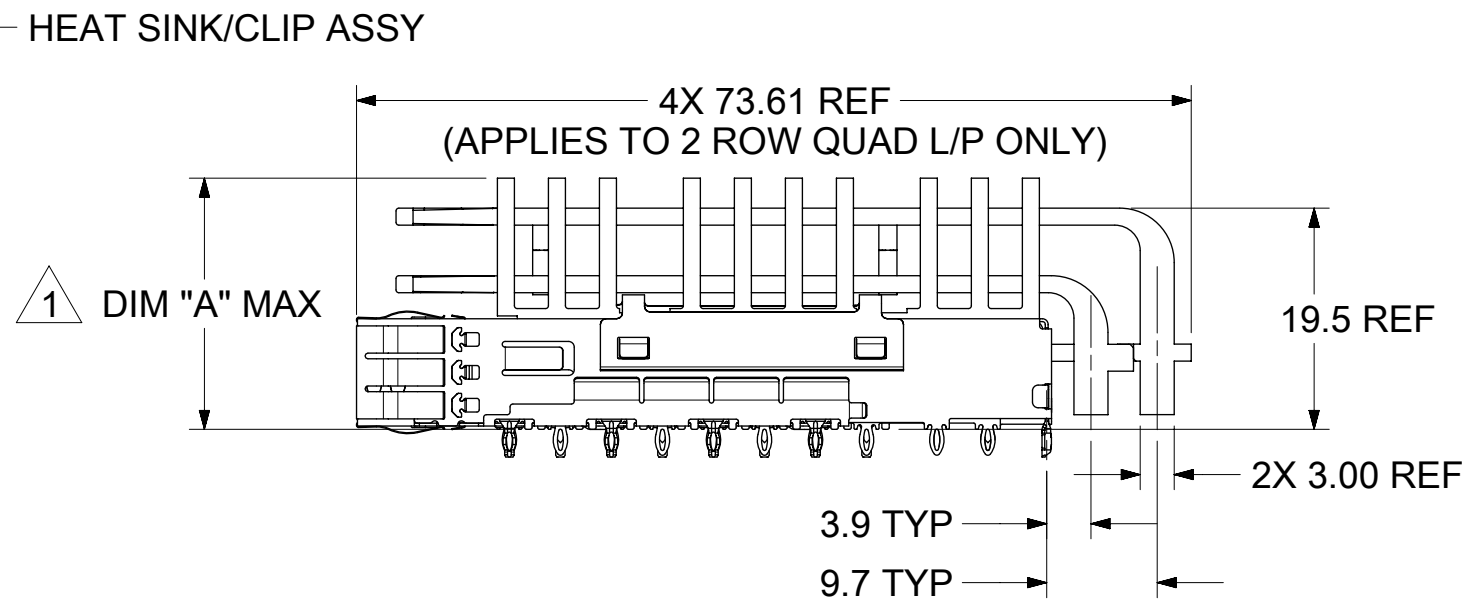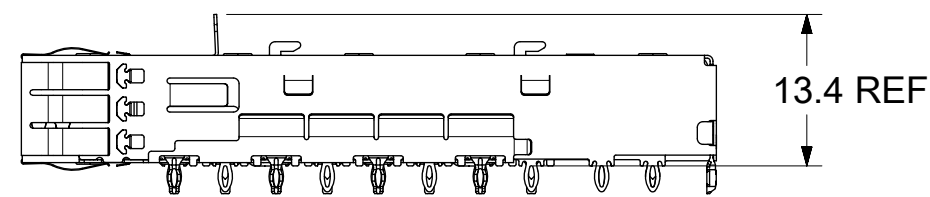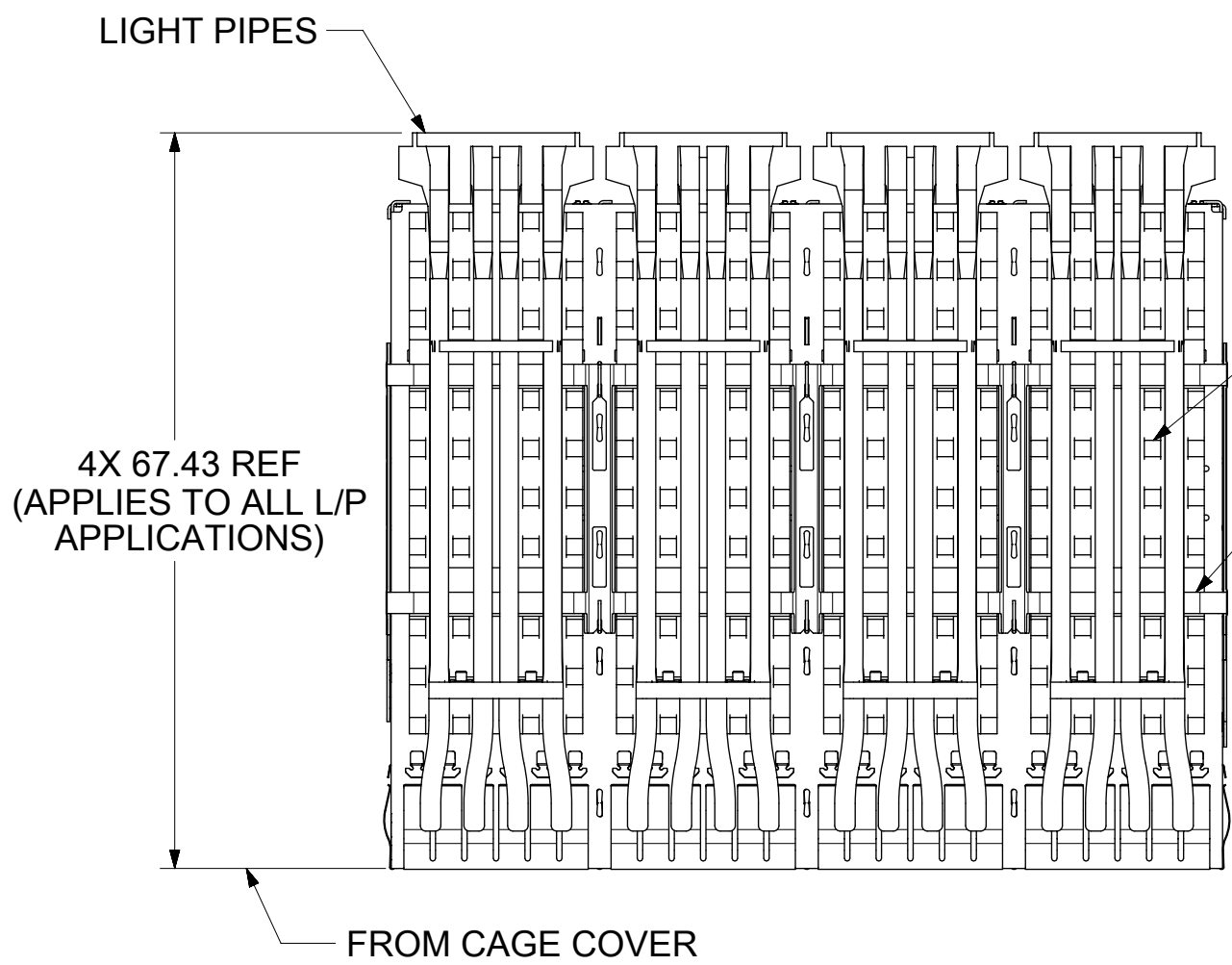1. MATERIAL: CAGE: STAINLESS STEEL
        CENTER WALLS: STAINLESS STEEL
        WING SPRING FINGERS: STAINLESS STEEL
        HEAT SINKS: NICKEL PLATED ALUMINUM
        HEAT SINK CLIP: STAINLESS STEEL
        LIGHT PIPES: POLYCARBONATE (UL 94-V-0)
2. DRAWING APPLIES TO ALL P/N'S SHOWN ON PAGE 3
3. DURING FINAL INSPECTION, CAGE LEG LOCATIONS AND STRAIGHTNESS MUST BE CHECKED USING
   APPROPRIATE GO - NO GO GAGE
4. DURING FINAL INSPECTION, CAGE MUST BE INSPECTED TO MAKE SURE LEG CONFIGURATIONS AND
   PART NUMBERS ARE CORRECT, USE SHEETS 3, 4 AND 5
5. PARTS TO BE INSPECTED PER MOLEX COSMETIC SPEC WI-HP-7-2774 (CLASS B UNLESS OTHERWISE SPECIFIED)
6. PRESS-FIT LEGS 2.44 LONG -
    1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
    2.70 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
7. NO RoHS EXEMPTIONS

DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.			
mm	1.5:1			**molex**	
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± 2.0°		EC NO: 737858		ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS	
4 PLACES	±	DRWN: SANTHN	2023/02/08		
3 PLACES	±	CHK'D: GGA	2023/02/24		
2 PLACES	0.13	APPR: GGA	2023/02/24	PRODUCT CUSTOMER DRAWING	
1 PLACE	0.25	INITIAL REVISION: DRWN: SJKG	2016/09/26	DOCUMENT NUMBER	DOC TYPE / DOC PART / REVISION
0 PLACES	±	APPR: RCHEN08	2016/11/29	1000177200	PSD / ASY / A3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	⊕ ◁	C-SIZE	100017	SEE TABLE	GENERAL MARKET	1 OF 9

FORMAT: master-fb-prod-C
REVISION: J1
DATE: 2021/05/01

CAGE ASSEMBLY OPTIONS

1000177547

SHOWN

LIGHT PIPES

HEAT SINKS

HEAT SINK/CLIP ASSY

4X 67.43 REF
(APPLIES TO ALL L/P APPLICATIONS)

FROM CAGE COVER

13.4 REF

4X 73.61 REF
(APPLIES TO 2 ROW QUAD L/P ONLY)

