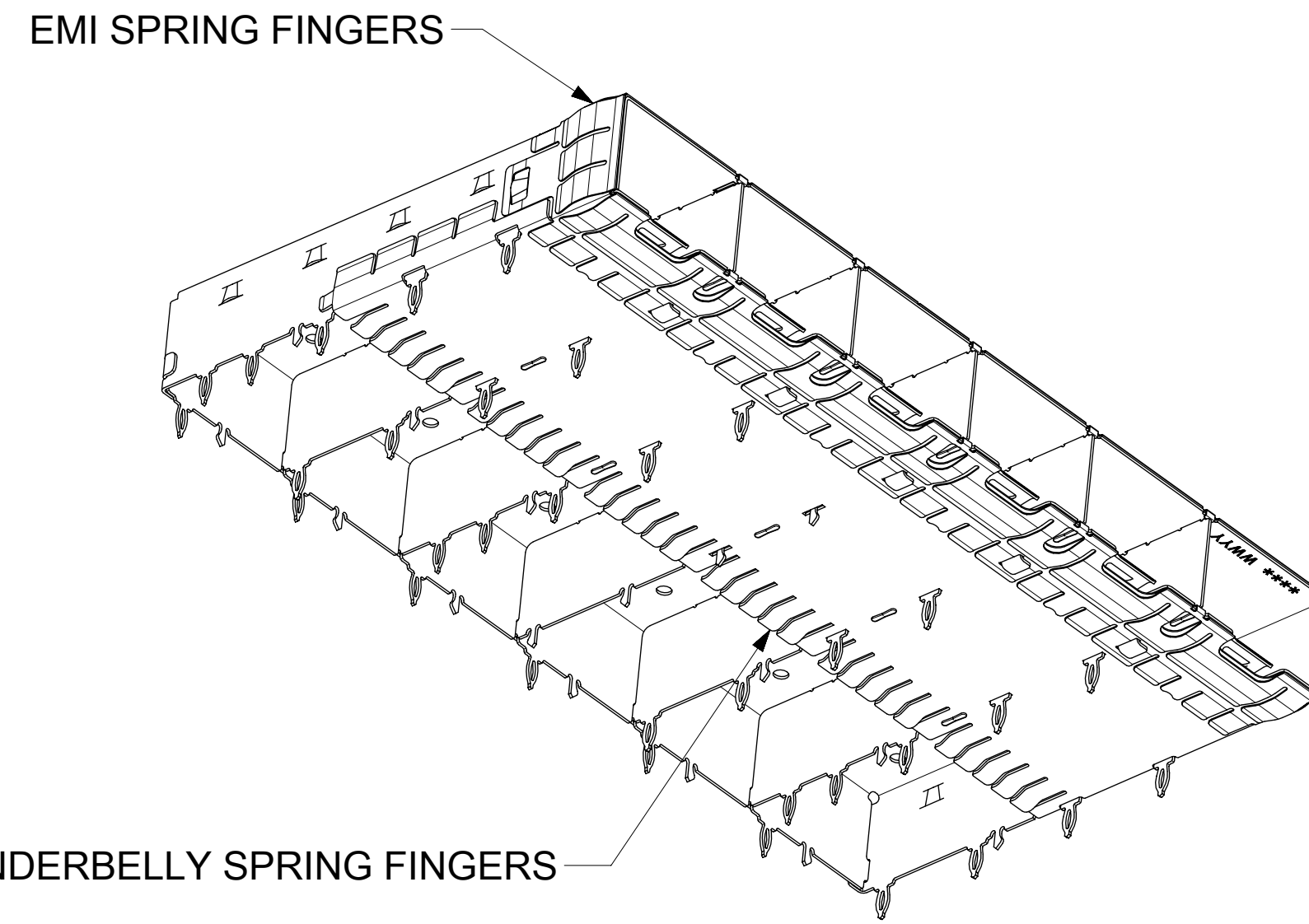
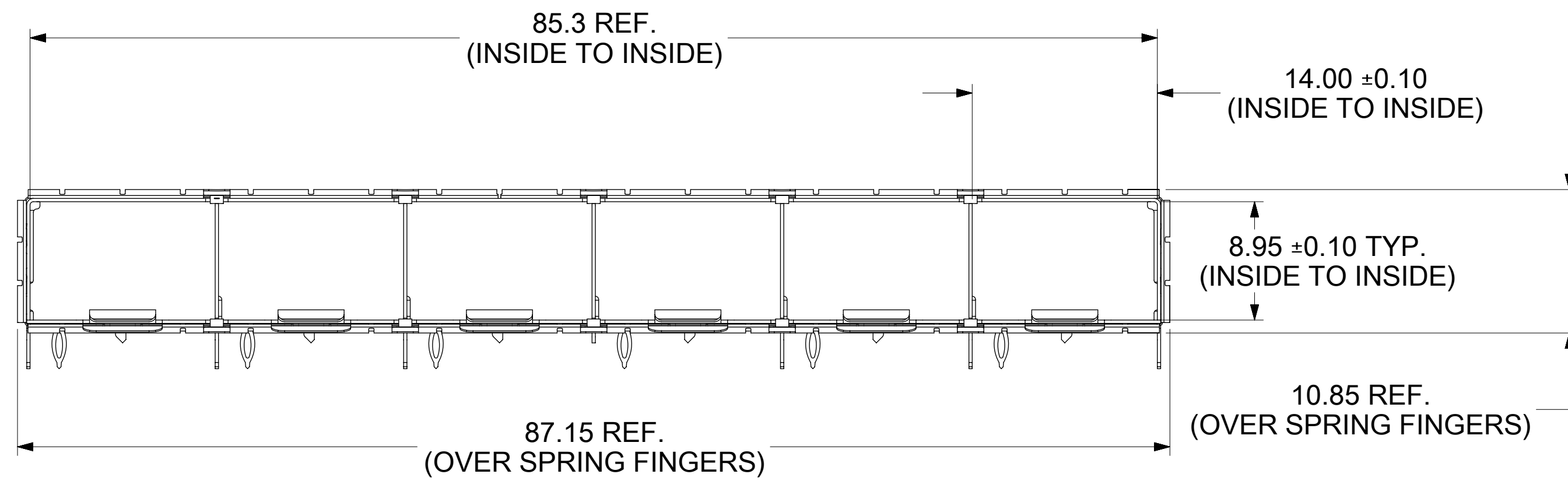
