

PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED IN APPROXIMATE AREA SHOWN:
 DATE CODE:
 WK = WEEK OF THE YEAR 01 THROUGH 52 (OR 53)
 YR = LAST TWO DIGITS OF THE YEAR (EXAMPLE 2013 = 13)

NOTES:

- MATERIAL:
 CAGE: NICKEL PLATED COPPER ALLOY, THICKNESS 0.25mm
 SPRING FINGERS: STAINLESS STEEL.
- PRESS FIT LEGS 2.28mm [.090 INCH] LONG
 1.57mm [.062 INCH] MINIMUM PCB THICKNESS FOR SINGLE SIDED USE
 2.28mm [.090 INCH] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE
- OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS
- RoHS COMPLIANT, NO EXEMPTIONS.
- WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION

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
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707270		2022/04/14		
	FC = 0	4 PLACES	±	DRWN: PKH	2022/05/26		
DIVISIONAL SYMBOLS	ANGULAR TOL		±	°	2022/06/01		
	FD = 0	3 PLACES	±	CHK'D: TKUMARKC	2022/06/01		
DIVISIONAL SYMBOLS	INITIAL REVISION:		DRWN: PKH		2022/04/14		
	2 PLACES	±	APPR: SCHIEN	2022/06/01		PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		
	1 PLACE	±	D-SIZE		SERIES		
DOCUMENT NUMBER		CUSTOMER		MATERIAL NUMBER		SHEET NUMBER	
747547620		74754		747547620		1 OF 5	

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

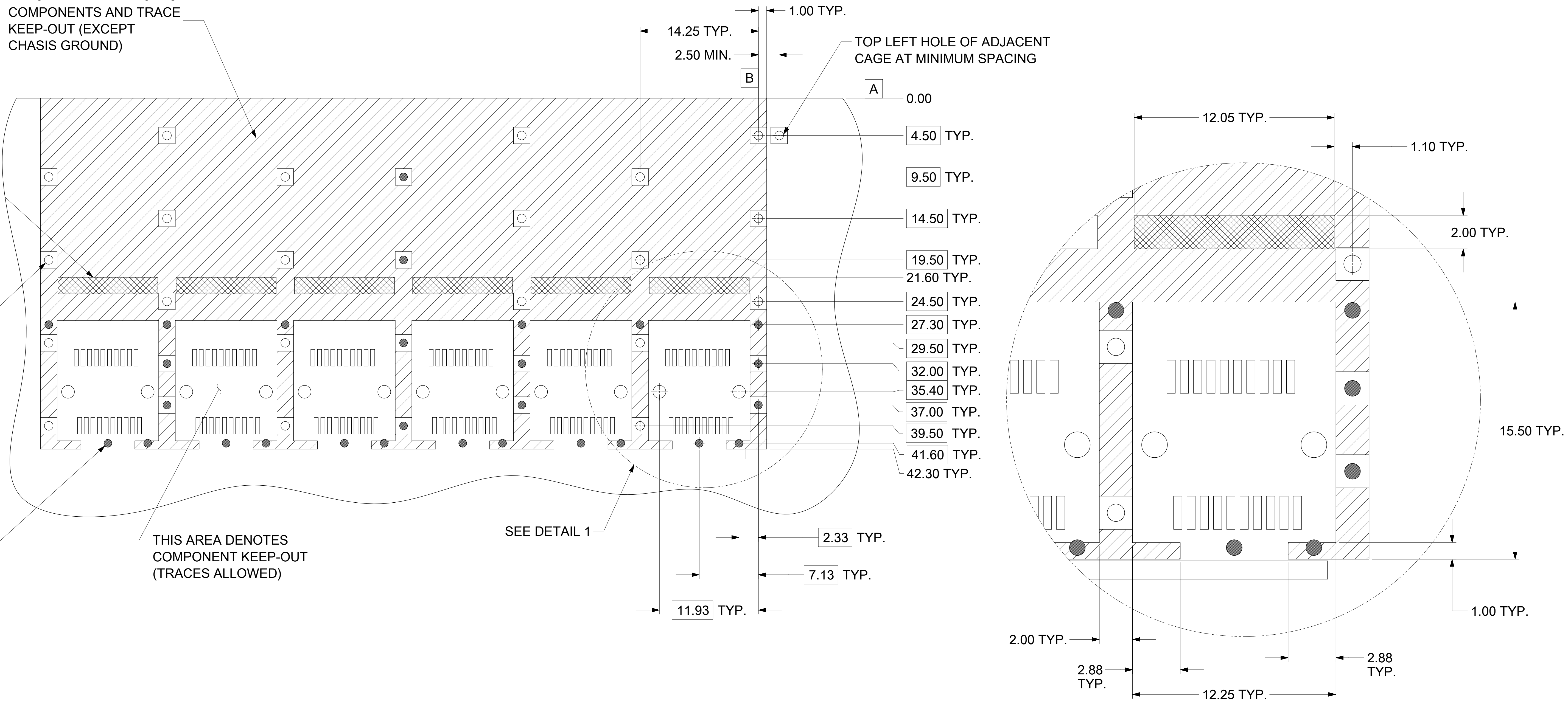
21X $\varnothing 1.05 \pm 0.05$
[0.041±0.002]
(SHOWN AS \oplus)
 \oplus 0.05 A B

