

PART NO. AND WEEK/YEAR DATE CODE TO BE STAMPED ON THE SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN

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

NOTES:

- MATERIAL:  
CAGE: NICKEL PLATED COPPER ALLOY, THICKNESS 0.25mm  
SPRING FINGER: STAINLESS STEEL.
- PRESS FIT LEGS 3.60 LONG -  
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE  
INSERTION FORCE INTO PCB < 50 LBS
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE BACKWARDS COMPATIBLE WITH SFP TRANSCEIVERS
- THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE (2002/95/EC)

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_P = 0$ 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:		
	DIMENSION UNITS	SCALE	EC NO: 712396		
	mm	3:1	DRWN: DKUMARG 2022/06/28		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: AMRUTH 2022/06/29		
ANGULAR TOL ± 1.0°		APPR: SCHIEN 2022/06/29		PRODUCT CUSTOMER DRAWING	
4 PLACES ±		INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
3 PLACES ±		DRWN: PKH 2022/04/13		747548106	PSD ASY A1
2 PLACES ± 0.15		APPR: SCHIEN 2022/06/01		MATERIAL NUMBER	CUSTOMER
1 PLACE ± 0.25		THIRD ANGLE PROJECTION		747548106	
0 PLACES ±		DRAWING		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C-SIZE		74754	1 OF 4

