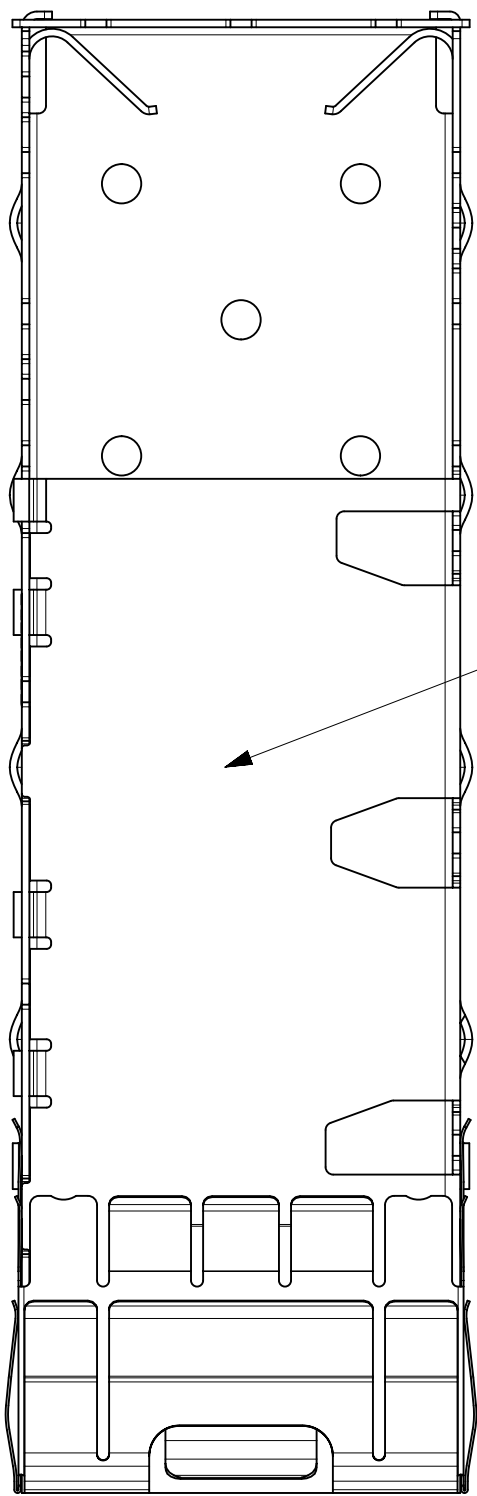
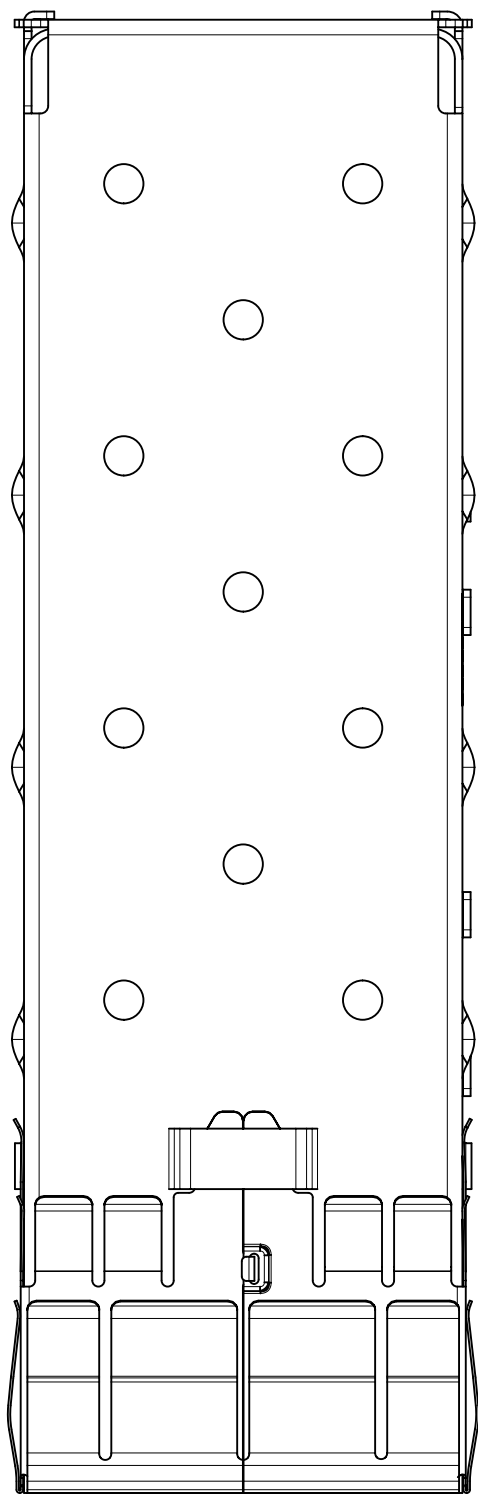
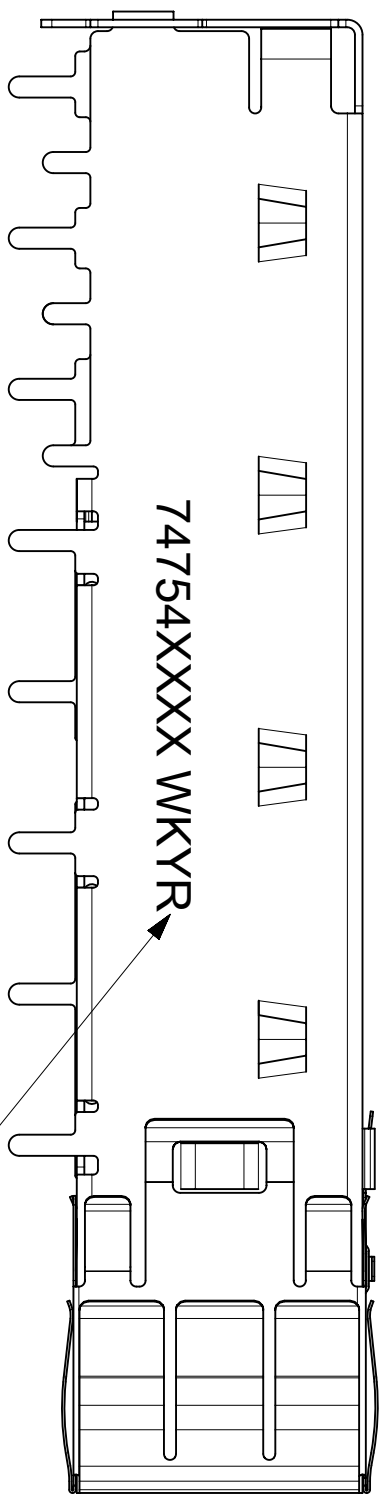