⚠1 DIM "A" MAX

19.5 REF

2X 3.00 REF

3.9 TYP

9.7 TYP

WING SPRING FINGER

REAR LEG OPTIONS

61.25 REF

⚠1 DIM "A' MAX

13.8 REF

1.28 REF

3.00 REF

0 REAR LEGS
PARTIAL 1
SCALE 3:1

1 REAR LEGS
PARTIAL 2
SCALE 3:1
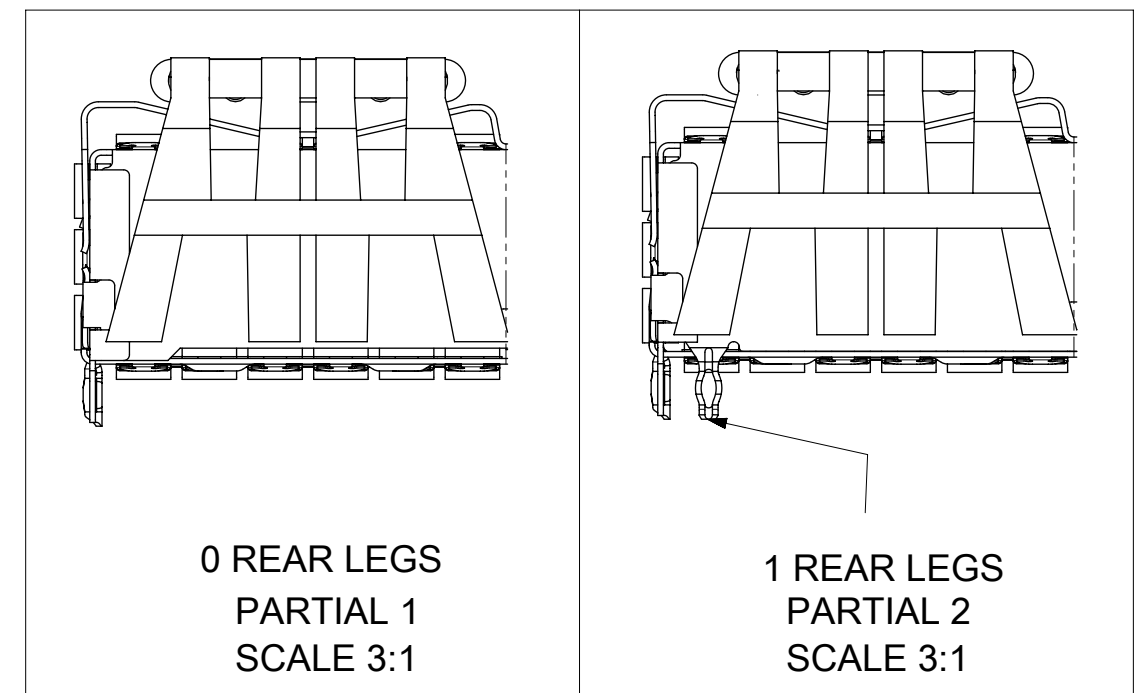
HEAT SINK AND LIGHT PIPE COMBINATIONS

HEAT SINK USED WITHOUT LIGHTPIPE

SINGLE / DUAL LIGHT PIPE

QUAD LIGHT PIPE

2 ROW QUAD LIGHT PIPE

HEAT SINK

HEAT SINK
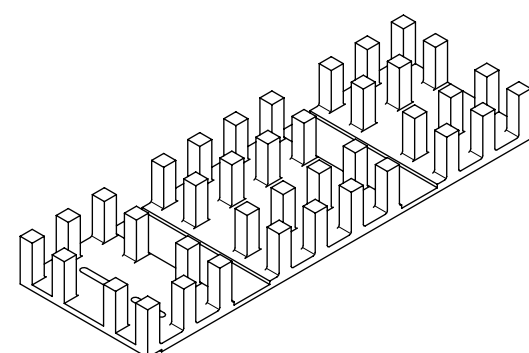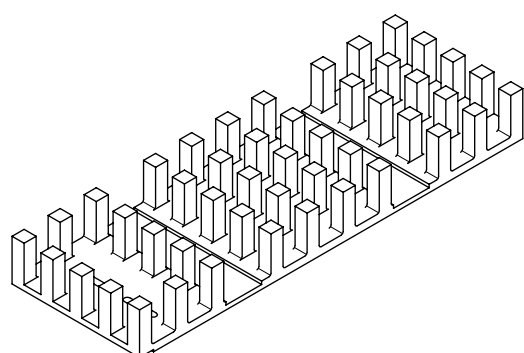
HEAT SINK

HEAT SINK HEIGHT OPTIONS

OVERALL HEAT SINK HEIGHT	DIM"A"
PCI	13.7
SAN	16.0
NET	23.0

⚠1 HEIGHT OF HEAT SINK WITH MODULE INSERTED.
DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS

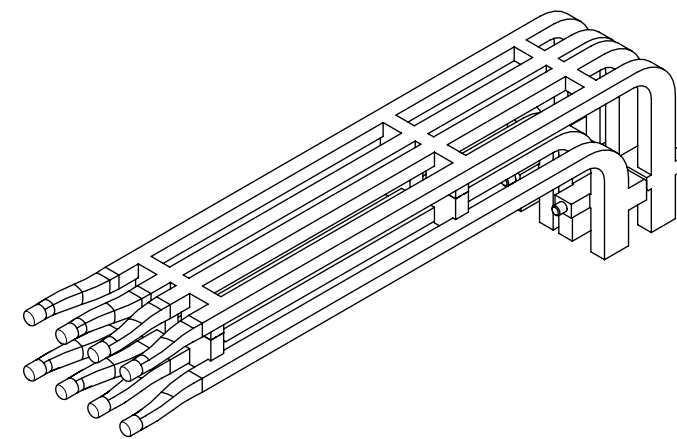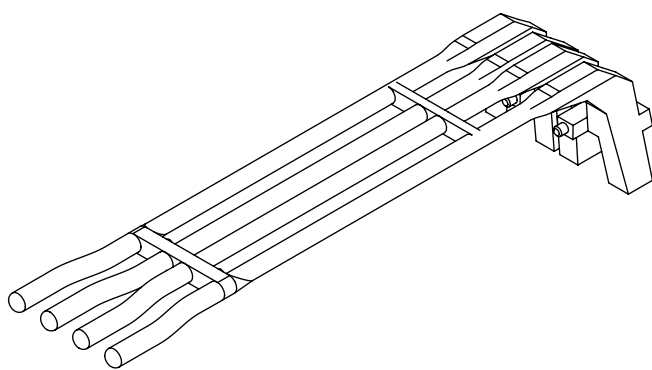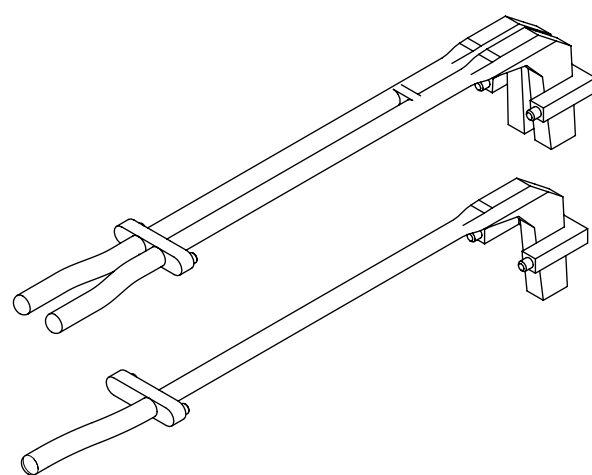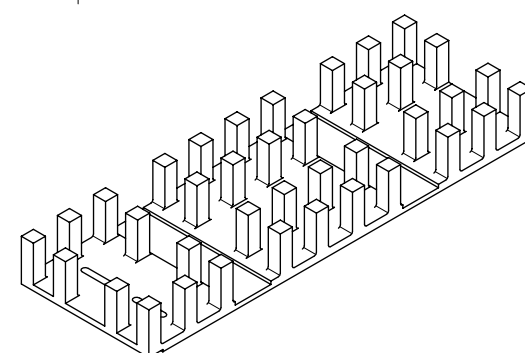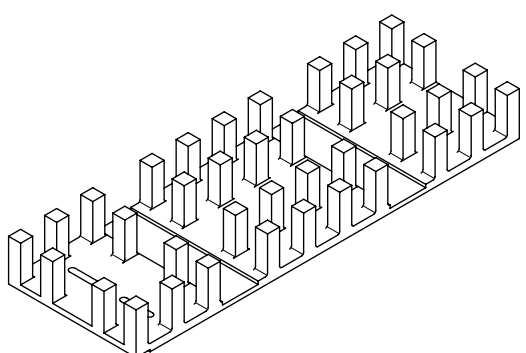| DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.
mm	1.5:1	

molex

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ±	2.0 °	EC NO: 737858		ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS
4 PLACES	±	DRWN: SANTHN	2023/02/08	
3 PLACES	±	CHK'D: GGA	2023/02/24	
2 PLACES	0.13	APPR: GGA	2023/02/24	PRODUCT CUSTOMER DRAWING
1 PLACE	0.25	INITIAL REVISION:		
0 PLACES	±	DRWN: SJKG	2016/09/26	DOCUMENT NUMBER / DOC TYPE / DOC PART / REVISION
		APPR: RCHEN08	2016/11/29	1000177200 / PSD / ASY / A3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING C-SIZE	SERIES 100017	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 2 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/24	09:13:41