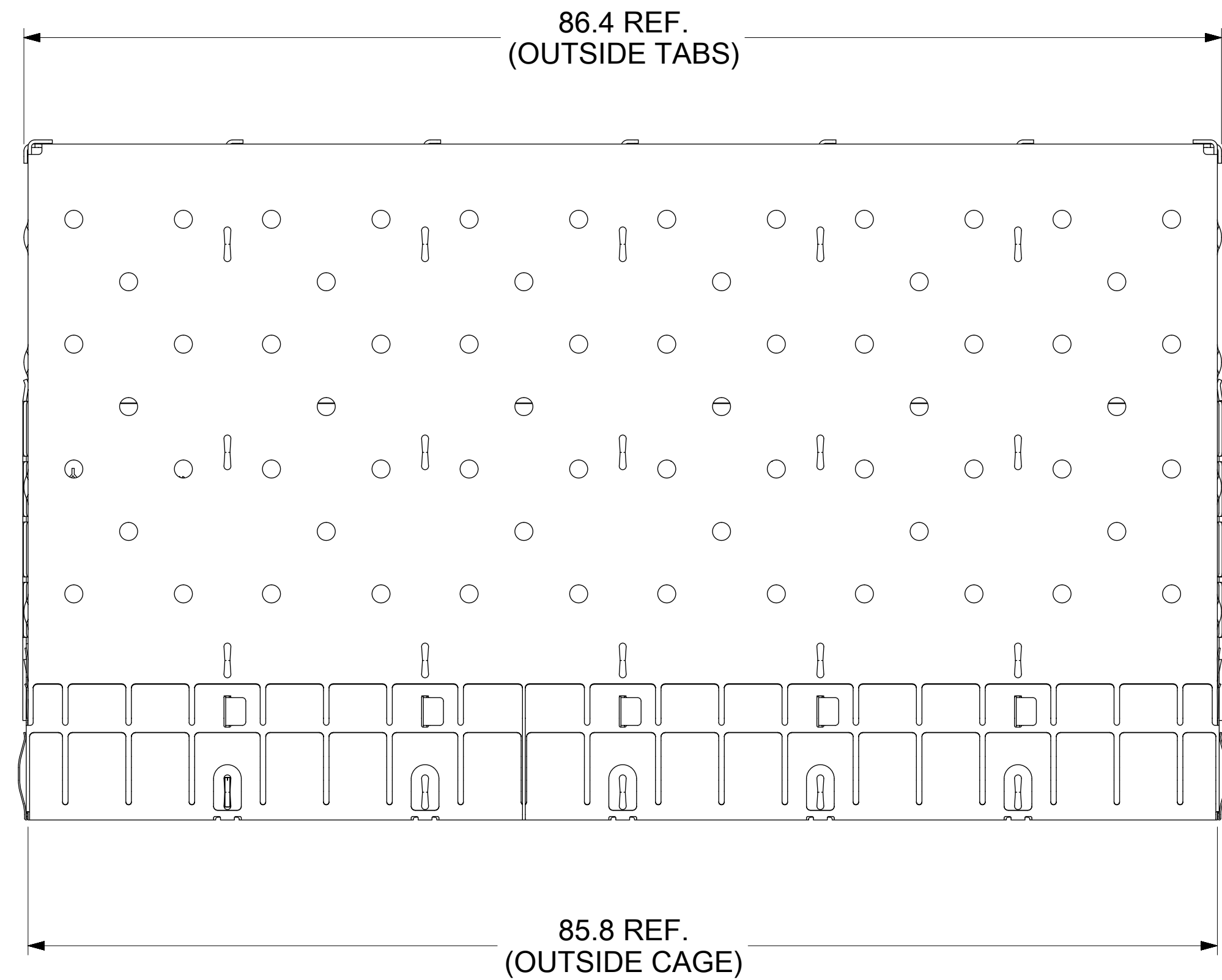
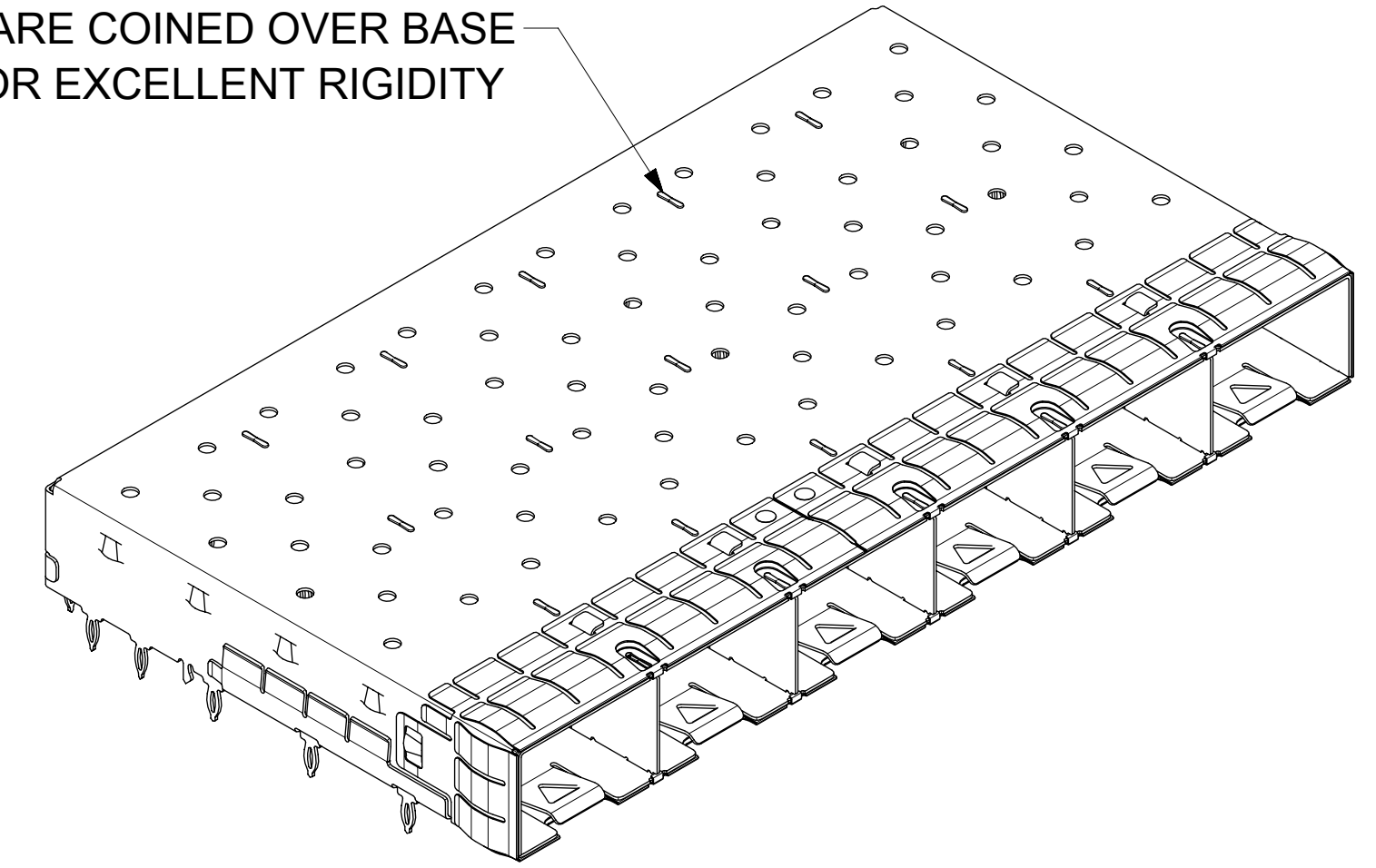