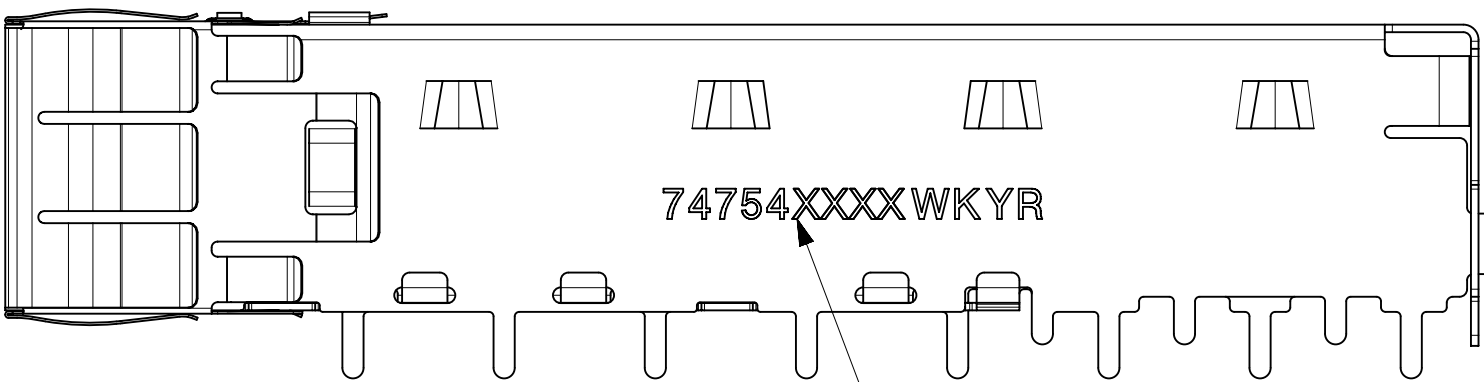
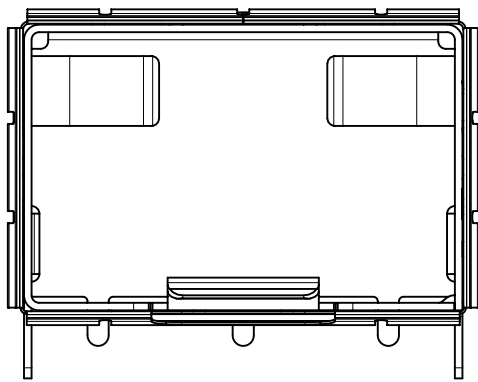


WITHOUT THREE BOTTOM LEGS

P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY 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
YR	22, 23, 24 ETC.. (EXAMPLE: YEAR 2022= 22)



MOLEX INTERNAL USE ONLY

PART NO.
747548907

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
A = 0 E = 0 P = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE					molex SFP+ 1X1 CAGE ASSEMBLY WITH SUS SPRING FINGERS AND SOLDER POST LEGS						
			4:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 707262 DRWN: CHETHH2 2022/05/26 CHK'D: TKUMARKC 2022/05/26 APPR: SCHIEN 2022/05/27					PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± 1.0 °															
	4 PLACES		±													
3 PLACES		±														
2 PLACES		± 0.15			INITIAL REVISION: DRWN: ABHILT2 2022/04/11 APPR: SCHIEN 2022/05/19					DOCUMENT NUMBER 747547103		DOC TYPE PSD	DOC PART ASY	REVISION B		
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				6 OF 7	

SFP+ 1X1 CAGE ASSEMBLY
WITH SUS SPRING FINGERS AND SOLDER POST
LEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
747547103