28X $\varnothing 0.95 \pm 0.05$
[0.037±0.002]
(SHOWN AS \bullet)
 \bullet 0.05 A B

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL 1

TOP LEFT HOLE OF ADJACENT CAGE AT MINIMUM SPACING



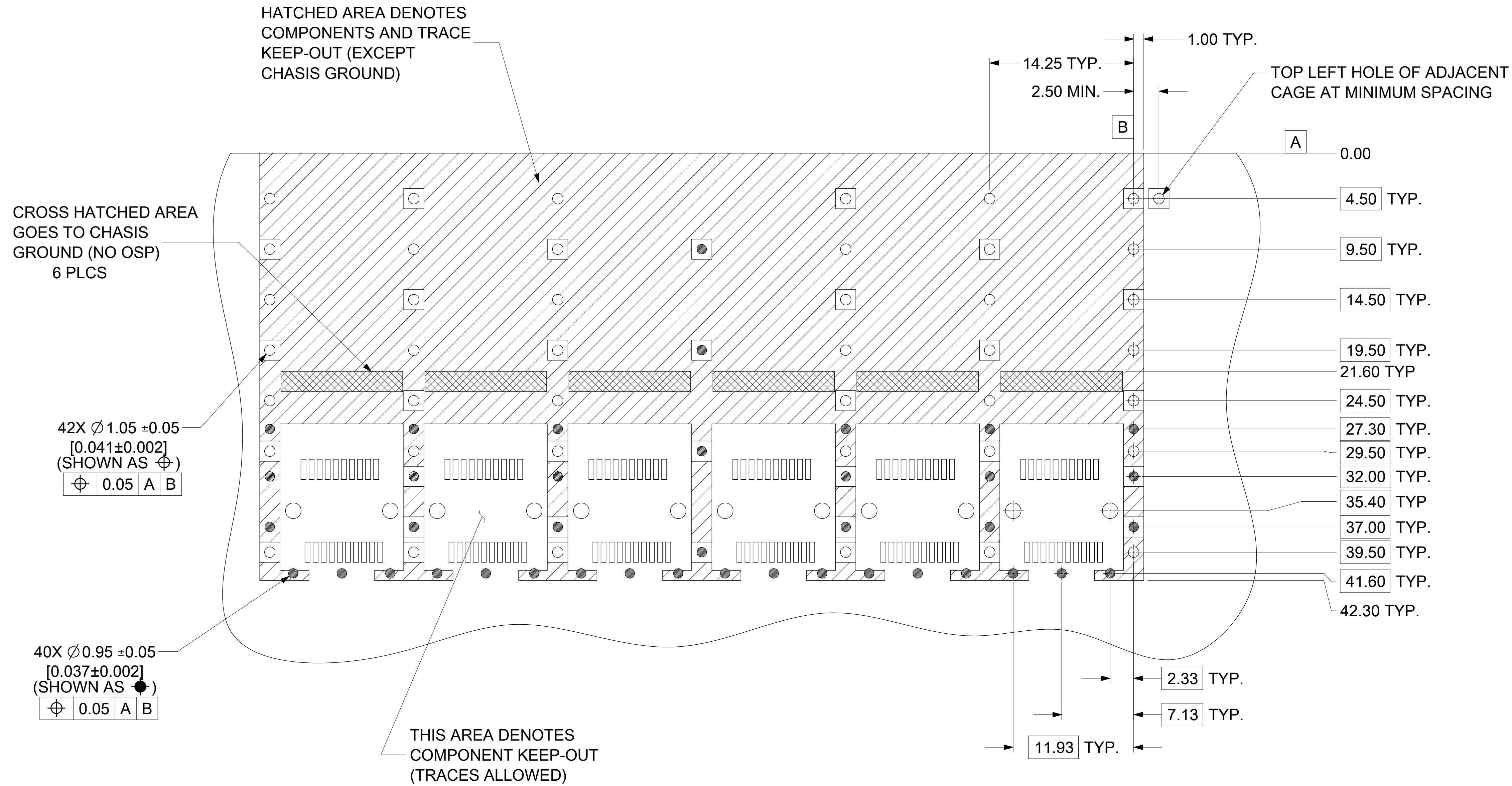
DETAIL 1
SCALE 8:1
HOST CONNECTOR DETAIL

NOTES:

- 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 SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
- 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		molex
	FA = 0	mm	SCALE 4:1		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707270		SFP+ 1X6 PCI CAGE ASSY, PRESS FIT TYPE, W/ SUS EMI SPRING FINGER