COMMON DIMENSION

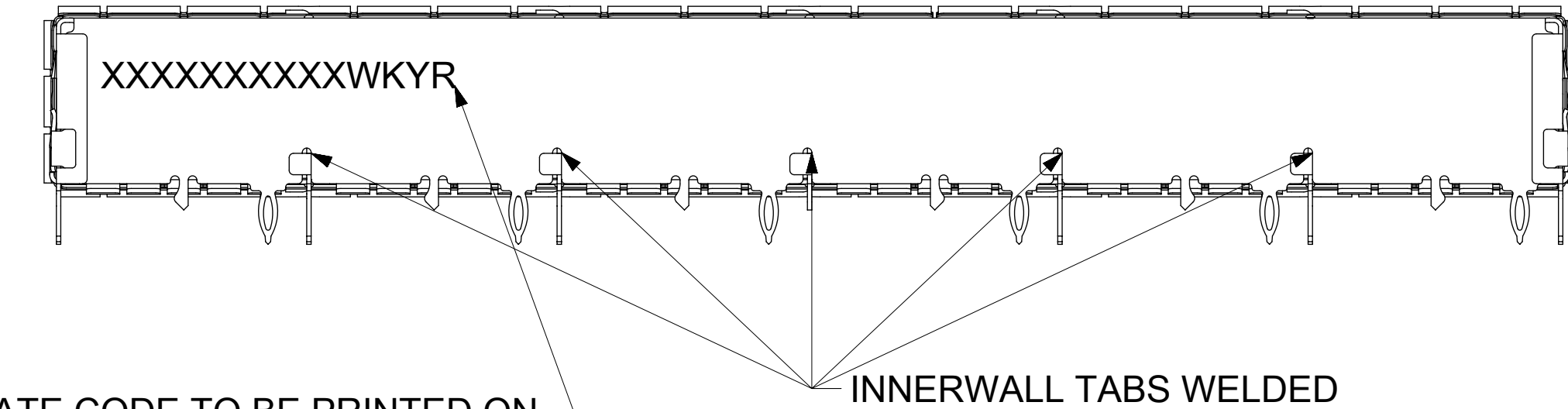
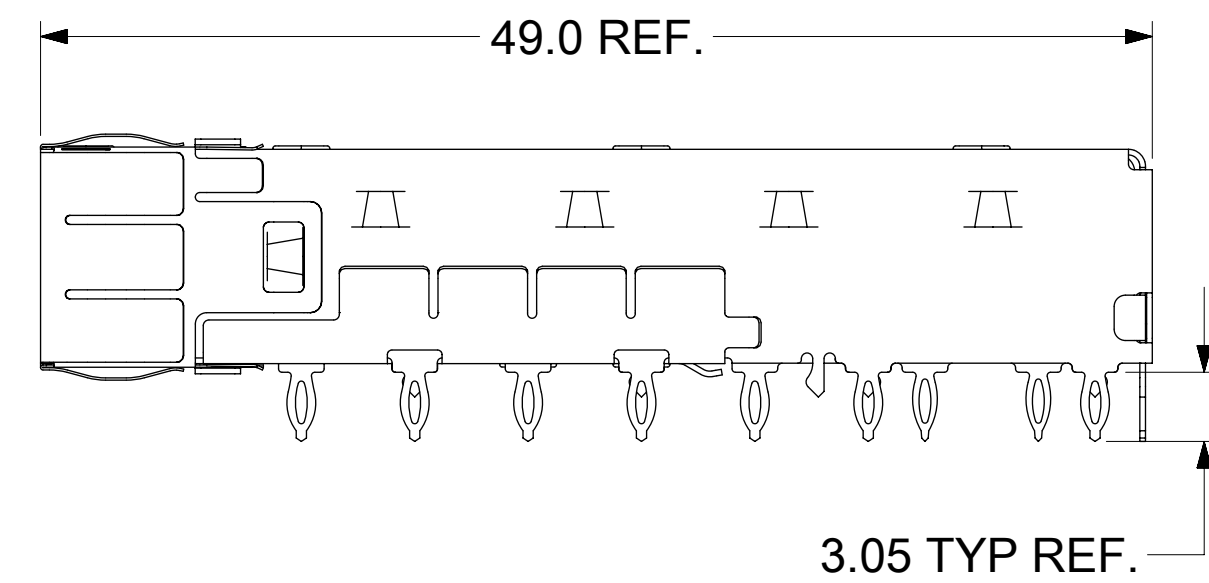
74754-8620
SHOWN