# PCB LAYOUT FOR SINGLE SIDE MOUNT

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

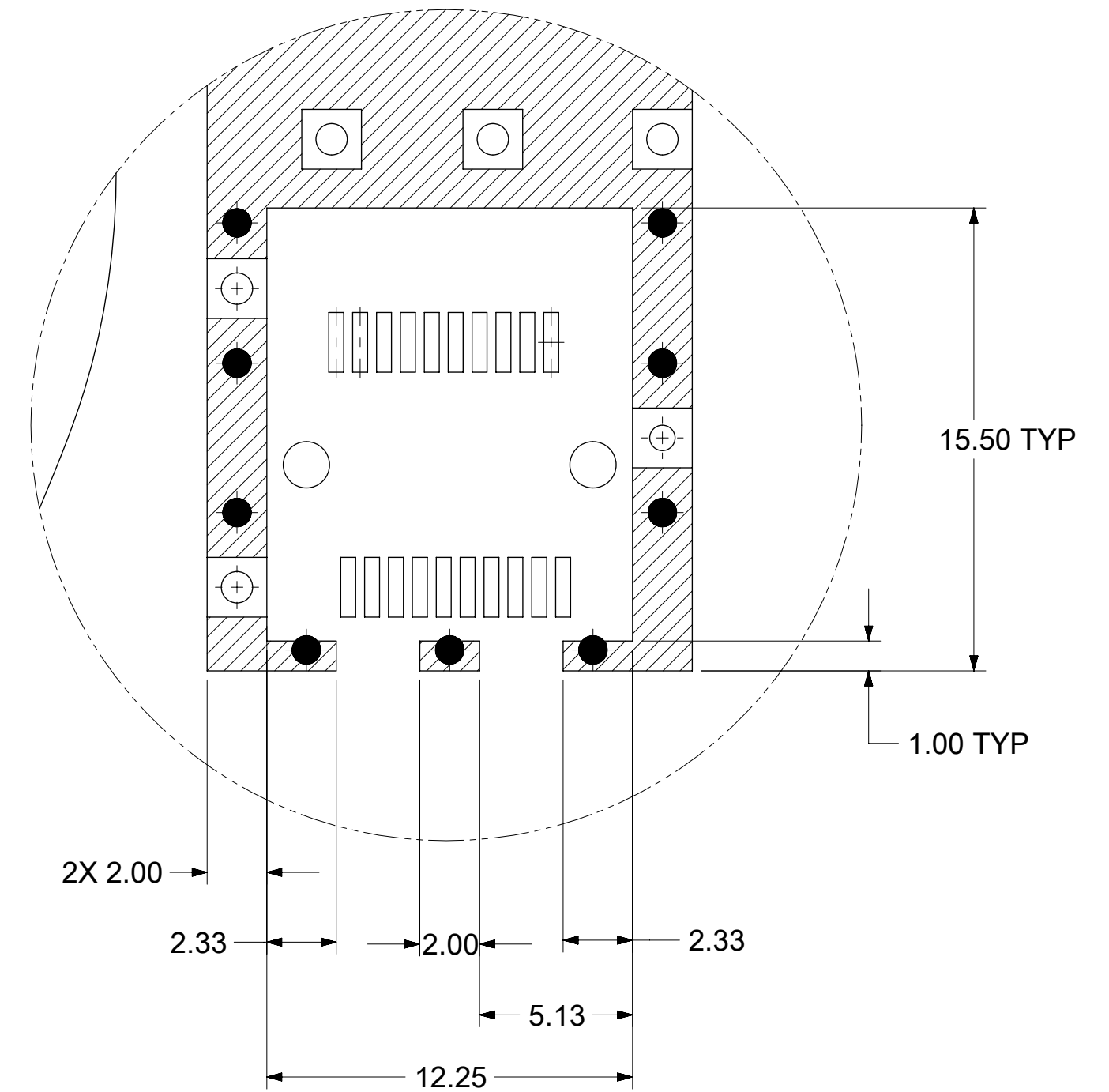