PART NUMBER SELECTION

NO HEAT SINKS WITH LIGHT PIPES CLOSED TOP
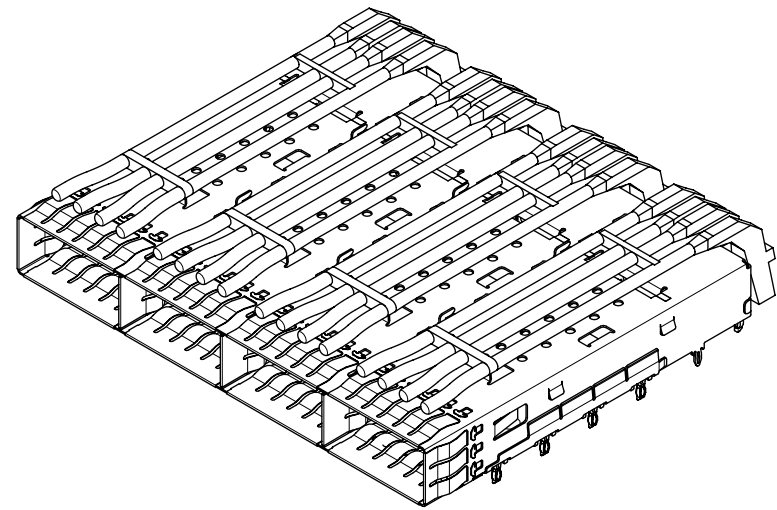
MOLEX P/N	LIGHT PIPES	#OF REAR LEGS PER PORT
1000177231	SINGLE	0
1000177232	SINGLE	1
1000177233	DUAL	0
1000177234	DUAL	1
1000177235	QUAD	0
1000177236	QUAD	1

NO HEAT SINKS NO LIGHT PIPES CLOSED TOP
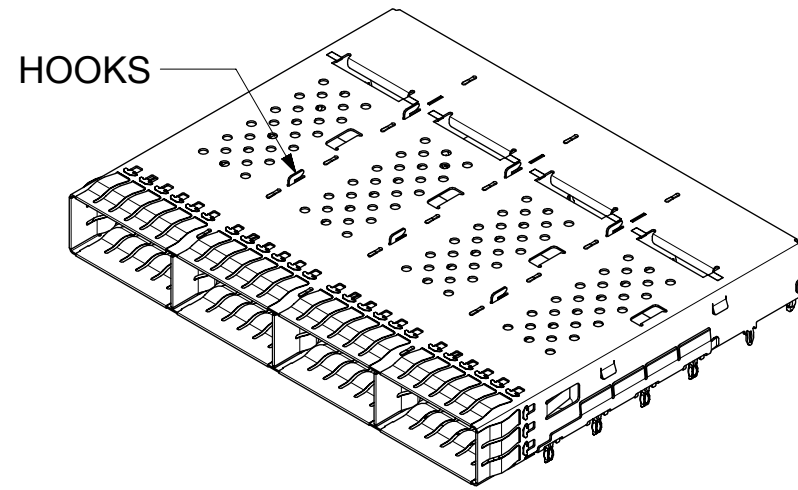
HOOKS

MOLEX P/N	#OF REAR LEGS PER PORT	HOOKS
1000177242	1	YES

NO HEAT SINKS NO LIGHT PIPES OPEN TOP
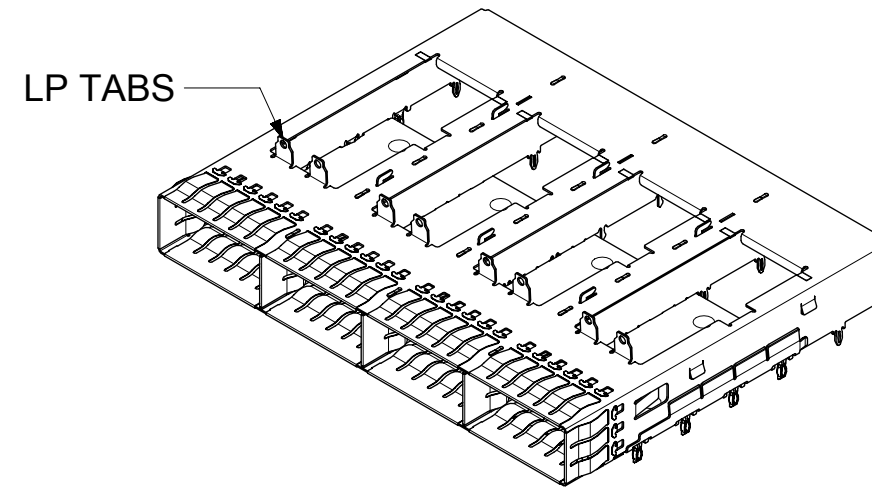
LP TABS

MOLEX P/N	#OF REAR LEGS PER PORT	LP TAB
1000177250	0	YES
1000177252	1	YES
1000177255	1	NO

WITH HEAT SINKS NO LIGHT PIPES
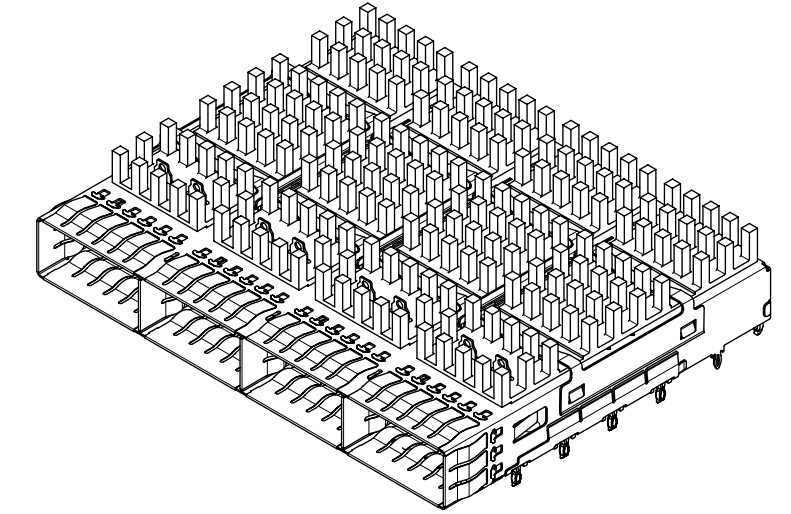
MOLEX P/N	HEAT SINK	#OF REAR LEGS PER PORT
1000177340	PCI	0
1000177341	SAN	0
1000177342	NET	0
1000177343	PCI	1
1000177344	SAN	1
1000177345	NET	1

WITH HEAT SINKS AND LIGHT PIPES

MOLEX P/N	LIGHT PIPES	HEAT SINKS	#OF REAR LEGS PER PORT
1000177440	SINGLE	PCI	0
1000177441	SINGLE	SAN	0
1000177442	SINGLE	NET	0
1000177443	DUAL	PCI	0
1000177444	DUAL	SAN	0
1000177445	DUAL	NET	0
1000177446	QUAD	PCI	0
1000177447	QUAD	SAN	0
1000177448	QUAD	NET	0
1000177540	SINGLE	PCI	1
1000177541	SINGLE	SAN	1
1000177542	SINGLE	NET	1
1000177543	DUAL	PCI	1
1000177544	DUAL	SAN	1
1000177545	DUAL	NET	1
1000177546	QUAD	PCI	1
1000177547	QUAD	SAN	1
1000177548	QUAD	NET	1
1000177647	2 ROW QUAD	SAN	1
1000177648	2 ROW QUAD	NET	1
1000177649	2 ROW QUAD	CUSTOM (A=19.0REF)	1
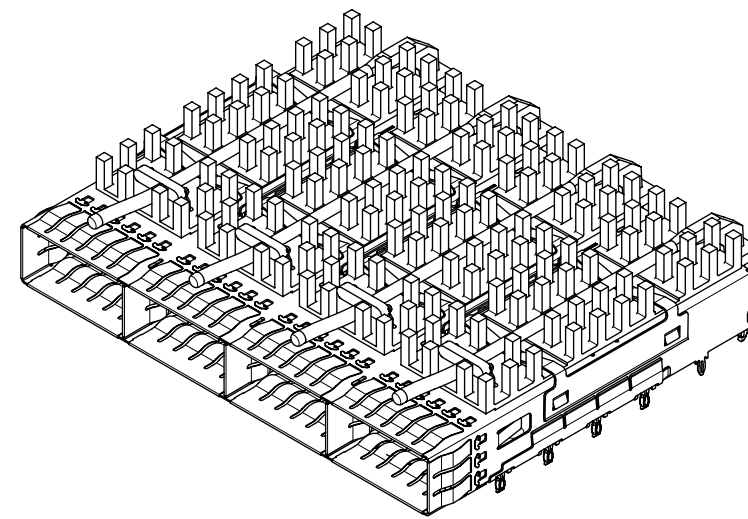
SINGLE LIGHT PIPE

DUAL LIGHT PIPE

QUAD LIGHT PIPE

2 ROW QUAD LIGHT PIPE

DIMENSION UNITS	SCALE
mm	1:1

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.

molex

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	2.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

EC NO: 737858
DRWN: SANTHN   2023/02/08
CHK'D: GGA   2023/02/24
APPR: GGA   2023/02/24
INITIAL REVISION:
DRWN: SJKG   2016/09/26
APPR: RCHEN08   2016/11/29

ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1000177200	PSD	ASY	A3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
C-SIZE	100017	SEE TABLE	GENERAL MARKET	3 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/24	09:13:41