INNER WALLS ARE COINED OVER BASE AND COVER FOR EXCELLENT RIGIDITY



SFP+ 1X6 CAGES PRESS FIT W/ SPRING FINGERS		
MOLEX P/N	DESCRIPTION	PLATING
747548620	SFP+ 1X6 CAGE PRESS FIT W/2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 μm)
747548688	SFP+ 1X6 CAGE PRESS FIT W/12 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 μm)



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF CAGE APPROXIMATE AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

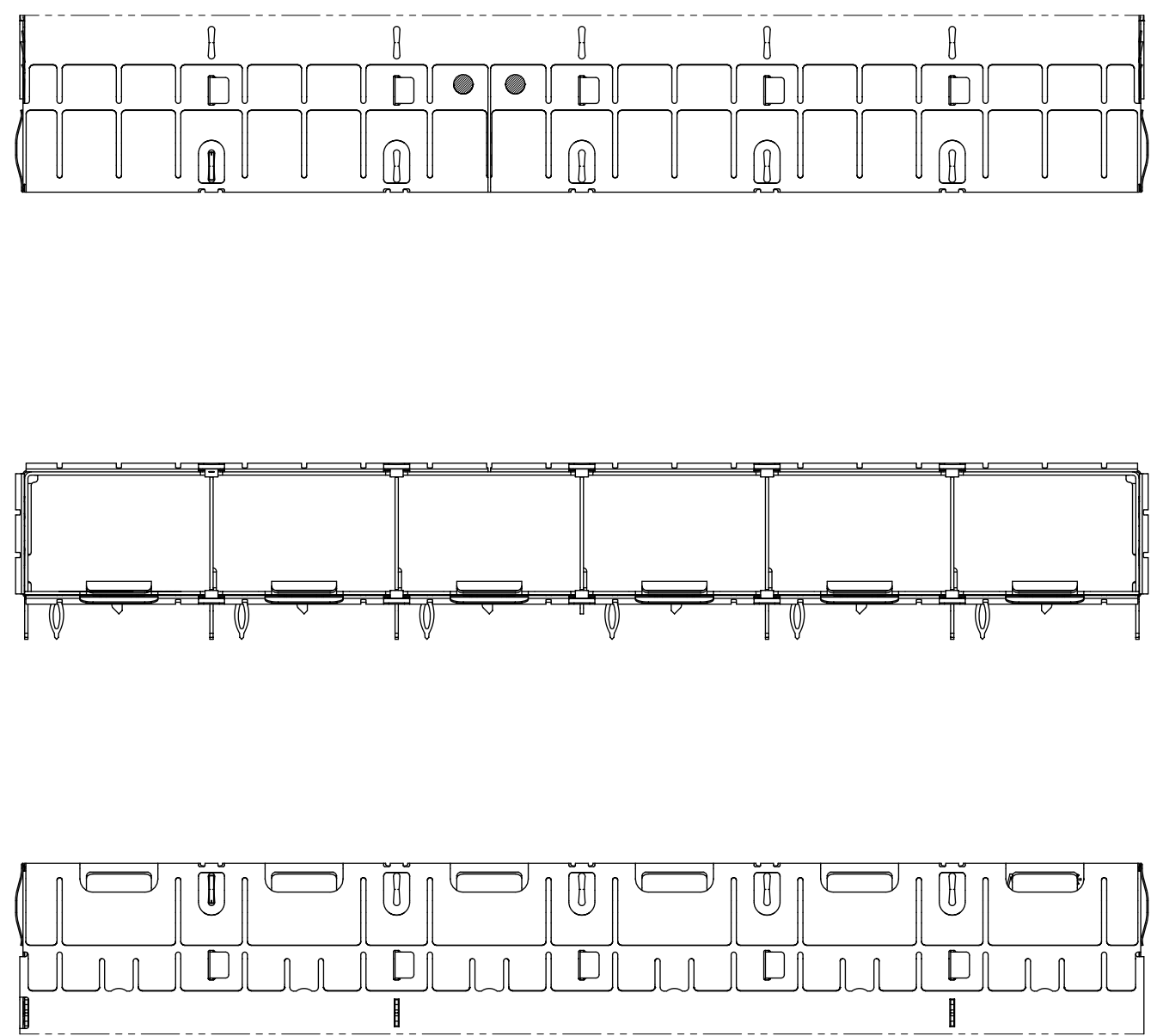
WEEK / YEAR DATE CODE:	
WK	01 THRU 52 OR 53. EXAMPLE: 01 = FIRST WEEK OF YEAR 52 OR 53 = LAST WEEK OF YEAR.
YR	22, 23, 24, EXAMPLE: 2022=22