DOC TYPE
PSD

DOC PART
ASY

REVISION
B

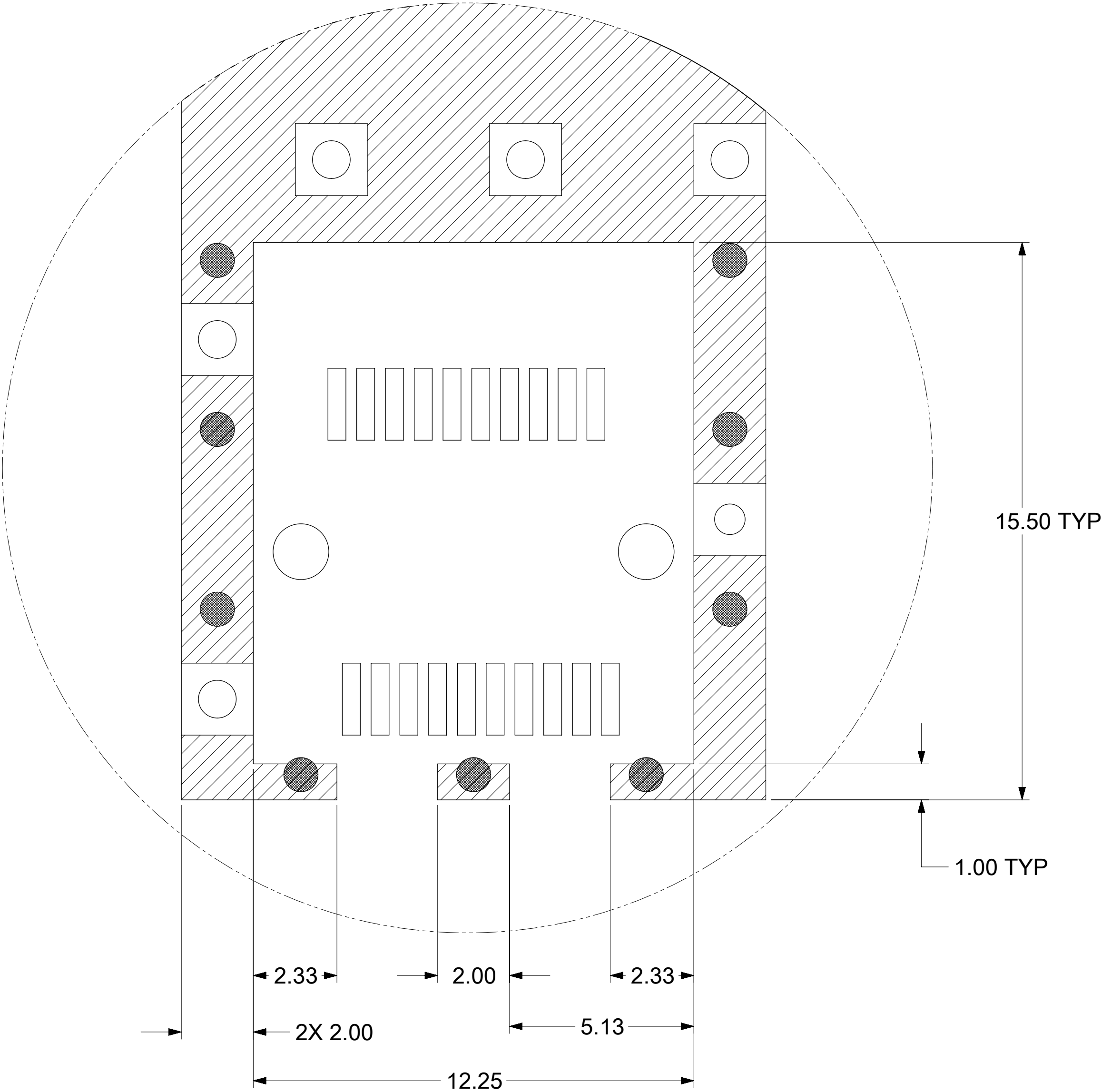
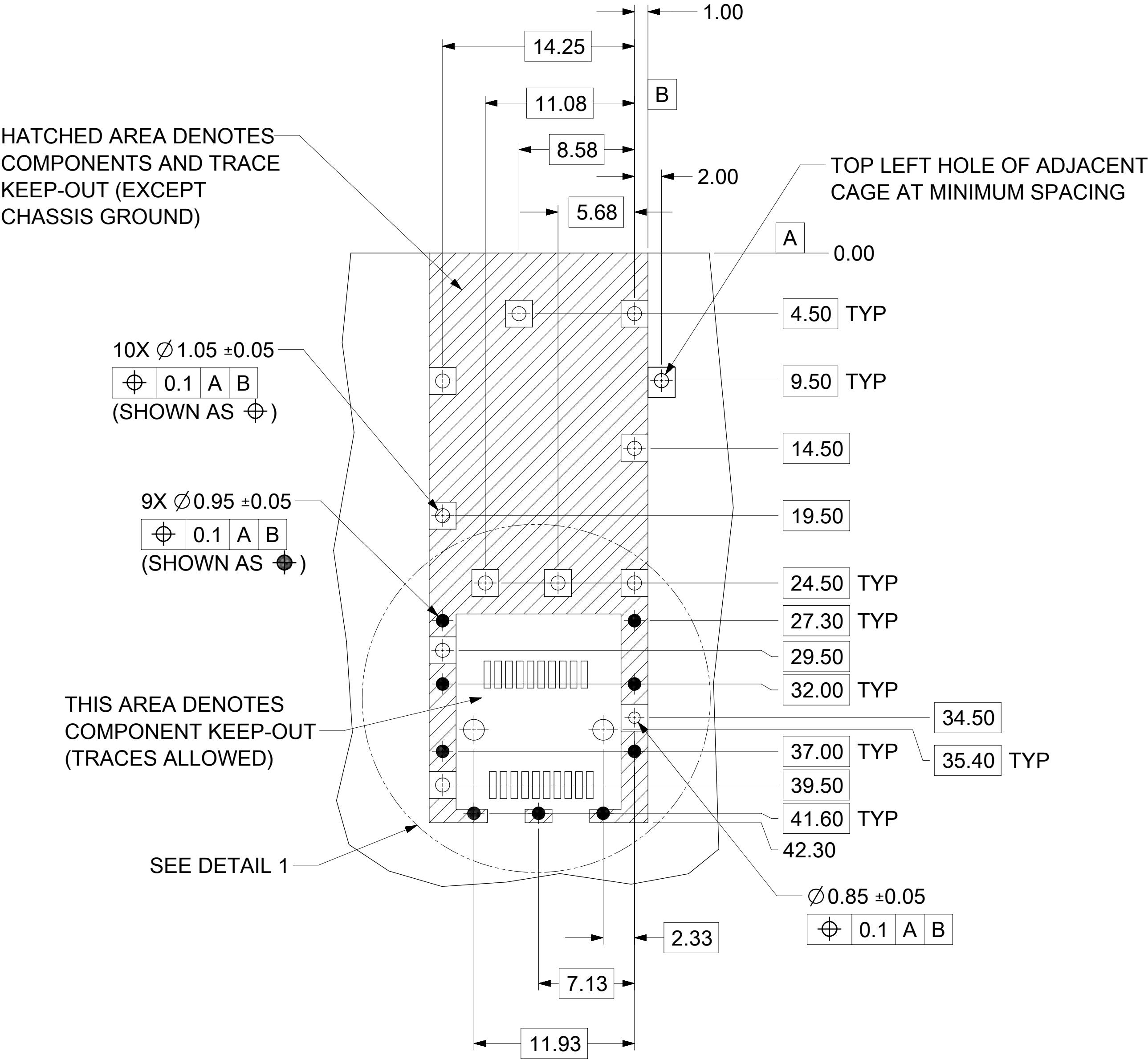
CUSTOMER