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

PCB LAYOUT FOR SINGLE SIDED MOUNTING

HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)
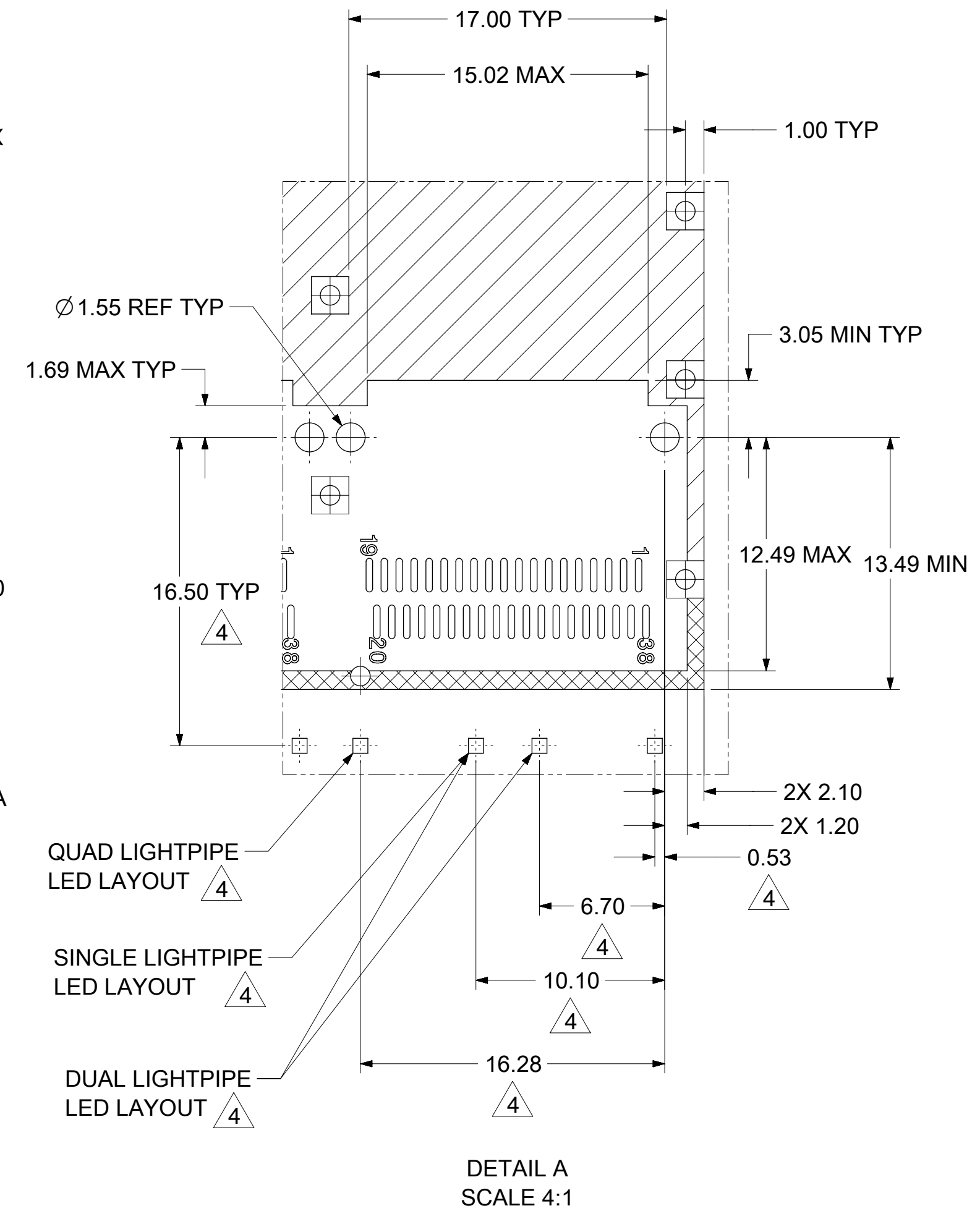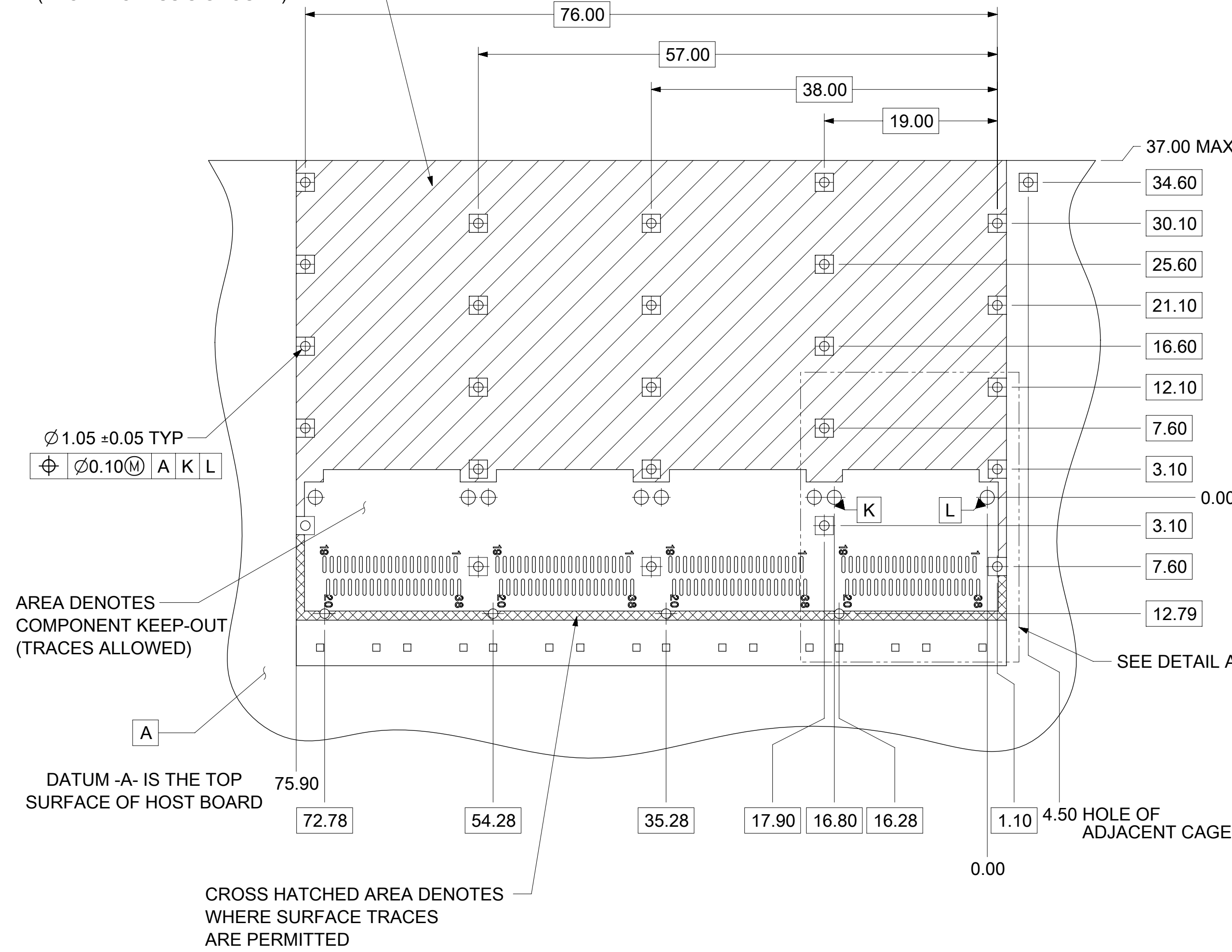
76.00

57.00

38.00

19.00

37.00 MAX

34.60

30.10

25.60

21.10

16.60

12.10

7.60

3.10

0.00

3.10

7.60

12.79

SEE DETAIL A

∅1.05 ±0.05 TYP

⊕ ∅0.10Ⓜ A K L

K   L

AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

A

DATUM -A- IS THE TOP
SURFACE OF HOST BOARD

75.90

72.78   54.28   35.28   17.90 16.80 16.28   1.10   4.50 HOLE OF
                                                              ADJACENT CAGE