NOTES:

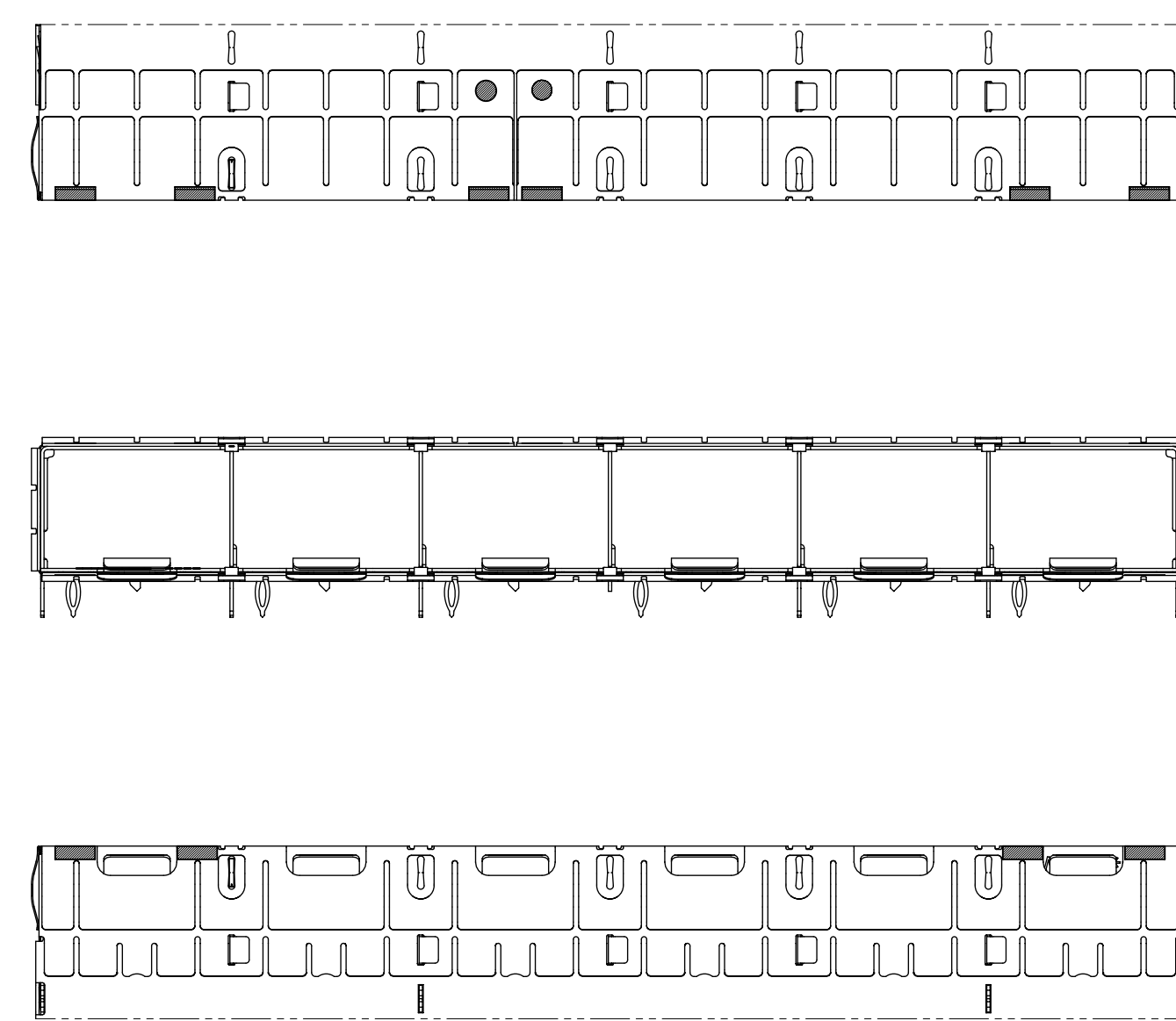
- MATERIAL:
CAGE: COPPER ALLOY, THICKNESS 0.25mm.
SPRING FINGER: STAINLESS STEEL.
- PRESS FIT LEGS 3.05 LONG -
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
- OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
- WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION.
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS.
- NO RoHS EXEMPTIONS.

