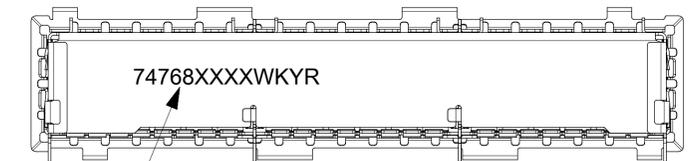
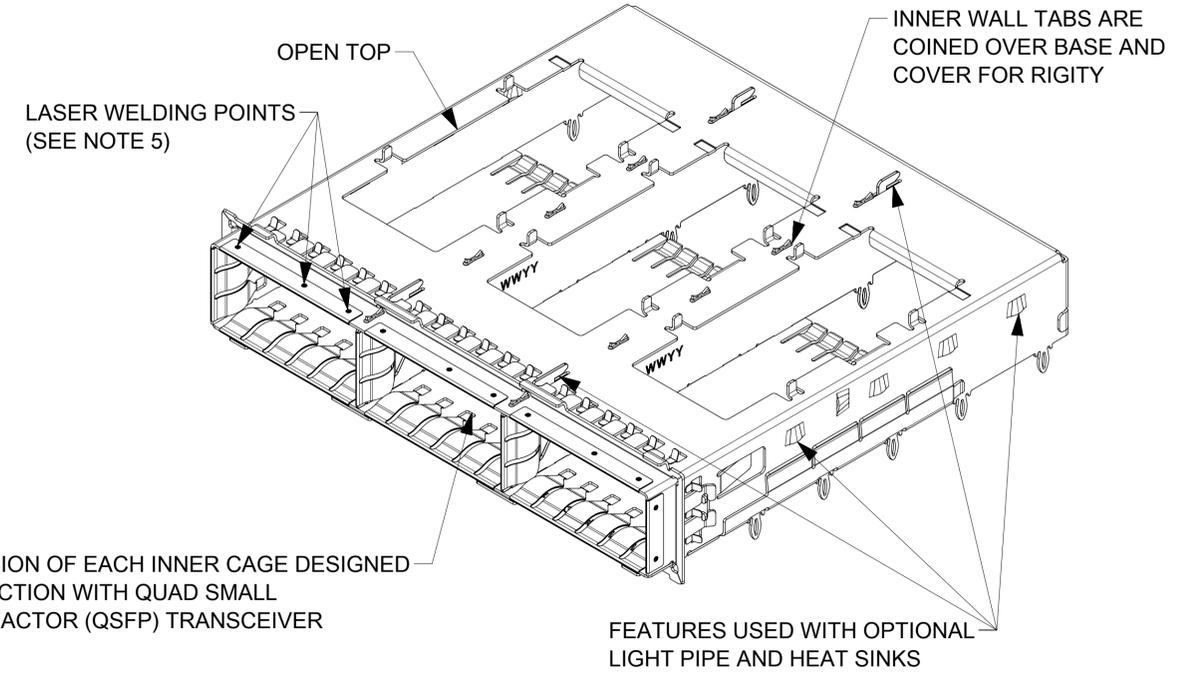
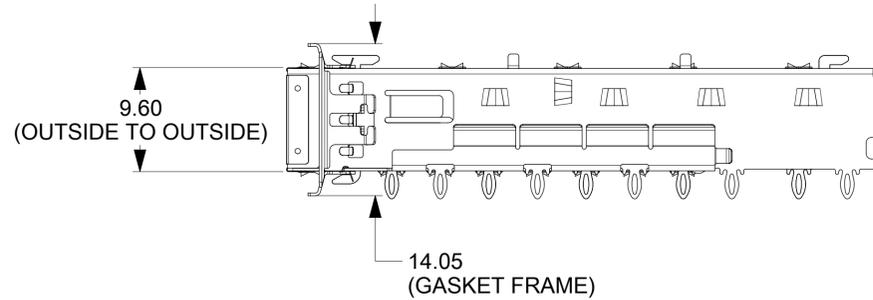