0.00

CROSS HATCHED AREA DENOTES
WHERE SURFACE TRACES
ARE PERMITTED

17.00 TYP

15.02 MAX

1.00 TYP

∅1.55 REF TYP

3.05 MIN TYP

1.69 MAX TYP

16.50 TYP △4

12.49 MAX   13.49 MIN

QUAD LIGHTPIPE
LED LAYOUT △4

2X 2.10

2X 1.20

0.53 △4

6.70 △4

SINGLE LIGHTPIPE
LED LAYOUT △4

10.10 △4

DUAL LIGHTPIPE
LED LAYOUT △4

16.28 △4

DETAIL A
SCALE 4:1

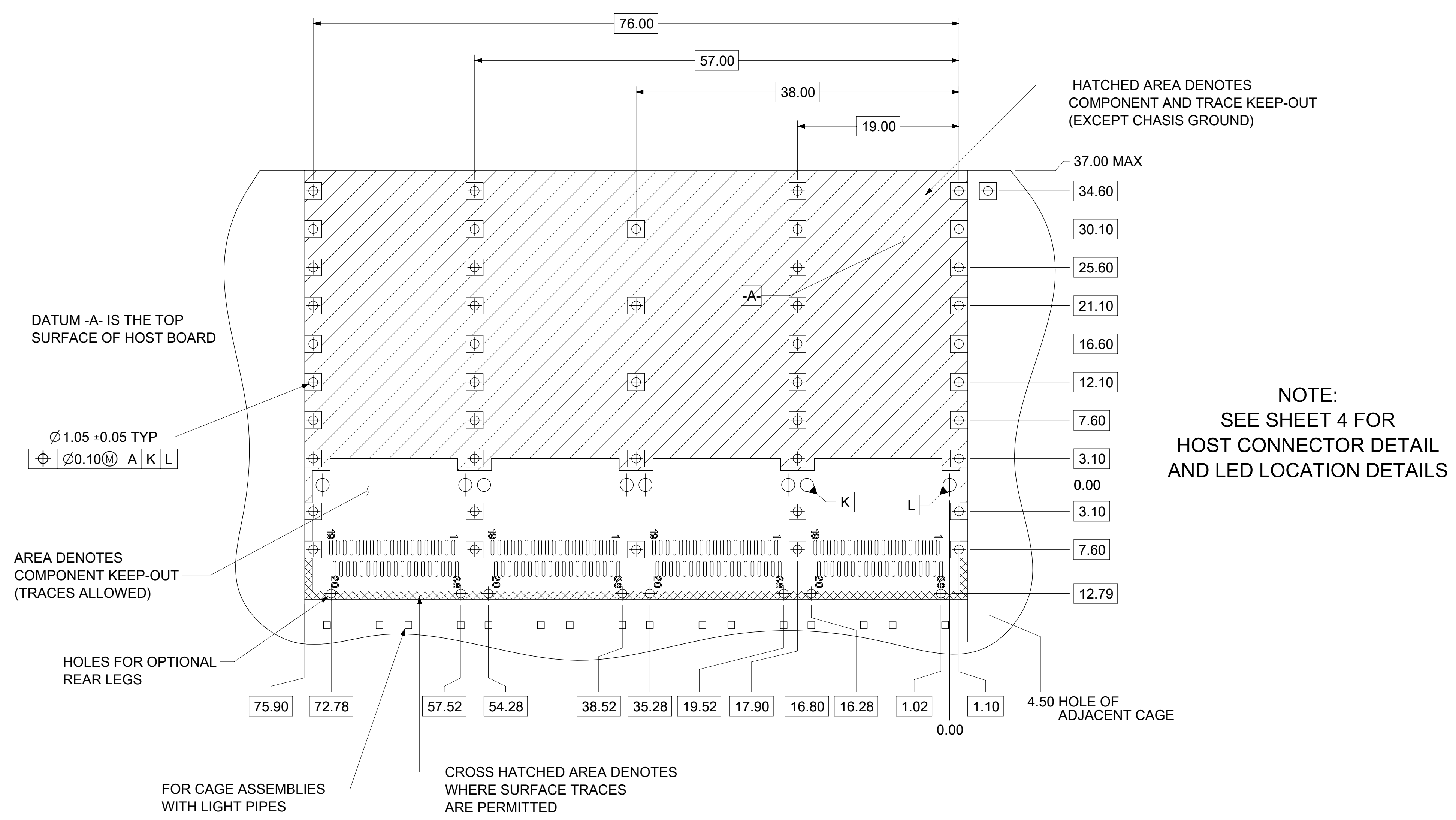NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERIES 170432.
4. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.

DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.		
mm	2.5:1		**molex**	

GENERAL TOLERANCES (UNLESS SPECIFIED)				
ANGULAR TOL ± 2.0°	EC NO: 737858		ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS	
4 PLACES ±	DRWN: SANTHN	2023/02/08		
3 PLACES ±	CHK'D: GGA	2023/02/24	PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.13	APPR: GGA	2023/02/24		
1 PLACE ± 0.25	INITIAL REVISION: DRWN: SJKG	2016/09/26	DOCUMENT NUMBER 1000177200	DOC TYPE PSD / DOC PART ASY / REVISION A3
0 PLACES ±	APPR: RCHEN08	2016/11/29		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING C-SIZE	SERIES 100017	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 4 OF 9

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/24	09:13:41

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

76.00

57.00

38.00

19.00

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

37.00 MAX

34.60

30.10

25.60

21.10

-A-

16.60

DATUM -A- IS THE TOP
SURFACE OF HOST BOARD

12.10

7.60

3.10

⌀1.05 ±0.05 TYP

0.00

⌖ ⌀0.10Ⓜ A K L

3.10

K   L

7.60

AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

12.79

HOLES FOR OPTIONAL
REAR LEGS

NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION DETAILS

4.50 HOLE OF
ADJACENT CAGE

| 75.90 | 72.78 | 57.52 | 54.28 | 38.52 | 35.28 | 19.52 | 17.90 | 16.80 | 16.28 | 1.02 | 1.10 |

0.00

FOR CAGE ASSEMBLIES
WITH LIGHT PIPES

CROSS HATCHED AREA DENOTES
WHERE SURFACE TRACES
ARE PERMITTED

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: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.		**molex**
mm	3:1			

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ZQSFP+ 1X4 GANGED CAGE ASSEMBLY
WING SPRING FINGER WITH H/S & LP OPTIONS

ANGULAR TOL	±	2.0 °	EC NO: 737858	
4 PLACES	±		DRWN: SANTHN	2023/02/08
3 PLACES	±		CHK'D: GGA	2023/02/24
2 PLACES	±	0.13	APPR: GGA	2023/02/24
1 PLACE	±	0.25	INITIAL REVISION: DRWN: SJKG	2016/09/26
0 PLACES	±		APPR: RCHEN08	2016/11/29

PRODUCT CUSTOMER DRAWING

| | | DOC TYPE | DOC PART | REVISION |
| DOCUMENT NUMBER 1000177200 | | PSD | ASY | A3 |

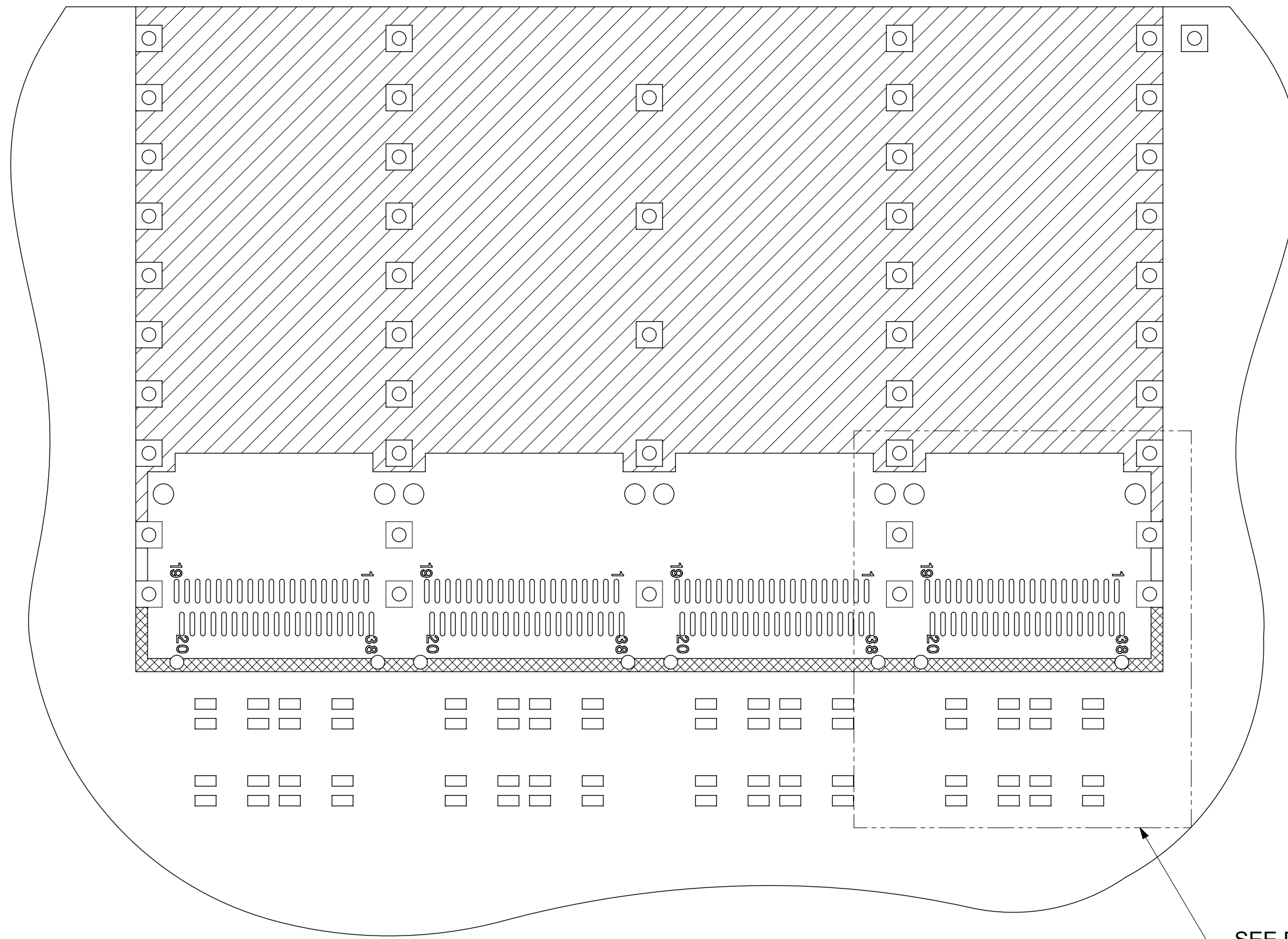| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION ⊕ ◁— | DRAWING C-SIZE | SERIES 100017 | MATERIAL NUMBER SEE TABLE | CUSTOMER GENERAL MARKET | SHEET NUMBER 5 OF 9 |

NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFF-8663 WILL ACCOMODATE MOLEX CONNECTOR SERRIES 170432.