FUNCTIONAL SYMBOLS FA = 0 FE = 0 FP = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE			
	DIMENSION UNITS: mm SCALE: 3:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 706897		
	ANGULAR TOL: ± °	4 PLACES ±		DRWN: PKH 2022/04/05		
	3 PLACES ±	2 PLACES ± 0.15		CHK'D: TKUMARKC 2022/05/18		
2 PLACES ± 0.25	1 PLACE ± 0.25		APPR: SCHIEN 2022/05/19			
0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: PKH 2022/04/05 APPR: SCHIEN 2022/05/19		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 747548620	
THIRD ANGLE PROJECTION		DRAWING: D-SIZE		SERIES: 74754		
MATERIAL NUMBER: SEE P/N TABLE		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 1 OF 6		

WELD LOCATION FOR FRONT SPRING FINGER FOR 747548620



WELD LOCATION FOR FRONT SPRING FINGER FOR 747548688



FUNCTIONAL SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FA = 0		mm		SCALE 2:1		CURRENT REV DESC: SEE REVISION TABLE								molex					
FC = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 706897				SFP+ 1X6 CAGE, PRESS FIT									
FD = 0		ANGULAR TOL ± °				DRWN: PKH 2022/04/05				W/ SUS EMI SPRING FINGER, BELLY TO BELLY MNTG									
DIVISIONAL SYMBOLS		4 PLACES ±		3 PLACES ±		CHK'D: TKUMARKC 2022/05/18				PRODUCT CUSTOMER DRAWING									
		2 PLACES ± 0.15		2 PLACES ±		APPR: SCHIEN 2022/05/19				INITIAL REVISION:									
		1 PLACE ± 0.25		1 PLACE ±		DRWN: PKH 2022/04/05				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
		0 PLACES ±		0 PLACES ±		APPR: SCHIEN 2022/05/19				747548620		PSD		ASY		A			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						D-SIZE		74754		SEE P/N TABLE		GENERAL MARKET		2 OF 6					

PCB LAYOUT FOR SINGLE SIDE MOUNT

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

CROSS HATCHED AREA GOES TO CHASSIS GROUND (NO OSP) 6 PLCS

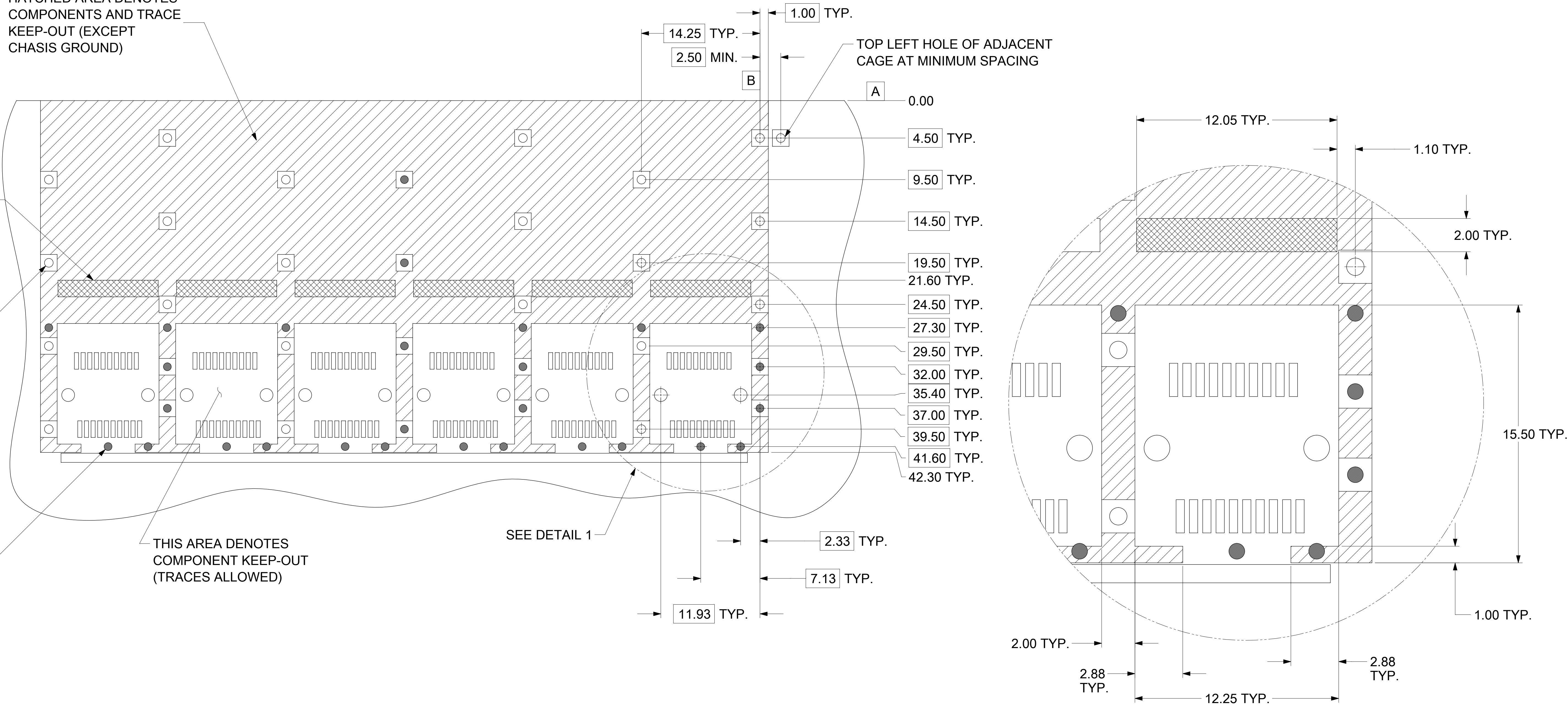
21X $\varnothing 1.05 \pm 0.05$
(SHOWN AS \oplus)
 $\oplus 0.10$ A B