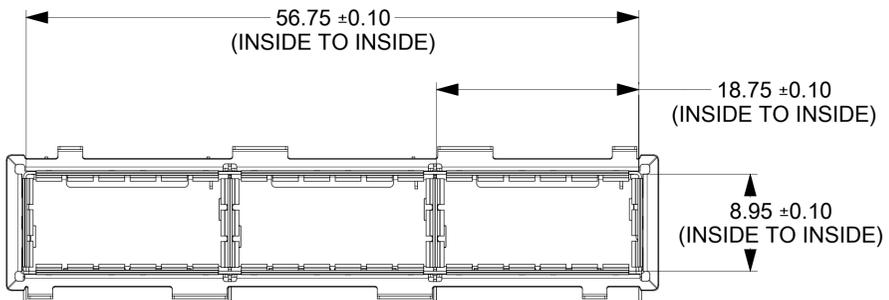
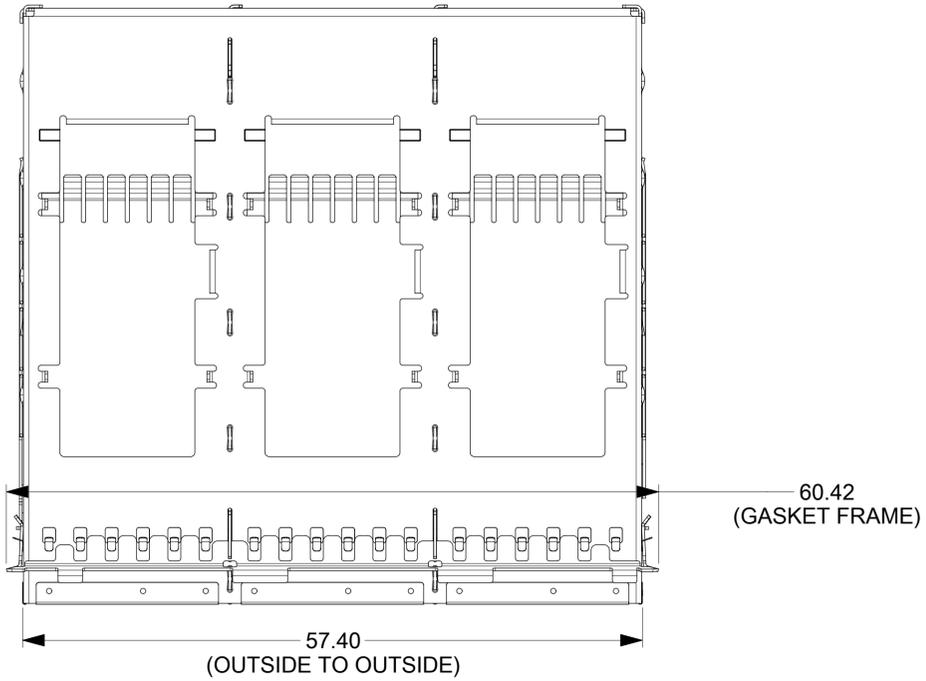