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/24 | 09:13:41 |

LED PLACEMENT FOR 2 ROW QUAD LIGHT PIPE

SEE DETAIL 1

16.69 TYP

1.50 REF TYP

5.84 TYP

1.50 REF TYP

4X 3.20

4X 7.20

4X 9.60

4X 13.60
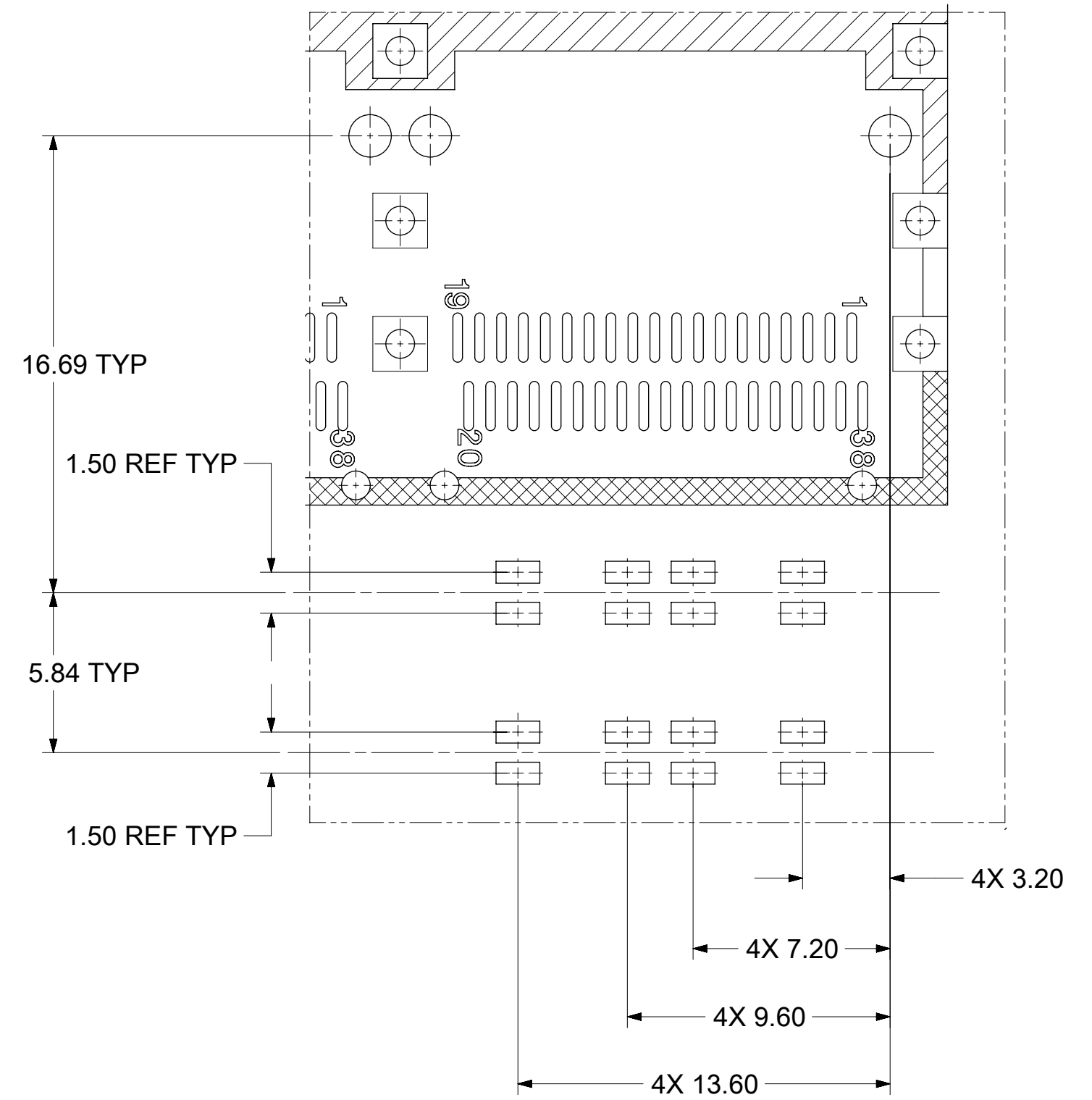
DETAIL 1
SCALE 5:1

NOTE:
SEE SHEET 4 FOR
HOST CONNECTOR DETAIL

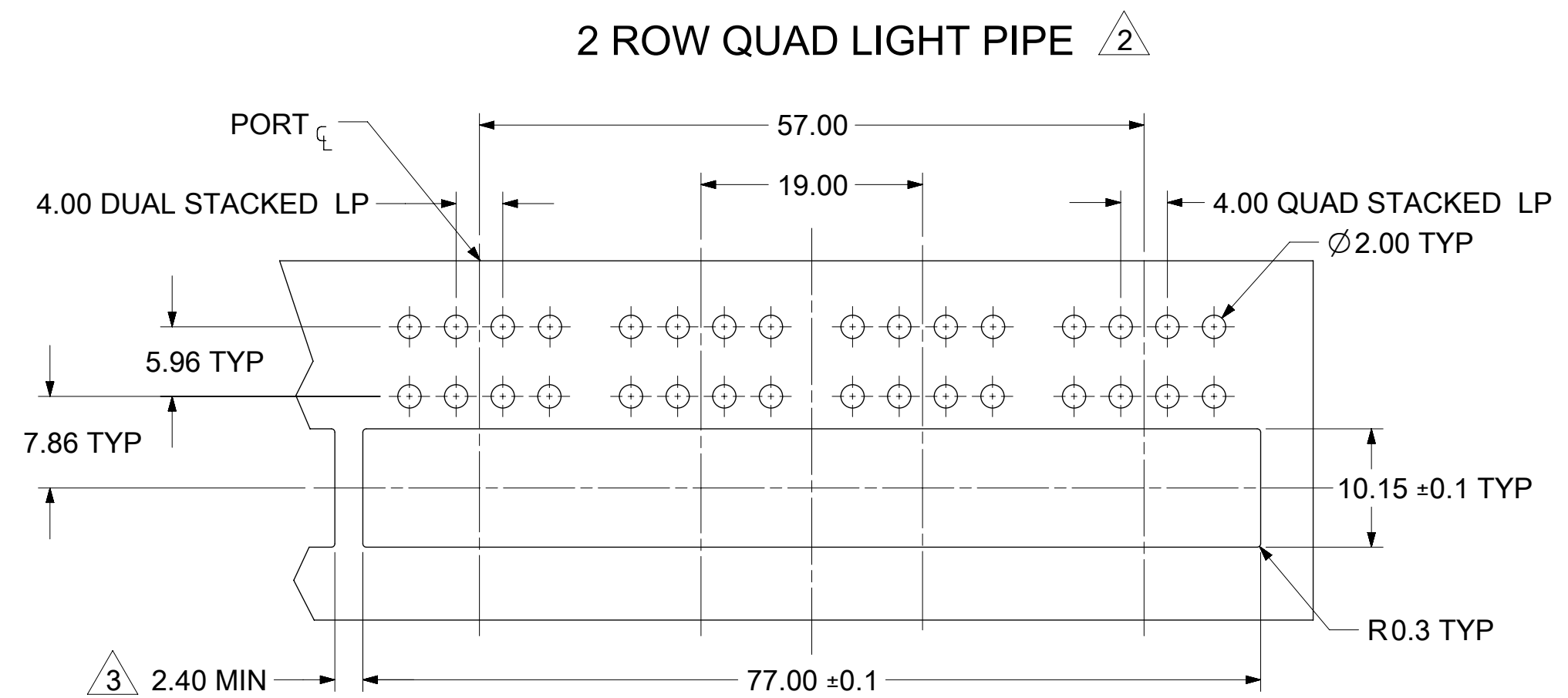| DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.		
mm	3:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				**molex**
ANGULAR TOL ± 2.0 °		EC NO: 737858		
4 PLACES ±		DRWN: SANTHN	2023/02/08	ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS
3 PLACES ±		CHK'D: GGA	2023/02/24	
2 PLACES ± 0.13		APPR: GGA	2023/02/24	PRODUCT CUSTOMER DRAWING
1 PLACE ± 0.25		INITIAL REVISION:		
		DRWN: SJKG	2016/09/26	DOCUMENT NUMBER: 1000177200
0 PLACES ±		APPR: RCHEN08	2016/11/29	

| | | | | DOC TYPE PSD | DOC PART ASY | REVISION A3 |

| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING C-SIZE | SERIES 100017 | MATERIAL NUMBER SEE TABLE | CUSTOMER GENERAL MARKET | SHEET NUMBER 6 OF 9 |

| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/02/24 | 09:13:41 |

BEZEL AND BOARD POSITION DIMENSIONS
FOR SINGLE SIDE MOUNTING

SINGLE LIGHT PIPE ⚠2

57.00
19.00
Ø2.67 TYP
7.86 TYP
10.15 ±0.1 TYP
R0.3 TYP
⚠3 2.40 MIN
77.00 ±0.1

43.8 REF (BEZEL CENTERLINE)
43.0 ±0.3 (BACK OF BEZEL)
CUTAWAY2
0.15 ±0.1
BEZEL OPENING BELOW
PCB PAD SURFACE
9.75 REF
(TOP OF CAGE
TO PAD SURFACE)
1.60 REF