28X $\varnothing 0.95 \pm 0.05$
(SHOWN AS \bullet)
 $\oplus 0.10$ A B

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL 1

TOP LEFT HOLE OF ADJACENT CAGE AT MINIMUM SPACING



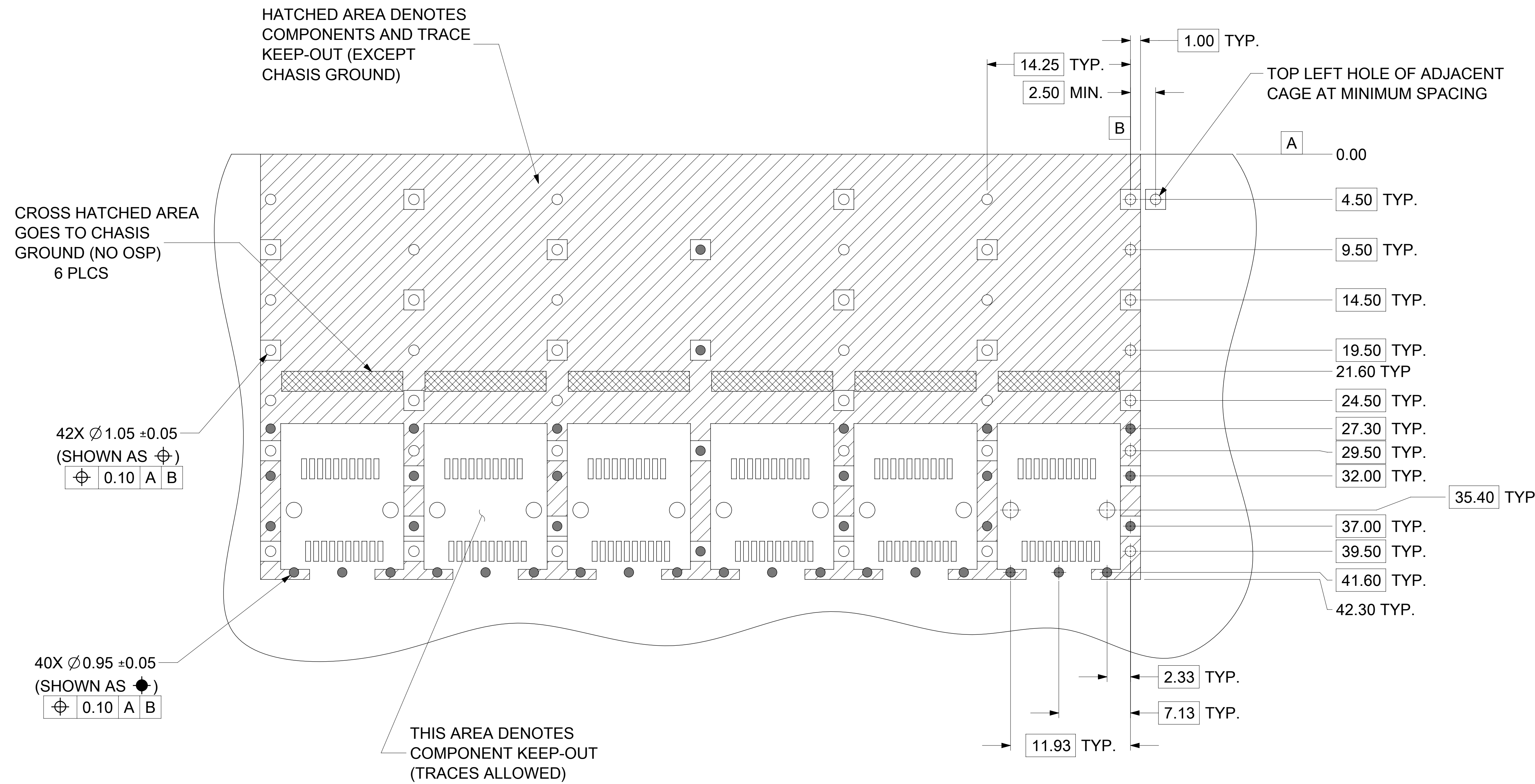
DETAIL 1
SCALE 8:1
HOST CONNECTOR DETAIL

NOTES:

1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND 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 SFP+ MSA WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE				
	FA = 0	mm	SCALE 4:1				
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 706897		SFP+ 1X6 CAGE, PRESS FIT W/ SUS EMI SPRING FINGER, BELLY TO BELLY MNTG		
	FC = 0	ANGULAR TOL ± °		DRWN: PKH 2022/04/05			
DIVISIONAL SYMBOLS	FD = 0	4 PLACES	±	CHK'D: TKUMARKC 2022/05/18	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 747548620 DOC TYPE: PSD ASY A REVISION:		
		3 PLACES	±	APPR: SCHIEN 2022/05/19			
		2 PLACES	± 0.15	INITIAL REVISION:			
		1 PLACE	± 0.25	DRWN: PKH 2022/04/05			
	0 PLACES	±	APPR: SCHIEN 2022/05/19				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			D-SIZE	74754	SEE P/N TABLE	GENERAL MARKET	3 OF 6