SHEET NUMBER

6 OF 7

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/27	10:20:23
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PCB LAYOUT FOR SINGLE SIDE MOUNT



DETAIL 1
SCALE 10:1

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 ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

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											
			4:1													
DIVISIONAL SYMBOLS			GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707262 DRWN: CHETHH2 2022/05/26 CHK'D: TKUMARKC 2022/05/26 APPR: SCHIEN 2022/05/27											
			ANGULAR TOL ± 1.0°													
	4 PLACES		±													
	3 PLACES		±													
	2 PLACES		± 0.15													
	1 PLACE		± 0.25													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											INITIAL REVISION: DRWN: ABHILT2 2022/04/11 APPR: SCHIEN 2022/05/19					
	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				2 OF 7			

PCB LAYOUT FOR SINGLE SIDE MOUNT

ONLY FOR 747548907

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

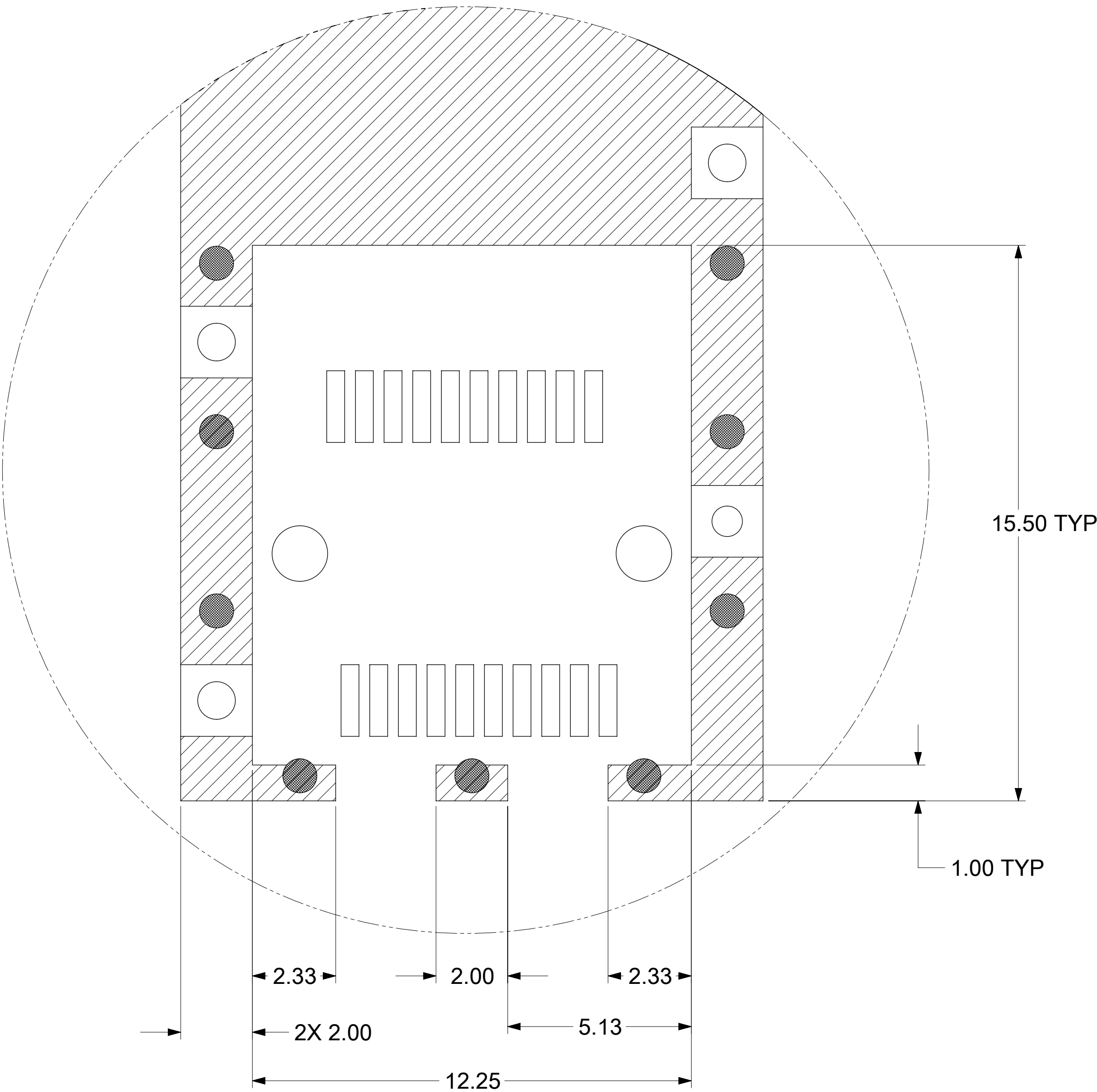
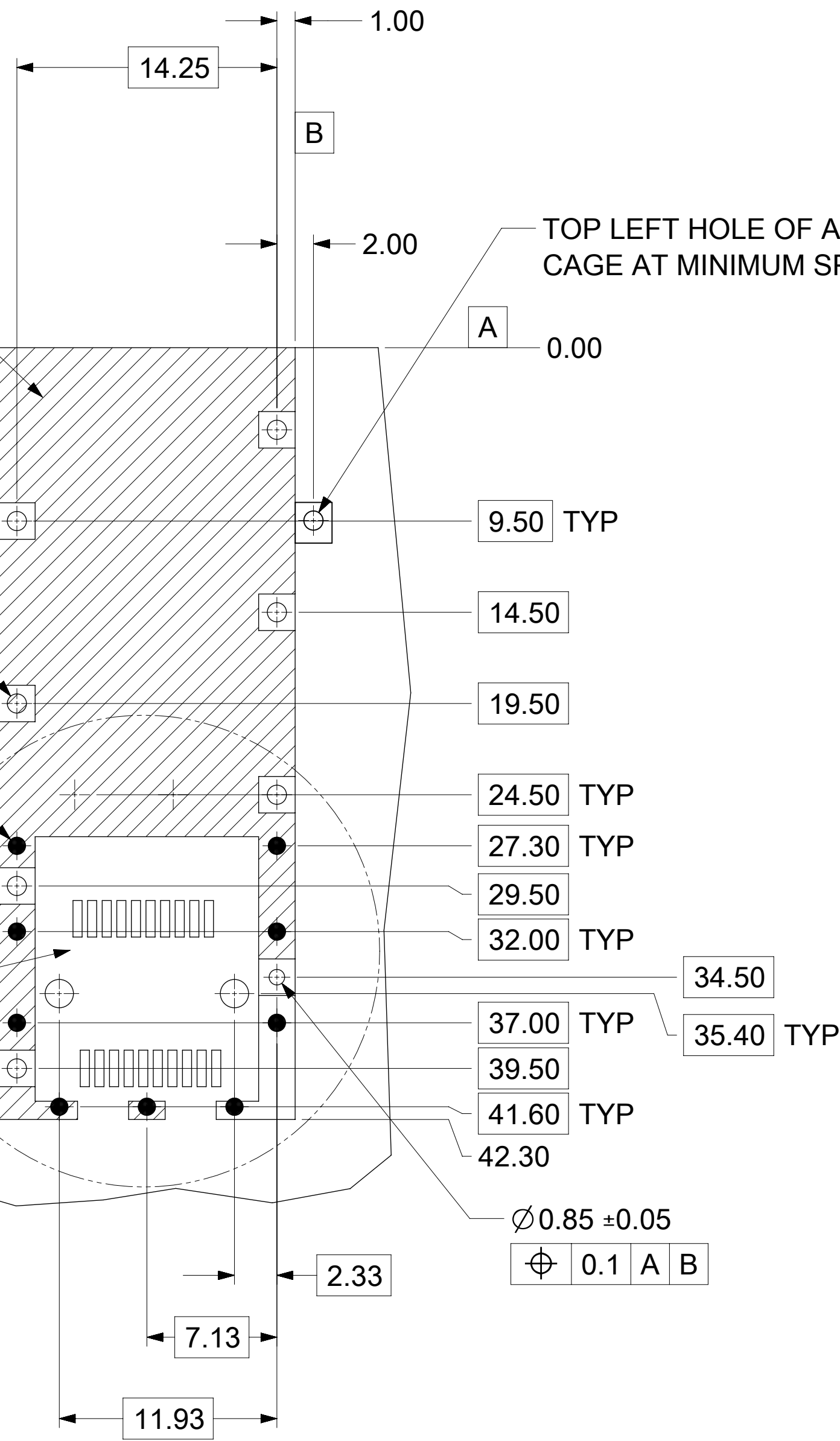
10X $\varnothing 1.05 \pm 0.05$
 $\varnothing$ 0.1 A B
(SHOWN AS $\varnothing$)

9X $\varnothing 0.95 \pm 0.05$
 $\varnothing$ 0.1 A B
(SHOWN AS $\bullet$)

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACES ALLOWED)

SEE DETAIL 1

TOP LEFT HOLE OF ADJACENT
CAGE AT MINIMUM SPACING



DETAIL 1
SCALE 10:1

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 ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.