BASE CAGE DETAILS

(APPLIES TO ALL CAGES IN THIS DRAWING)

747683211

SHOWN



PART NO. 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	
WW	01 THRU 52 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YY	22, 23, 24 ETC. EXAMPLE: YEAR 2022 = 22

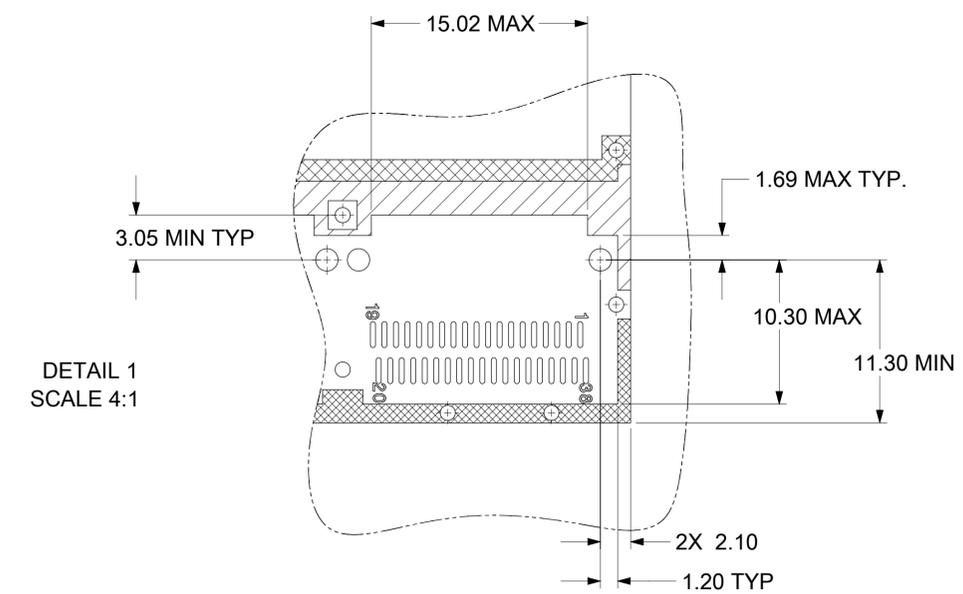
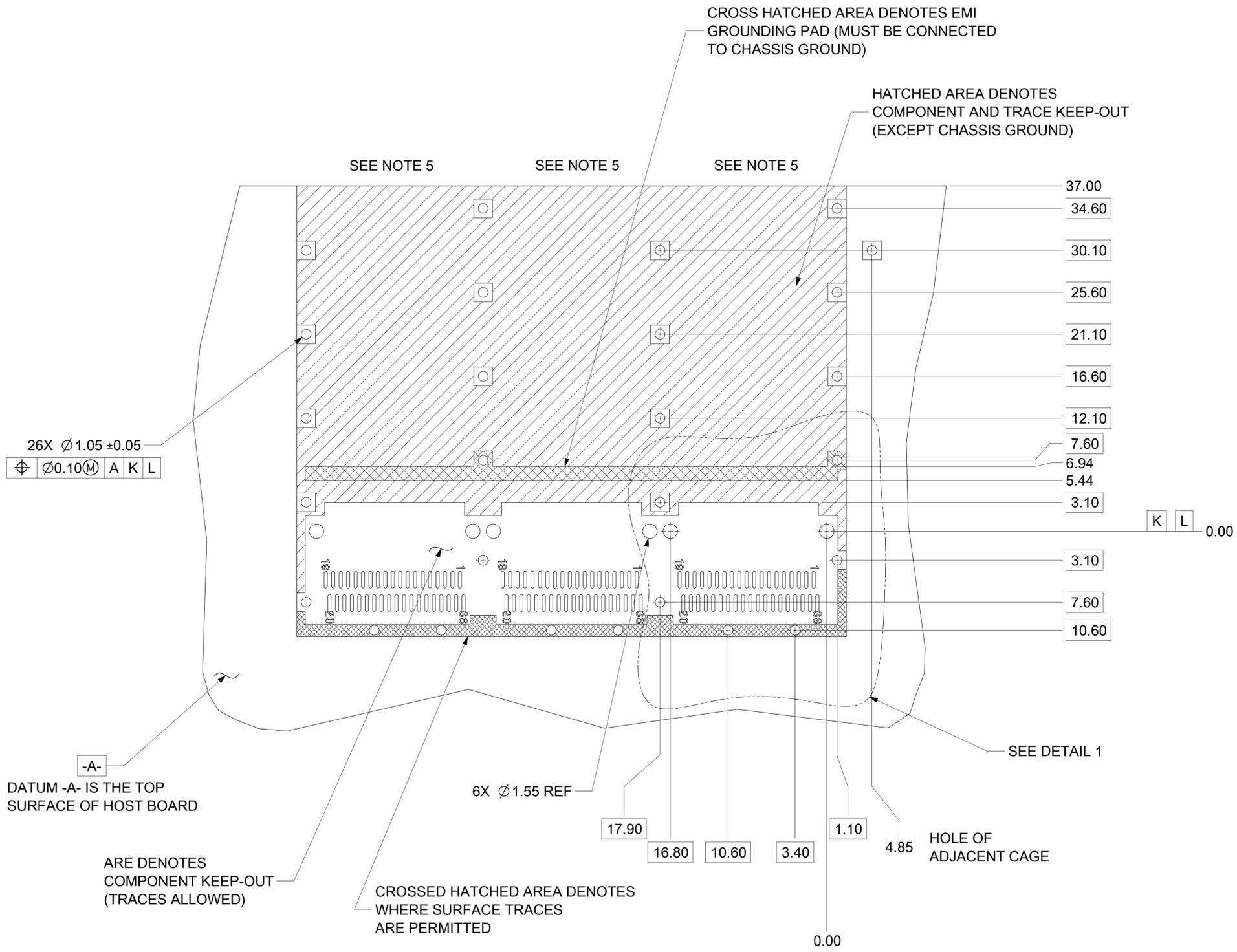
NOTES:

1. QSFP+ ASSEMBLES ALSO AVAILABLE AND 1X1 74750 SERIES, 1X2 (74767 SERIES), 1X4 (74769 SERIES) AND 1X6 (74771 SERIES) CONFIGURATIONS.
2. MATERIAL:
COVER/CLIP: STAINLESS STEEL
LIGHT PIPES: POLYCARBONATE (94-V0 RATED)
HEAT SINKS: ALUMINUM
CAGE: COPPER ALLOY
GASKET MATERIAL : ELASTOMER GASKET SILICONE, COLOUR BLACK
SPRING FINGER: STAINLESS STEEL
3. NO RoHS EXEMPTIONS
4. CUSTOM HEATSINKS AVAILABLE UPON REQUEST
5. WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION

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: SEE REVISION TABLE							
mm	3:1	<p>QSFP+ 1X3 GANGED CAGE ASSEMBLIES W/SUS SPRING FINGER</p> <p>PRODUCT CUSTOMER DRAWING</p>							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 1.0°								
4 PLACES	±								
3 PLACES	±								
2 PLACES	± 0.15	EC NO: 712623	2022/06/27	DOCUMENT NUMBER					
1 PLACE	± 0.25	DRWN: PKH	2022/06/27	747683211					
0 PLACES	±	CHK'D: DKUMARG	2022/06/29	PSD ASY A					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SCHIEN	2022/07/07	REVISION					
THIRD ANGLE PROJECTION		INITIAL REVISION:	2022/07/07	DOC TYPE DOC PART					
D-DRAWING		DRWN: PKH	2022/06/27	SHEET NUMBER					
SERIES		APPR: SCHIEN	2022/07/07	1 OF 5					
D-DRAWING		74768		SEE P/N TABLE					

PCB LAYOUT FOR SINGLE SIDED MOUNTING

HOST CONNECTOR DETAIL



- NOTES:
- PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
 - RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 - CONNECTOR PAD LAYOUT PER QSFP MSA WILL ACCOMODATE MOLEX CONNECTOR 75586-0010 OR 75586-0011.
 - SINGLE SIDE BOARD THICKNESS:
NONIMAL: 1.60
MINIMUM: 1.44
 - SPACING BETWEEN PORTS IS 19.00

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: SEE REVISION TABLE									
mm	4:1	<p>QSFP+ 1X3 GANGED CAGE ASSEMBLIES W/SUS SPRING FINGER</p> <p>PRODUCT CUSTOMER DRAWING</p>									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL	± 1.0°										
4 PLACES	±										
3 PLACES	±										
2 PLACES	± 0.15										
1 PLACE	± 0.25	EC NO: 712623	DRWN: PKH	2022/06/27	DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
0 PLACES	±	DRWN: PKH	2022/06/27	747683211				PSD	ASY	A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
			D-SIZE	74768	SEE P/N TABLE		2 OF 5				

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/07	13:29:41
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PCB LAYOUT FOR BELLY TO BELLY MOUNTING

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

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

SEE NOTE 5

SEE NOTE 5

SEE NOTE 5

37.0 MAX.

34.60

30.10

25.60

21.10

16.60

12.10

7.60

6.94

5.44

3.10

3.10

7.60

10.60

K

L

0.00

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

52X $\varnothing 1.05 \pm 0.05$
 $\varnothing 0.10$ M A K L

-A-
DATUM -A- IS THE TOP
SURFACE OF HOST BOARD

ARE DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

CROSSED HATCHED AREA DENOTES
WHERE SURFACE TRACES
ARE PERMITTED

6X $\varnothing 1.55$ REF.