DUAL/QUAD LIGHT PIPE ⚠2

PORT ℄
57.00
4.00 DUAL LP
19.00
12.00 QUAD LP
Ø2.67 TYP
7.86 TYP
10.15 ±0.1 TYP
R0.3 TYP
⚠3 2.40 MIN
77.00 ±0.1

2 ROW QUAD LIGHT PIPE ⚠2

PORT ℄
57.00
4.00 DUAL STACKED LP
19.00
4.00 QUAD STACKED LP
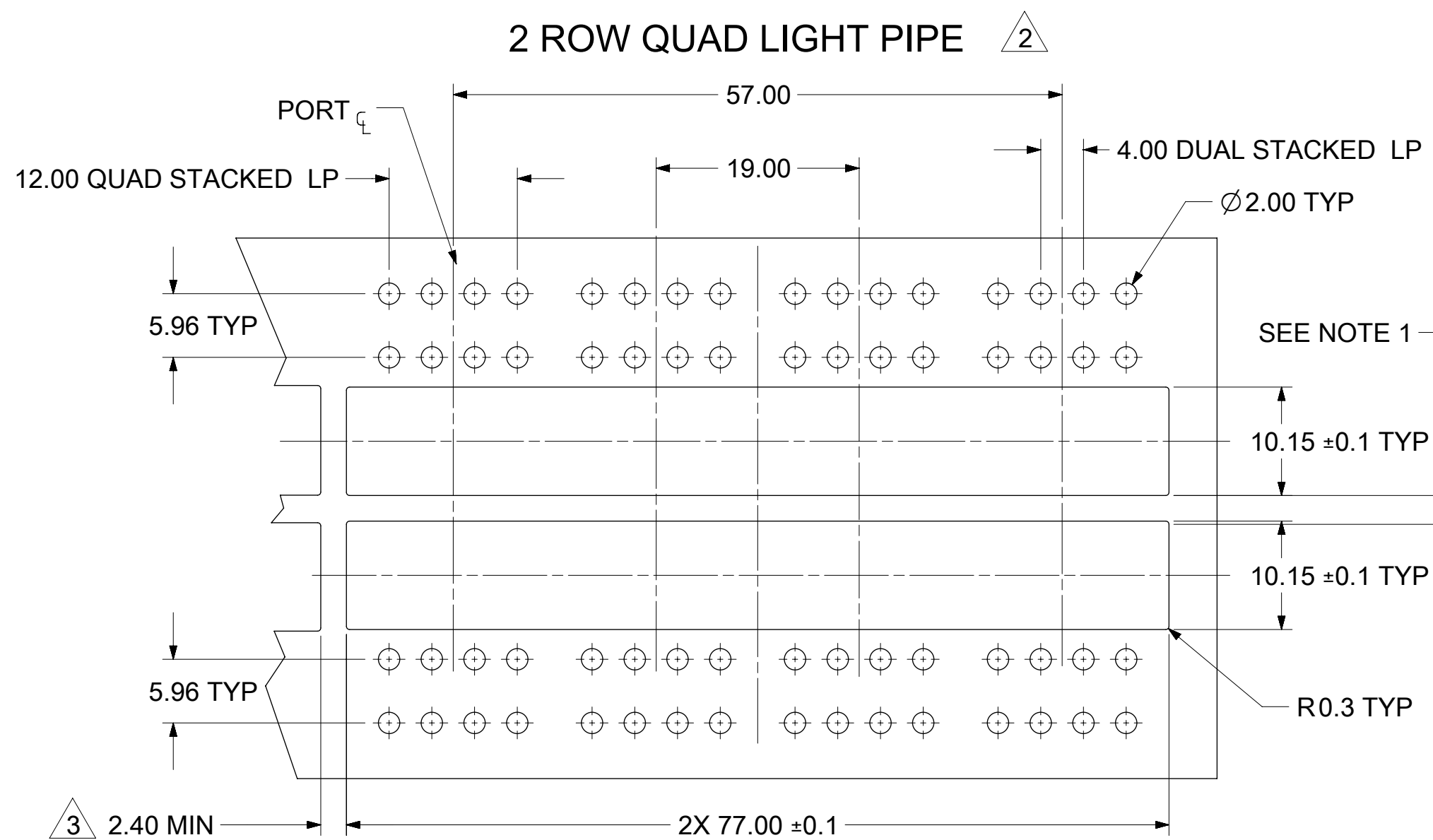Ø2.00 TYP
5.96 TYP
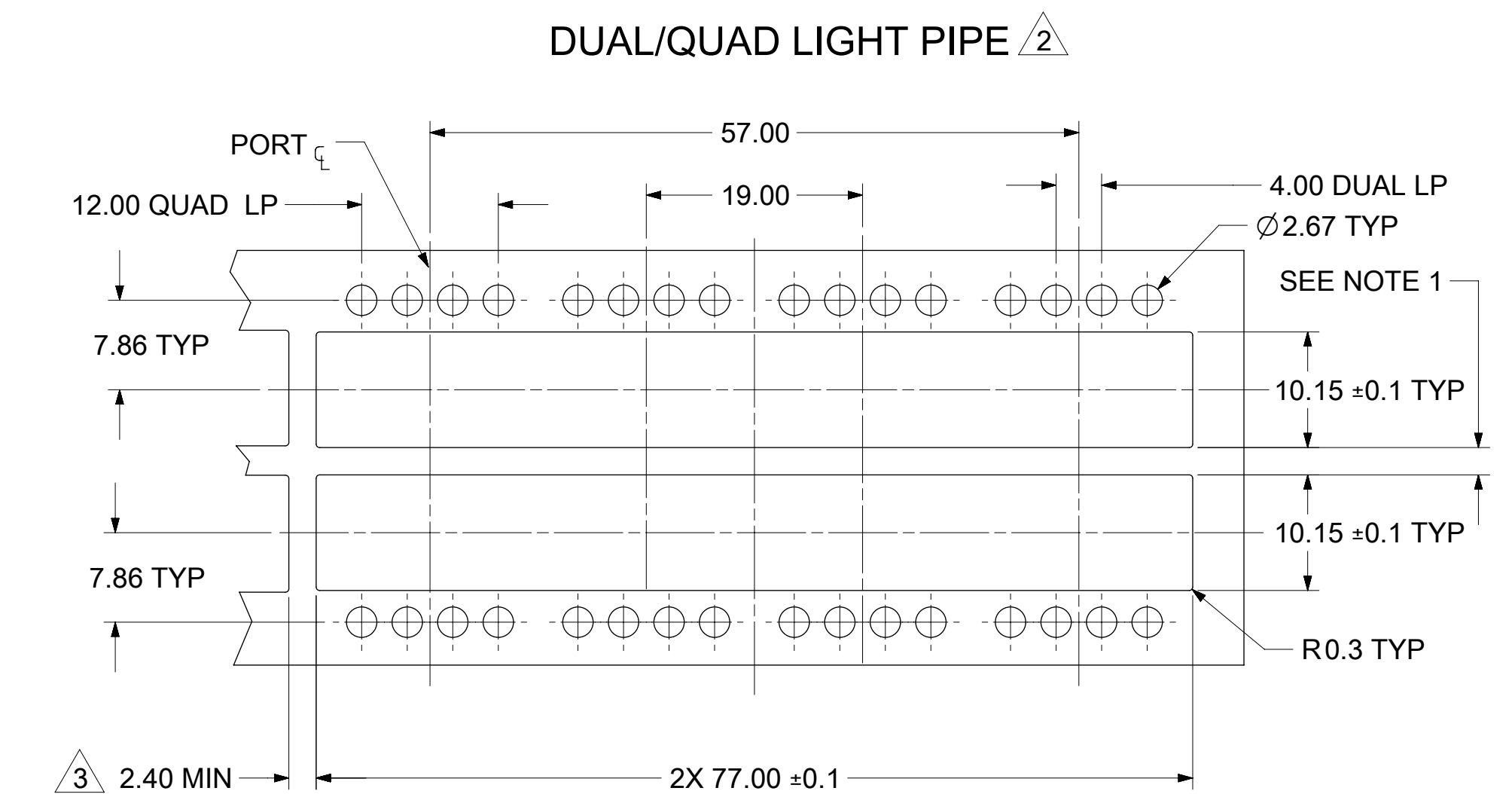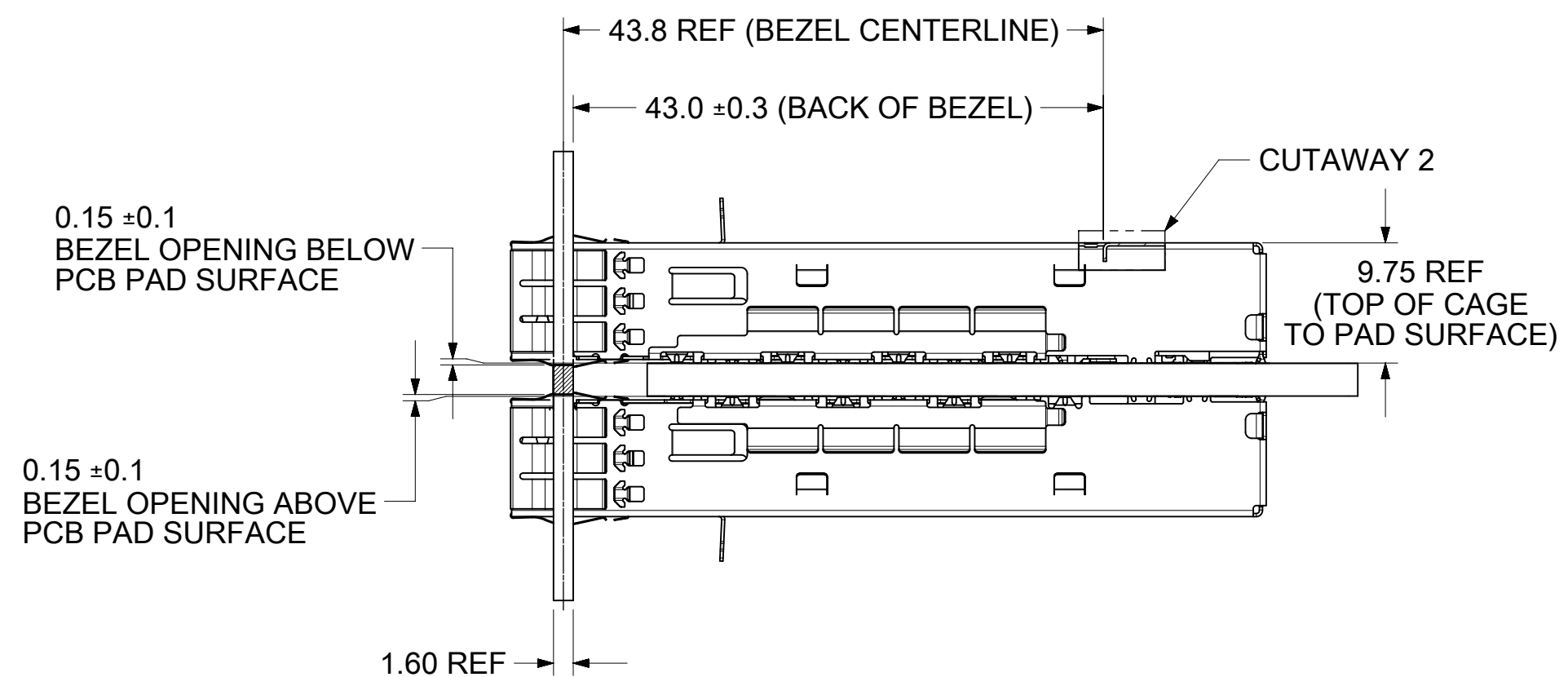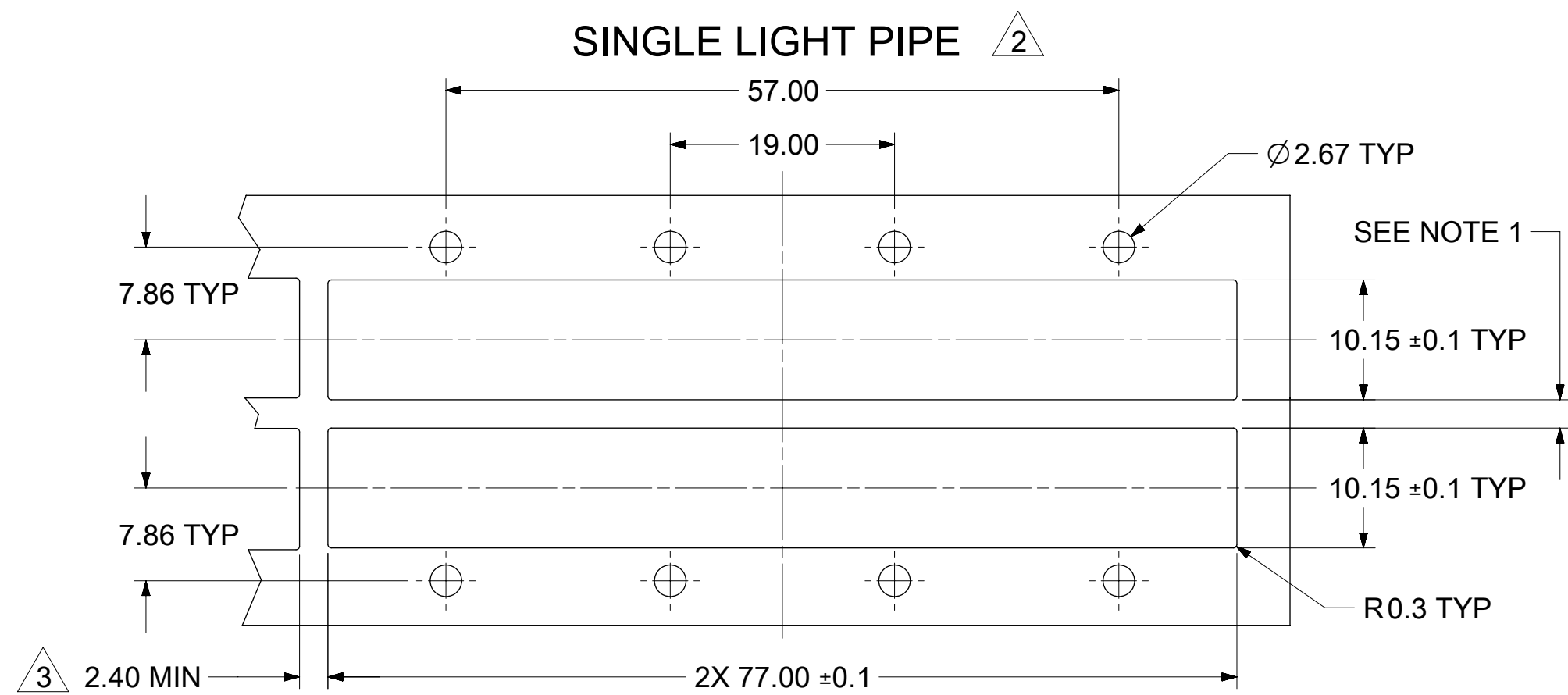7.86 TYP
10.15 ±0.1 TYP
R0.3 TYP
⚠3 2.40 MIN
77.00 ±0.1

NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING
   BEZEL OPENING LOCATION.
⚠2 NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
⚠3 THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION.
   (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.)

DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.			**molex**		
mm	2:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)							
ANGULAR TOL ± 2.0°		EC NO: 737858			ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS		
4 PLACES	±	DRWN: SANTHN		2023/02/08			
3 PLACES	±	CHK'D: GGA		2023/02/24	PRODUCT CUSTOMER DRAWING		
2 PLACES	± 0.13	APPR: GGA		2023/02/24	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1 PLACE	± 0.25	INITIAL REVISION: DRWN: SJKG		2016/09/26	1000177200	PSD	ASY	A3
0 PLACES	±	APPR: RCHEN08		2016/11/29			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING C-SIZE	SERIES 100017	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 7 OF 9

BEZEL AND BOARD POSITION DIMENSIONS
FOR BELLY TO BELLY MOUNTING

SINGLE LIGHT PIPE ⟨2⟩

- 57.00
- 19.00
- ⌀2.67 TYP
- SEE NOTE 1
- 7.86 TYP
- 10.15 ±0.1 TYP
- 10.15 ±0.1 TYP
- 7.86 TYP
- R0.3 TYP
- ⟨3⟩ 2.40 MIN
- 2X 77.00 ±0.1

- 43.8 REF (BEZEL CENTERLINE)
- 43.0 ±0.3 (BACK OF BEZEL)
- CUTAWAY 2
- 0.15 ±0.1 BEZEL OPENING BELOW PCB PAD SURFACE
- 9.75 REF (TOP OF CAGE TO PAD SURFACE)
- 0.15 ±0.1 BEZEL OPENING ABOVE PCB PAD SURFACE
- 1.60 REF

DUAL/QUAD LIGHT PIPE ⟨2⟩

- PORT ℄
- 12.00 QUAD LP
- 57.00
- 19.00
- 4.00 DUAL LP
- ⌀2.67 TYP
- SEE NOTE 1
- 7.86 TYP
- 10.15 ±0.1 TYP
- 10.15 ±0.1 TYP
- 7.86 TYP
- R0.3 TYP
- ⟨3⟩ 2.40 MIN
- 2X 77.00 ±0.1

2 ROW QUAD LIGHT PIPE ⟨2⟩

- PORT ℄
- 12.00 QUAD STACKED LP
- 57.00
- 19.00
- 4.00 DUAL STACKED LP
- ⌀2.00 TYP
- 5.96 TYP
- SEE NOTE 1
- 10.15 ±0.1 TYP
- 10.15 ±0.1 TYP
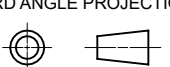- 5.96 TYP
- R0.3 TYP
- ⟨3⟩ 2.40 MIN
- 2X 77.00 ±0.1

NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
⟨2⟩ NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLIES WITH LIGHT PIPES.
⟨3⟩ THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION.
(THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.)

DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.			
mm	2:1		**molex**		
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL ± 2.0 °		EC NO: 737858	ZQSFP+ 1X4 GANGED CAGE ASSEMBLY WING SPRING FINGER WITH H/S & LP OPTIONS		
4 PLACES	±	DRWN: SANTHN 2023/02/08			
3 PLACES	±	CHK'D: GGA 2023/02/24			
2 PLACES	± 0.13	APPR: GGA 2023/02/24	PRODUCT CUSTOMER DRAWING		
1 PLACE	± 0.25	INITIAL REVISION:	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
0 PLACES	±	DRWN: SJKG 2016/09/26 APPR: RCHEN08 2016/11/29	1000177200	PSD	ASY	A3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION ⊕ ▷	DRAWING C-SIZE	SERIES 100017	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 8 OF 9

REV	DATE	DESCRIPTION
A	2016/11/25	INITIAL RELEASE

A1	2019/11/19	SHEET 2: D05: ADDED DIM 1.28 REF.
		SHEET 5: C07: ADDED DIM 19.52, 35.28 & 38.52
		       C09: ADDED DIM 54.28 & 57.52
		       C10: ADDED DIM 72.78
		SHEET 7: G01: CORRECTED TYPO DIM FROM 9.78 REF TO 9.75 REF
		SHEET 8: G01: CORRECTED TYPO DIM FROM 9.78 REF TO 9.75 REF

A2	2019/11/25	SHEET 7: F05: CORRECTED BEZEL OPENING POSITION FROM ABOVE THE PCB PAD TO BELOW .
A3	2023/02/08	REMOVED OBSOLETED PART NUMBER 1000177240.

molex

DIMENSION UNITS: mm
SCALE: 1:1

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#511691.

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	2.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

EC NO: 737858
DRWN: SANTHN — 2023/02/08
CHK'D: GGA — 2023/02/24
APPR: GGA — 2023/02/24

INITIAL REVISION:
DRWN: SJKG — 2016/09/26
APPR: RCHEN08 — 2016/11/29

ZQSFP+ 1X4 GANGED CAGE ASSEMBLY
WING SPRING FINGER WITH H/S & LP OPTIONS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1000177200
DOC TYPE: PSD
DOC PART: ASY
REVISION: A3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: C-SIZE
SERIES: 100017

MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 9 OF 9

DOCUMENT STATUS: P1
RELEASE DATE: 2023/02/24 09:13:41

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01