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 SFP+ 1X1 CAGE ASSEMBLY WITH SUS SPRING FINGERS AND SOLDER POST LEGS					
DIMENSION UNITS	SCALE								
F A = 0 F C = 0 F P = 0 DIVISIONAL SYMBOLS	4:1	EC NO: 707262 DRWN: CHETHH2 2022/05/26 CHK'D: TKUMARKC 2022/05/26 APPR: SCHIEN 2022/05/27		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 747547103 DOC TYPE PSD DOC PART ASY REVISION B					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 1.0°									
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		7 OF 7	

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

15.45 ± 0.10

10.40 ± 0.10

0.80 MIN

R0.3 REF TYP

B ± 0.10
BEZEL OPENING
BELOW PCB SURFACE

45.50 REF

A REF

3.50 ± 0.30

SFP+ 1X1 CAGE		
PART NO.	DIME A	DIM B
747547103	9.47	0.43
747548134	9.65	0.25
747548909	9.47	0.43
747548907	9.47	0.43

DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
20		19	18	17	16	15

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	
4:1		CURRENT REV DESC: SEE REVISION TABLE	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707262	
ANGULAR TOL $\pm 1.0^\circ$		DRWN: CHETHH2 2022/05/26	
4 PLACES $\pm$		CHK'D: TKUMARKC 2022/05/26	
3 PLACES $\pm$		APPR: SCHIEN 2022/05/27	
2 PLACES ± 0.15		INITIAL REVISION:	
1 PLACE ± 0.25		DRWN: ABHILT2 2022/04/11	
0 PLACES $\pm$		APPR: SCHIEN 2022/05/19	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
		DRAWING D-SIZE	
		SERIES 74754	
		MATERIAL NUMBER	
		SEE P/N TABLE	
		CUSTOMER	
		SHEET NUMBER	
		3 OF 7	

DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
20		19	18	17	16	15

DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
20		19	18	17	16	15

DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
20		19	18	17	16	15

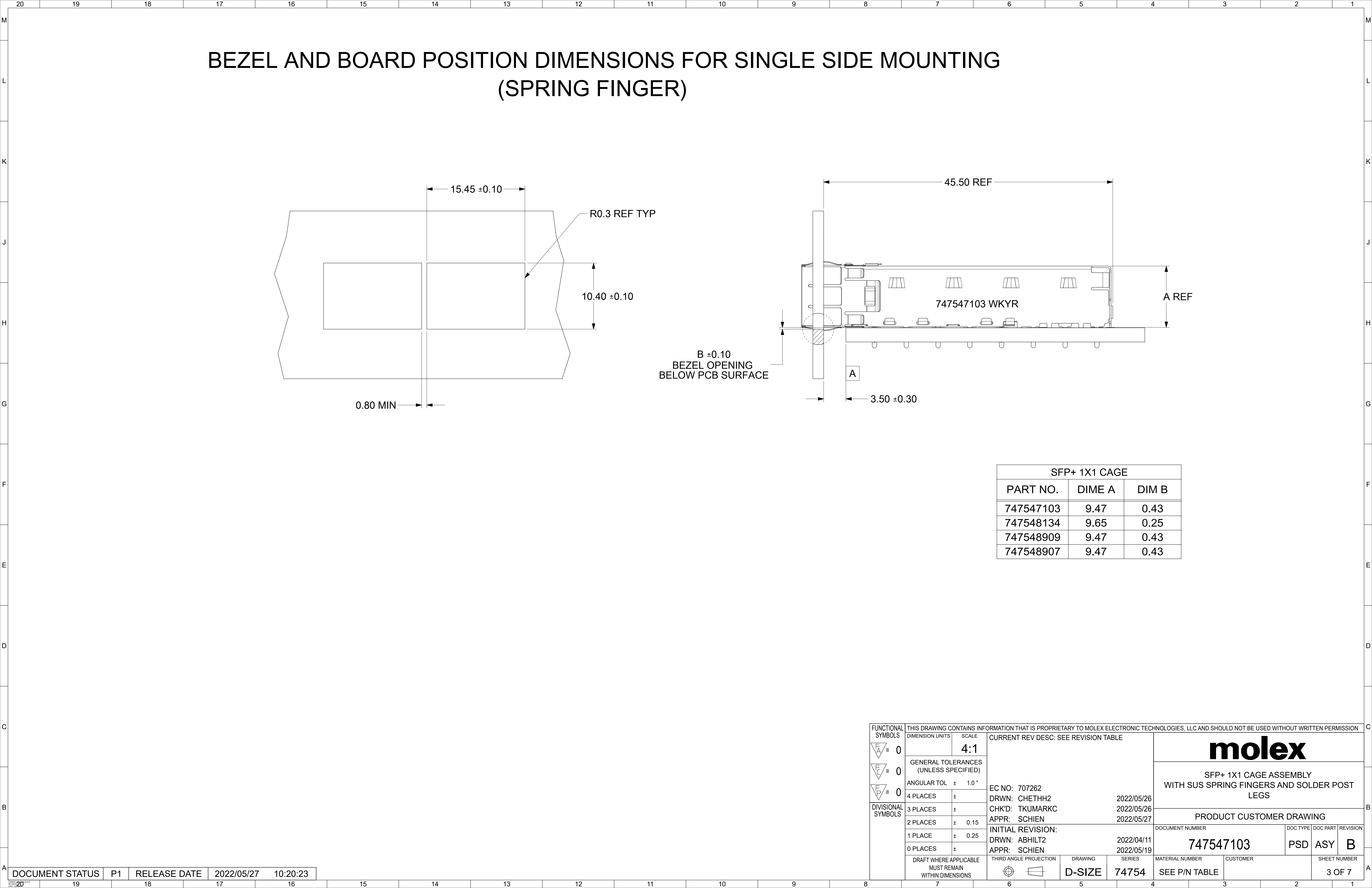
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
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DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
20		19	18	17	16	15

DOCUMENT STATUS		P1	RELEASE DATE</	
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BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING
(SPRING FINGER)