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



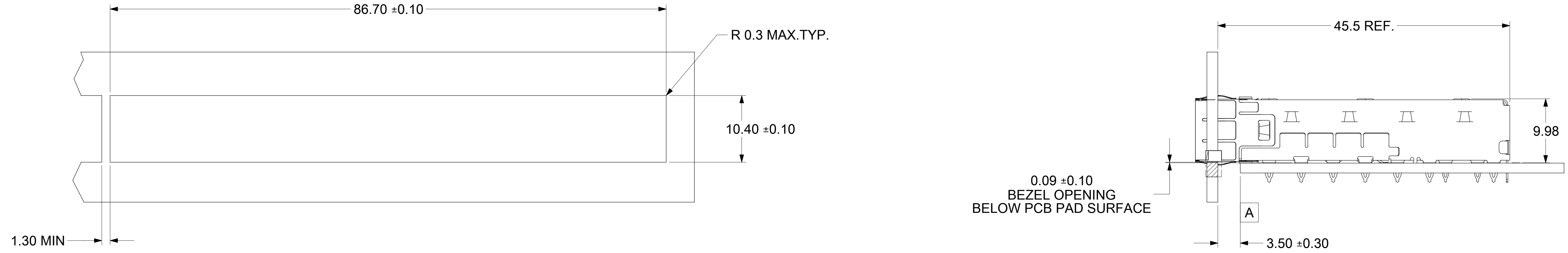
NOTE:
SEE SHEET 3 FOR
HOST CONNECTOR DETAIL

NOTES:

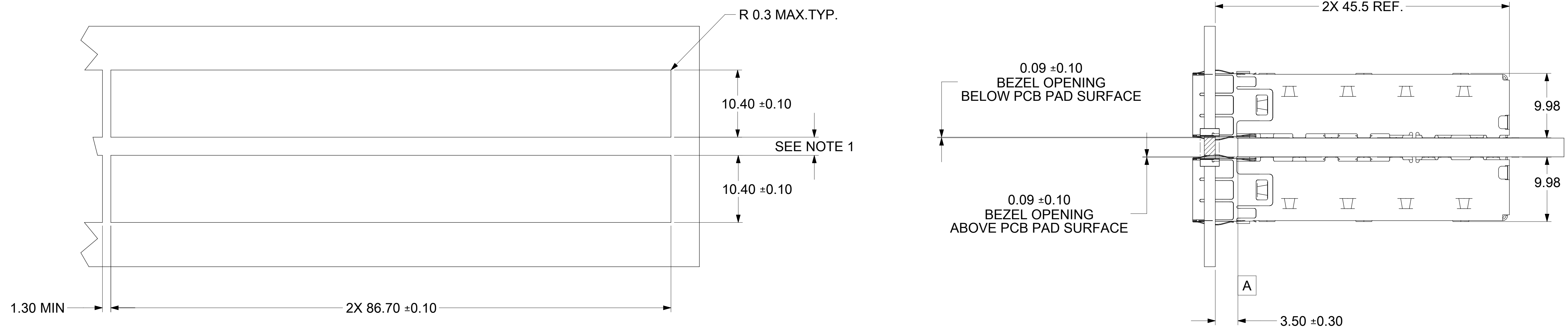
1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION. (GOLD, SILVER, OR TIN.)
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

FUNCTIONAL SYMBOLS $F_A = 0$ $F_C = 0$ $F_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE					
	DIMENSION UNITS	SCALE	molex SFP+ 1X6 CAGE, PRESS FIT W/ SUS EMI SPRING FINGER, BELLY TO BELLY MNTG PRODUCT CUSTOMER DRAWING					
	mm	4:1						
	GENERAL TOLERANCES (UNLESS SPECIFIED)							
DIVISIONAL SYMBOLS	ANGULAR TOL	±	°	EC NO: 706897 DRWN: PKH 2022/04/05 CHK'D: TKUMARKC 2022/05/18 APPR: SCHIEN 2022/05/19 INITIAL REVISION: DRWN: PKH 2022/04/05 APPR: SCHIEN 2022/05/19				
4 PLACES	±							
3 PLACES	±							
2 PLACES	±	0.15						
1 PLACE	±	0.25						
0 PLACES	±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			D-SIZE	74754	SEE P/N TABLE	GENERAL MARKET	4 OF 6	
DOCUMENT STATUS		P1	RELEASE DATE	2022/05/19 07:40:30	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
					747548620	PSD	ASY	A

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING (SPRING FINGER)



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING (SPRING FINGER)





NOTE:

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

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		molex
	DIMENSION UNITS mm	SCALE 3:1			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 706897		PRODUCT CUSTOMER DRAWING
	ANGULAR TOL	± °	DRWN: PKH	2022/04/05	
	4 PLACES	±	CHK'D: TKUMARKC	2022/05/18	747548620
	3 PLACES	±	APPR: SCHIEN	2022/05/19	PSD ASY A
	2 PLACES	± 0.15	INITIAL REVISION:		DOC TYPE
1 PLACE	± 0.25	DRWN: PKH	2022/04/05	DOC PART	
0 PLACES	±	APPR: SCHIEN	2022/05/19	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		D-SIZE	74754	SEE P/N TABLE	GENERAL MARKET
					SHEET NUMBER
					5 OF 6

DATE	REV	DESCRIPTION
2022/04/05	A	INITIAL RELEASE

FUNCTIONAL SYMBOLS										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FA = 0		mm		SCALE 3:1		CURRENT REV DESC: SEE REVISION TABLE						 <p>SFP+ 1X6 CAGE, PRESS FIT W/ SUS EMI SPRING FINGER, BELLY TO BELLY MNTG</p>							
FC = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 706897													
FP = 0		ANGULAR TOL ± °				DRWN: PKH 2022/04/05													
DIVISIONAL SYMBOLS		4 PLACES ±		CHK'D: TKUMARKC 2022/05/18															
		3 PLACES ±		APPR: SCHIEN 2022/05/19															
		2 PLACES ± 0.15		INITIAL REVISION:															
		1 PLACE ± 0.25		DRWN: PKH 2022/04/05															
		0 PLACES ±		APPR: SCHIEN 2022/05/19															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
						D-SIZE		74754		747548620		PSD		ASY		A			
										SEE P/N TABLE		GENERAL MARKET				6 OF 6			

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/19 07:40:30
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