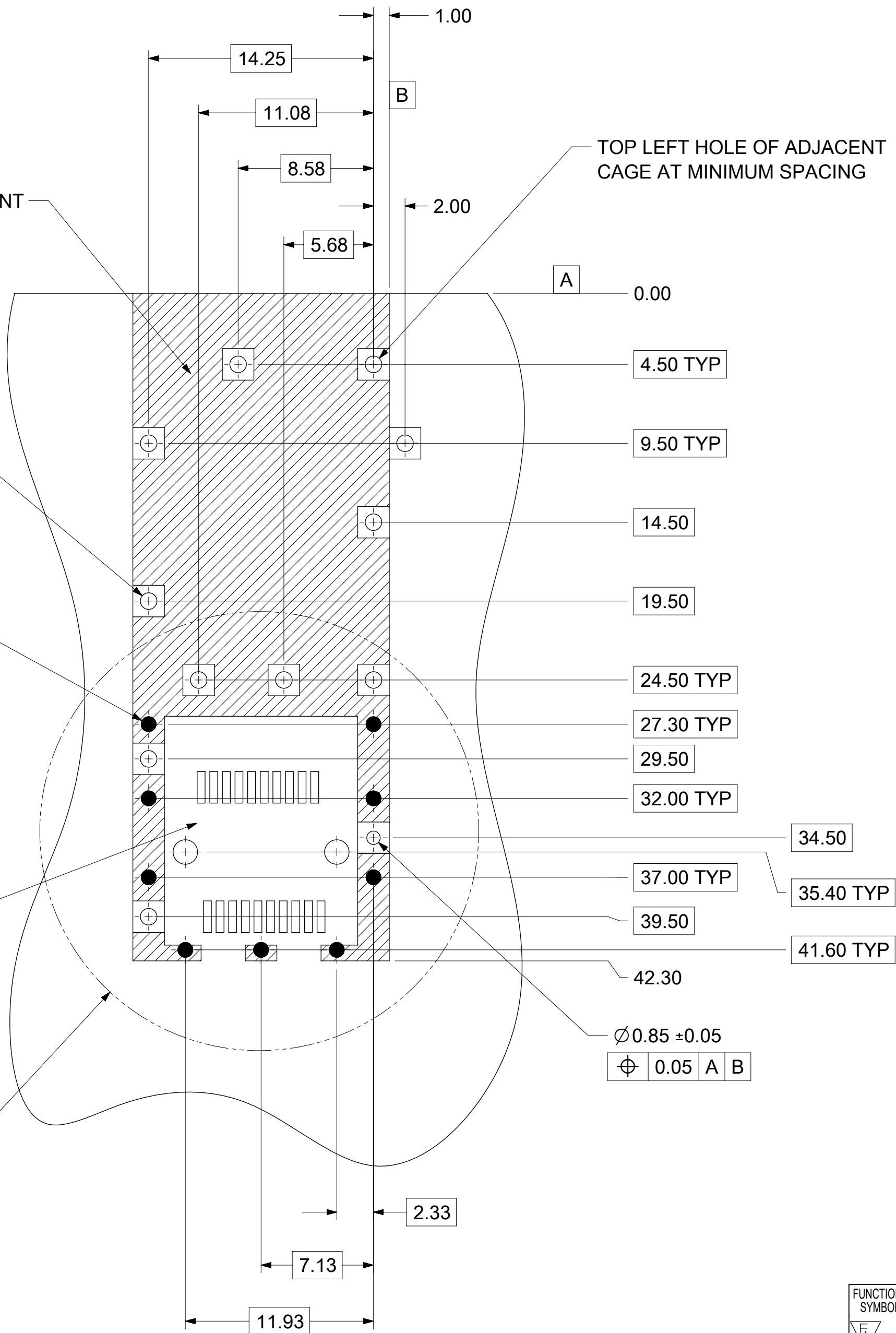
10X  $\varnothing 1.05 \pm 0.05$   
(SHOWN AS ●)  
 $\varnothing 0.05$  A B