15.45 ± 0.10

10.40 ± 0.10

0.80 MIN

R0.3 REF TYP

B ± 0.10
BEZEL OPENING
BELOW PCB SURFACE

45.50 REF

A REF

3.50 ± 0.30

SFP+ 1X1 CAGE		
PART NO.	DIME A	DIM B
747547103	9.47	0.43
747548134	9.65	0.25
747548909	9.47	0.43
747548907	9.47	0.43

DOCUMENT STATUS		P1	RELEASE DATE		2022/05/27 10:20:23	
2022/05/27 10:20:23		19	18	17	16	15

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	
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707262		SFP+ 1X1 CAGE ASSEMBLY WITH SUS SPRING FINGERS AND SOLDER POST LEGS	
4 PLACES		ANGULAR TOL $\pm 1.0^\circ$		DRWN: CHETHH2 2022/05/26		DOCUMENT NUMBER	
3 PLACES		4 PLACES		CHK'D: TKUMARKC 2022/05/26		DOC TYPE	
2 PLACES		3 PLACES		APPR: SCHIEN 2022/05/27		DOC PART	
1 PLACE		2 PLACES		INITIAL REVISION:		REVISION	
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		0 PLACES		APPR: SCHIEN 2022/05/19		PSD	
THIRD ANGLE PROJECTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		ASY	
D-SIZE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES		B	
74754		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER		SEE P/N TABLE	
SEE P/N TABLE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CUSTOMER		SHEET NUMBER	
3 OF 7		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		3		2	

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

15.45 ± 0.10

10.40 ± 0.10

0.80 MIN

R0.3 REF TYP

B ± 0.10
BEZEL OPENING
BELOW PCB SURFACE

45.50 REF

A REF

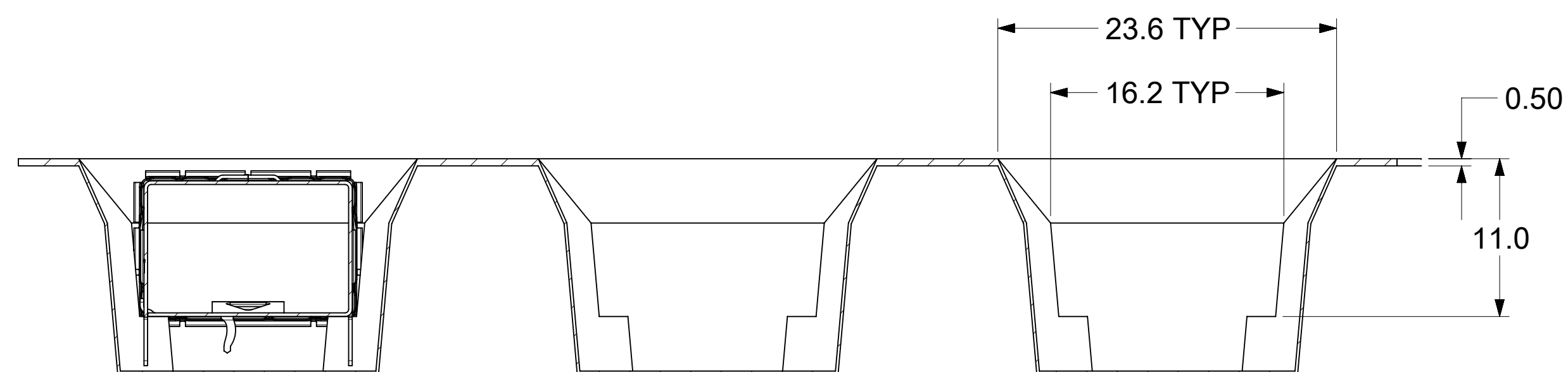
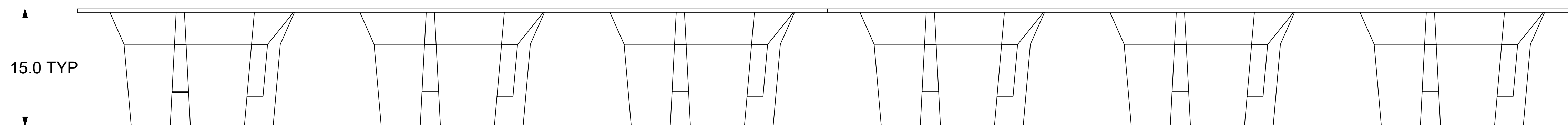
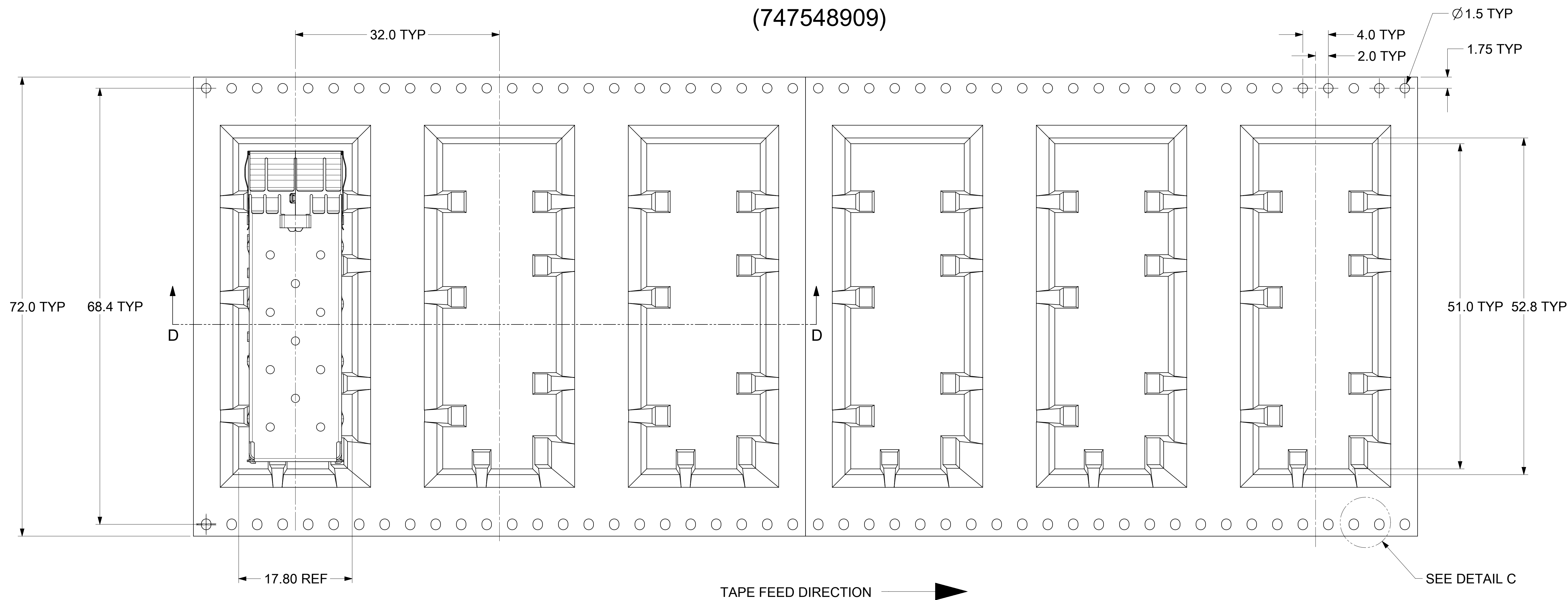
3.50 ± 0.30