HOLE OF
ADJACENT CAGE

17.90

16.80

13.40

10.60

6.20

3.40

1.10

4.85

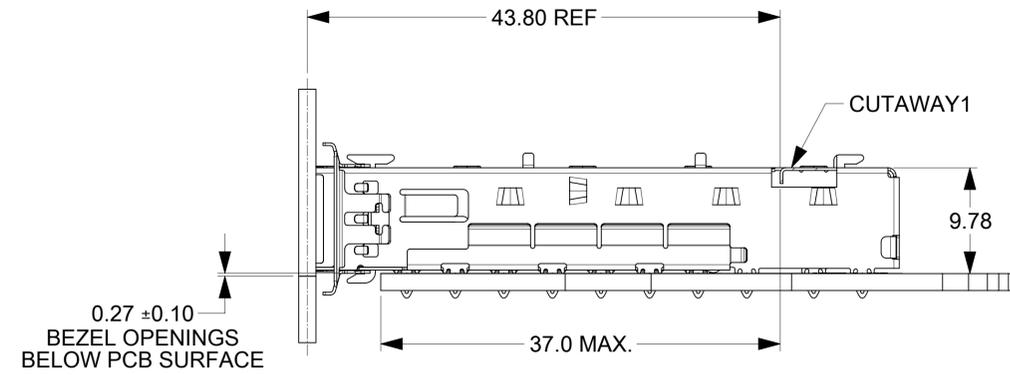
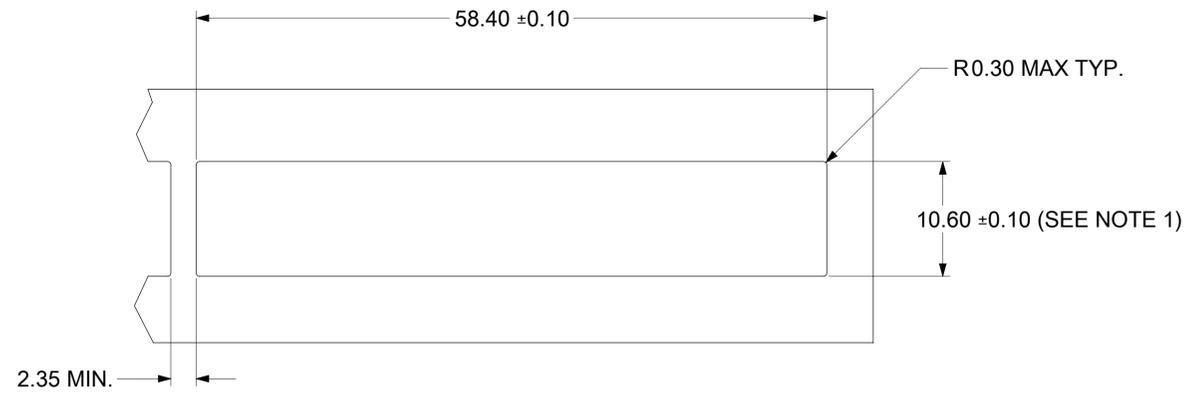
0.00

- NOTES:
- PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
 - RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
 - CONNECTOR PAD LAYOUT PER QSFP MSA WILL ACCOMODATE MOLEX CONNECTOR 75586-0010 OR 75586-0011.
 - BELLY TO BELLY BOARD THICKNESS:
NONIMAL: 2.90
MINIMUM: 2.48
 - SPACING BETWEEN PORTS IS 19.00