	FC = 0	ANGULAR TOL ± °		DRWN: PKH 2022/04/14	
FUNCTIONAL SYMBOLS	FD = 0	4 PLACES	±	CHK'D: TKUMARKC 2022/05/26	PRODUCT CUSTOMER DRAWING
		3 PLACES	±	APPR: SCHIEN 2022/06/01	
		2 PLACES	±	INITIAL REVISION:	DOCUMENT NUMBER
		1 PLACE	±	DRWN: PKH 2022/04/14	747547620
	0 PLACES	±	APPR: SCHIEN 2022/06/01	PSD ASY A	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			D-SIZE	74754	747547620
DOCUMENT STATUS		P1	RELEASE DATE	2022/06/01 06:40:53	CUSTOMER
					SHEET NUMBER
					2 OF 5

PCB LAYOUT FOR BELLY TO BELLY MOUNTING

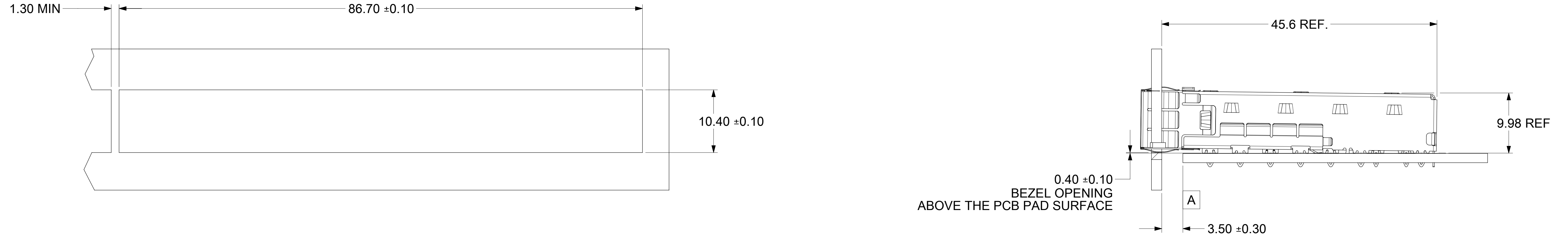


NOTES:

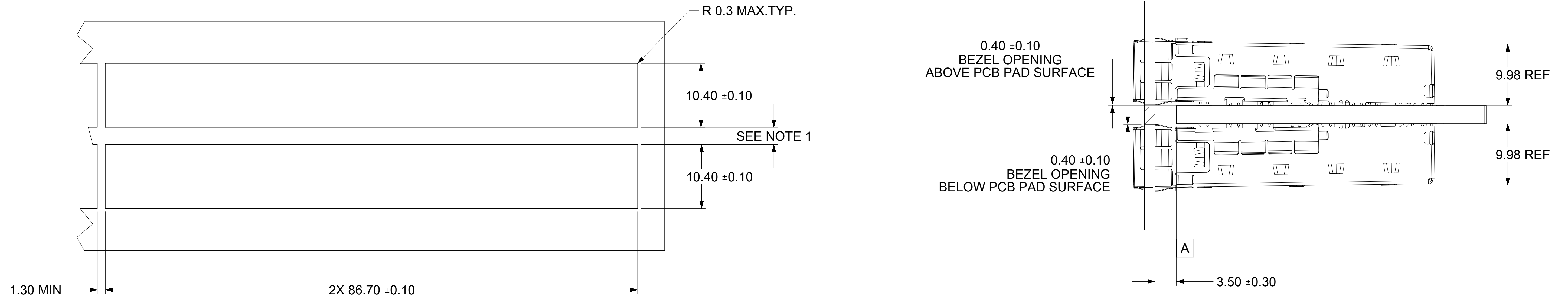
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2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE
$F_A = 0$	mm	4:1	<p>molex</p> <p>SFP+ 1X6 PCI CAGE ASSY, PRESS FIT TYPE, W/ SUS EMI SPRING FINGER</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: 747547620 DOC TYPE: PSD DOC PART: ASY REVISION: A</p>
$F_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$F_P = 0$	ANGULAR TOL ± °		
DIVISIONAL SYMBOLS	4 PLACES	±	
	3 PLACES	±	
	2 PLACES	±	EC NO: 707270
	1 PLACE	±	DRWN: PKH 2022/04/14
	0 PLACES	±	CHK'D: TKUMARKC 2022/05/26
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPR: SCHIEN 2022/06/01
THIRD ANGLE PROJECTION			INITIAL REVISION: DRWN: PKH 2022/04/14
DRAWING			APPR: SCHIEN 2022/06/01
SERIES			D-DRAWING
MATERIAL NUMBER			74754
CUSTOMER			747547620
SHEET NUMBER			3 OF 5

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.

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$F_A = 0$	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE																	
$F_C = 0$	mm	3:1	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">molex</td> </tr> <tr> <td colspan="2" style="text-align: center;">SFP+ 1X6 PCI CAGE ASSY, PRESS FIT TYPE, W/ SUS EMI SPRING FINGER</td> </tr> <tr> <td colspan="2" style="text-align: center;">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td style="width: 60%;">DOCUMENT NUMBER</td> <td>DOC TYPE DOC PART REVISION</td> </tr> <tr> <td style="text-align: center; font-size: 1.2em;">747547620</td> <td style="text-align: center;">PSD ASY A</td> </tr> </table>								molex		SFP+ 1X6 PCI CAGE ASSY, PRESS FIT TYPE, W/ SUS EMI SPRING FINGER		PRODUCT CUSTOMER DRAWING		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION	747547620	PSD ASY A
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747547620	PSD ASY A																			
$F_P = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)																			
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	0 PLACES	±																		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER													
			D-SIZE	74754	747547620		4 OF 5													

REV	DATE	DESCRIPTION
A	2022/05/25	INITIAL RELEASE

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		DIMENSION UNITS: mm		SCALE: 3:1	CURRENT REV DESC: SEE REVISION TABLE							
	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± °		EC NO: 707270		DRWN: PKH 2022/04/14					SFP+ 1X6 PCI CAGE ASSY, PRESS FIT TYPE, W/ SUS EMI SPRING FINGER	
DIVISIONAL SYMBOLS	4 PLACES ±		DRWN: PKH 2022/04/14		CHK'D: TKUMARKC 2022/05/26		APPR: SCHIEN 2022/06/01		PRODUCT CUSTOMER DRAWING				
	3 PLACES ±		DRWN: PKH 2022/04/14		APPR: SCHIEN 2022/06/01		INITIAL REVISION:		DOCUMENT NUMBER: 747547620				
	2 PLACES ±		DRWN: PKH 2022/04/14		APPR: SCHIEN 2022/06/01		DRWN: PKH 2022/04/14		DOC TYPE: PSD		DOC PART: ASY		REVISION: A
	1 PLACE ±		DRWN: PKH 2022/04/14		APPR: SCHIEN 2022/06/01		APPR: SCHIEN 2022/06/01		MATERIAL NUMBER: 747547620		CUSTOMER:		SHEET NUMBER: 5 OF 5
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: D-SIZE		SERIES: 74754		MATERIAL NUMBER: 747547620		CUSTOMER:	

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/01 06:40:53
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