SFP+ 1X1 CAGE		
PART NO.	DIME A	DIM B
747547103	9.47	0.43
747548134	9.65	0.25
747548909	9.47	0.43
747548907	9.47	0.43

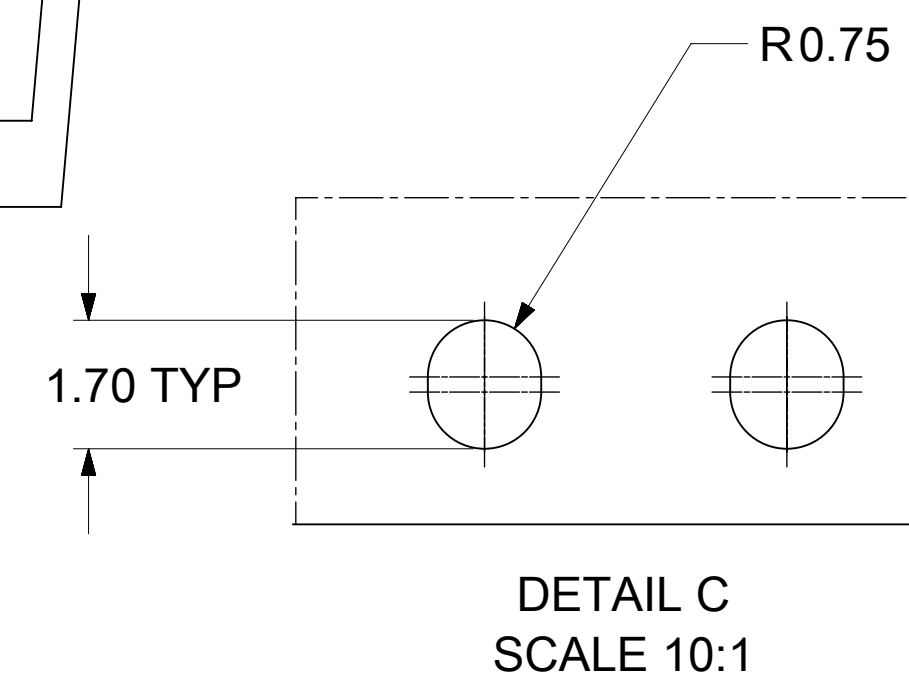
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FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		molex	
DIVISIONAL SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 707262		SFP+ 1X1 CAGE ASSEMBLY WITH SUS SPRING FINGERS AND SOLDER POST LEGS	
4 PLACES		ANGULAR TOL $\pm 1.0^\circ$		DRWN: CHETHH2 2022/05/26		DOCUMENT NUMBER	
3 PLACES		4 PLACES		CHK'D: TKUMARKC 2022/05/26		DOC TYPE	
2 PLACES		3 PLACES		APPR: SCHIEN 2022/05/27		DOC PART	
1 PLACE		2 PLACES		INITIAL REVISION:		REVISION	
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		0 PLACES		APPR: SCHIEN 2022/05/19		PSD	
THIRD ANGLE PROJECTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING		ASY	
D-SIZE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SERIES		B	
74754		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER		SEE P/N TABLE	
3 OF 7		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CUSTOMER		SHEET NUMBER	

TAPE & REEL DETAIL FOR P/N (747548909)



SECTION D-D



FUNCTIONAL SYMBOLS = 0 = 0 = 0 DIVISIONAL 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					molex					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 1.0 °												
	4 PLACES		±		EC NO: 707262					SFP+ 1X1 CAGE ASSEMBLY WITH SUS SPRING FINGERS AND SOLDER POST LEGS					
	3 PLACES		±		DRWN: CHETHH2 2022/05/26										
	2 PLACES		± 0.15		CHK'D: TKUMARKC 2022/05/26										
	1 PLACE		± 0.25		APPR: SCHIEN 2022/05/27					PRODUCT CUSTOMER DRAWING					
	0 PLACES		±		INITIAL REVISION:										DOCUMENT NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				D-SIZE		74754		SEE P/N TABLE				4 OF 7			

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/27	10:20:23
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