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

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL 1

TOP LEFT HOLE OF ADJACENT CAGE AT MINIMUM SPACING



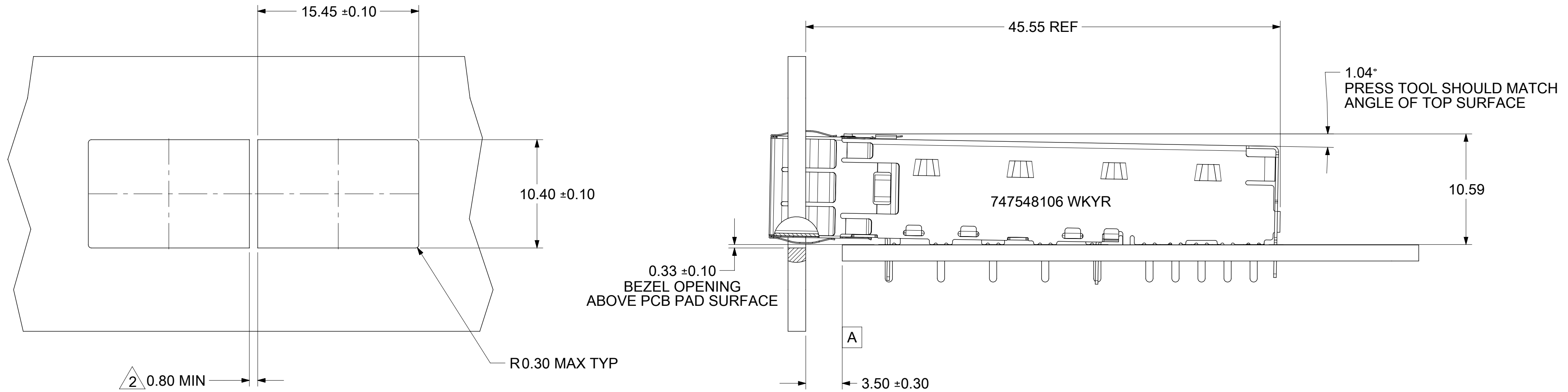
DETAIL 1  
SCALE 10:1  
HOST CONNECTOR DETAIL

**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.

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	DIMENSION UNITS	SCALE						
$\frac{F}{A} = 0$	mm	4:1	DRWN: DKUMARG	2022/06/29	PRODUCT CUSTOMER DRAWING			
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: AMRUTH	2022/06/29				
$\frac{F}{P} = 0$	ANGULAR TOL $\pm 1.0^\circ$		APPR: SCHIEN	2022/06/29	DOCUMENT NUMBER: 747548106   DOC TYPE: PSD   DOC PART: ASY   REVISION: A1			
DIVISIONAL SYMBOLS	4 PLACES $\pm$		INITIAL REVISION:	2022/04/13				
	3 PLACES $\pm$		DRWN: PKH	2022/06/01	MATERIAL NUMBER: 747548106   CUSTOMER:   SHEET NUMBER: 2 OF 4			
	2 PLACES $\pm 0.15$		APPR: SCHIEN	2022/06/01				
	1 PLACE $\pm 0.25$		THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 74754	
	0 PLACES $\pm$		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					


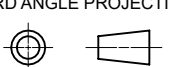
# BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING (SPRING FINGER)



**NOTE:**  
 1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.  
 2. THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY UT DEPENDS ON APPLICATION.  
 (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.)

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:
$\frac{F}{A} = 0$	mm	3.5:1	
$\frac{F}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\frac{F}{P} = 0$	ANGULAR TOL ± 1.0°		
DIVISIONAL SYMBOLS	4 PLACES	±	EC NO: 712396
	3 PLACES	±	DRWN: DKUMARG 2022/06/28
	2 PLACES	± 0.15	CHK'D: AMRUTH 2022/06/29
	1 PLACE	± 0.25	APPR: SCHIEN 2022/06/29
	0 PLACES	±	INITIAL REVISION:
			DRWN: PKH 2022/04/13
			APPR: SCHIEN 2022/06/01
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		C-SIZE	74754
DOCUMENT STATUS	P1	RELEASE DATE	2022/06/29 08:28:08
<b>molex</b>		SFP+ 1X1 PCI CAGE ASSY W/ SUS SPRING FINGERS SOLDER POST	
PRODUCT CUSTOMER DRAWING			
DOCUMENT NUMBER		DOC TYPE	DOC PART
747548106		PSD	ASY
		REVISION	A1
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
747548106		3 OF 4	

REV	DATE	DESCRIPTION
A	2022/05/25	INITIAL RELEASE
A1	2022/06/28	SHEET 02 : B07 ,F11 & E11 : CORRECTED THE TYPO OF POSITION TOLERANCE FROM 0.1 TO 0.05 IN THE FEATURE CONTROL FRAME

<b>FUNCTIONAL SYMBOLS</b> $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS <b>mm</b>		SCALE <b>1:1</b>	CURRENT REV DESC:						
	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL $\pm 1.0^\circ$		EC NO: 712396 DRWN: DKUMARG 2022/06/28 CHK'D: AMRUTH 2022/06/29 APPR: SCHIEN 2022/06/29		INITIAL REVISION: DRWN: PKH 2022/04/13 APPR: SCHIEN 2022/06/01					PRODUCT CUSTOMER DRAWING
<b>DIVISIONAL SYMBOLS</b> 4 PLACES $\pm$ 3 PLACES $\pm$ 2 PLACES $\pm 0.15$ 1 PLACE $\pm 0.25$ 0 PLACES $\pm$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING <b>C-SIZE</b>	SERIES <b>74754</b>	MATERIAL NUMBER <b>747548106</b>	CUSTOMER	DOCUMENT NUMBER <b>747548106</b>	DOC TYPE <b>PSD</b>	DOC PART <b>ASY</b>	REVISION <b>A1</b>
	SHEET NUMBER <b>4 OF 4</b>		SHEET NUMBER <b>4 OF 4</b>		SHEET NUMBER <b>4 OF 4</b>		SHEET NUMBER <b>4 OF 4</b>		SHEET NUMBER <b>4 OF 4</b>		SHEET NUMBER <b>4 OF 4</b>	