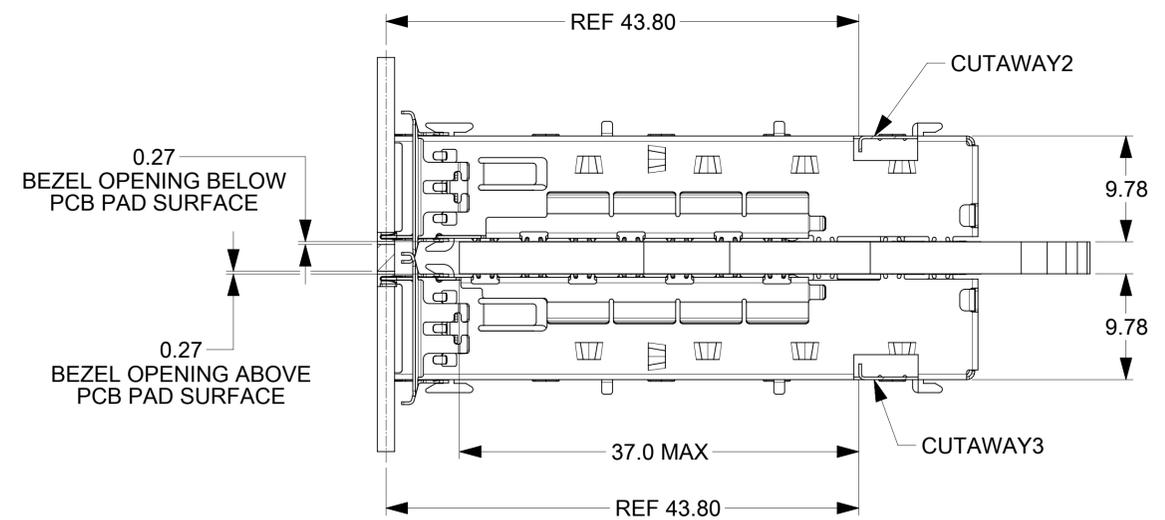
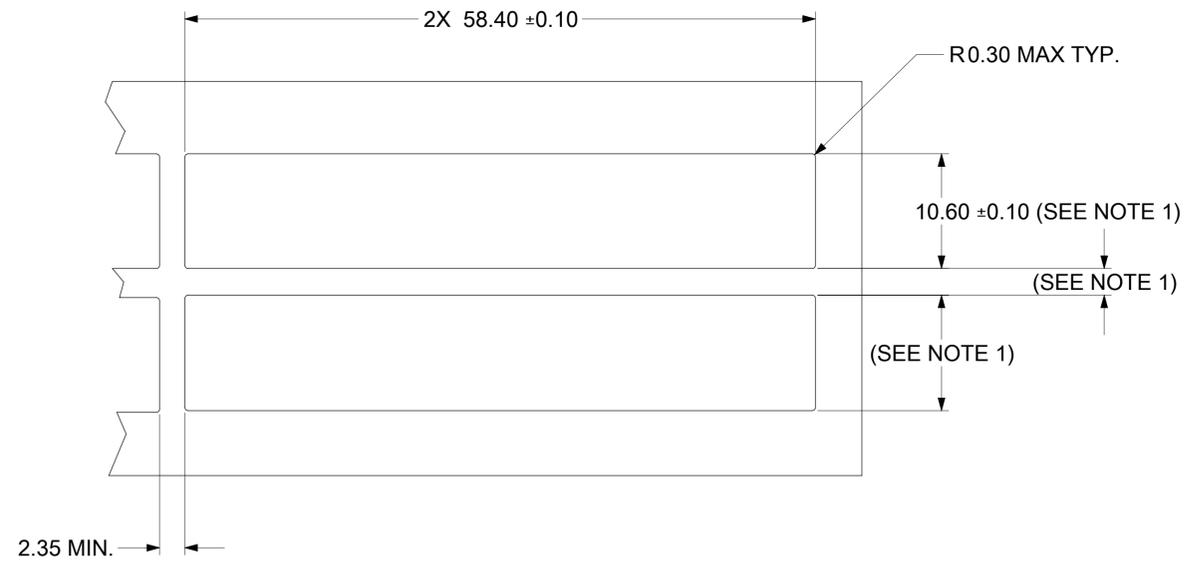
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE					
mm	4:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 712623		QSFP+ 1X3 GANGED CAGE ASSEMBLIES W/SUS SPRING FINGER			
ANGULAR TOL $\pm 1.0^\circ$		DRWN: PKH 2022/06/27		PRODUCT CUSTOMER DRAWING			
4 PLACES \pm		CHK'D: DKUMARG 2022/06/29		DOCUMENT NUMBER			
3 PLACES \pm		APPR: SCHIEN 2022/07/07		747683211			
2 PLACES ± 0.15		INITIAL REVISION:		DOC TYPE		DOC PART	
1 PLACE ± 0.25		DRWN: PKH 2022/06/27		PSD		ASY	
0 PLACES \pm		APPR: SCHIEN 2022/07/07		REVISION		A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			D-SIZE	74768	SEE P/N TABLE		3 OF 5

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



BOARD AND BEZEL POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



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DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE					
mm	3:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 712623 DRWN: PKH 2022/06/27 CHK'D: DKUMARG 2022/06/29 APPR: SCHIEN 2022/07/07			
ANGULAR TOL ± 1.0°				INITIAL REVISION: DRWN: PKH 2022/06/27 APPR: SCHIEN 2022/07/07			
4 PLACES ±				DOCUMENT NUMBER			
3 PLACES ±				747683211			
2 PLACES ± 0.15				DOC TYPE		DOC PART	
1 PLACE ± 0.25				PSD		ASY	
0 PLACES ±				REVISION		A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	
						D-SIZE	
				SERIES		74768	
				MATERIAL NUMBER		SEE P/N TABLE	
				CUSTOMER		SHEET NUMBER	
						4 OF 5	

NOTES:
 1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE AND LOCATION.

