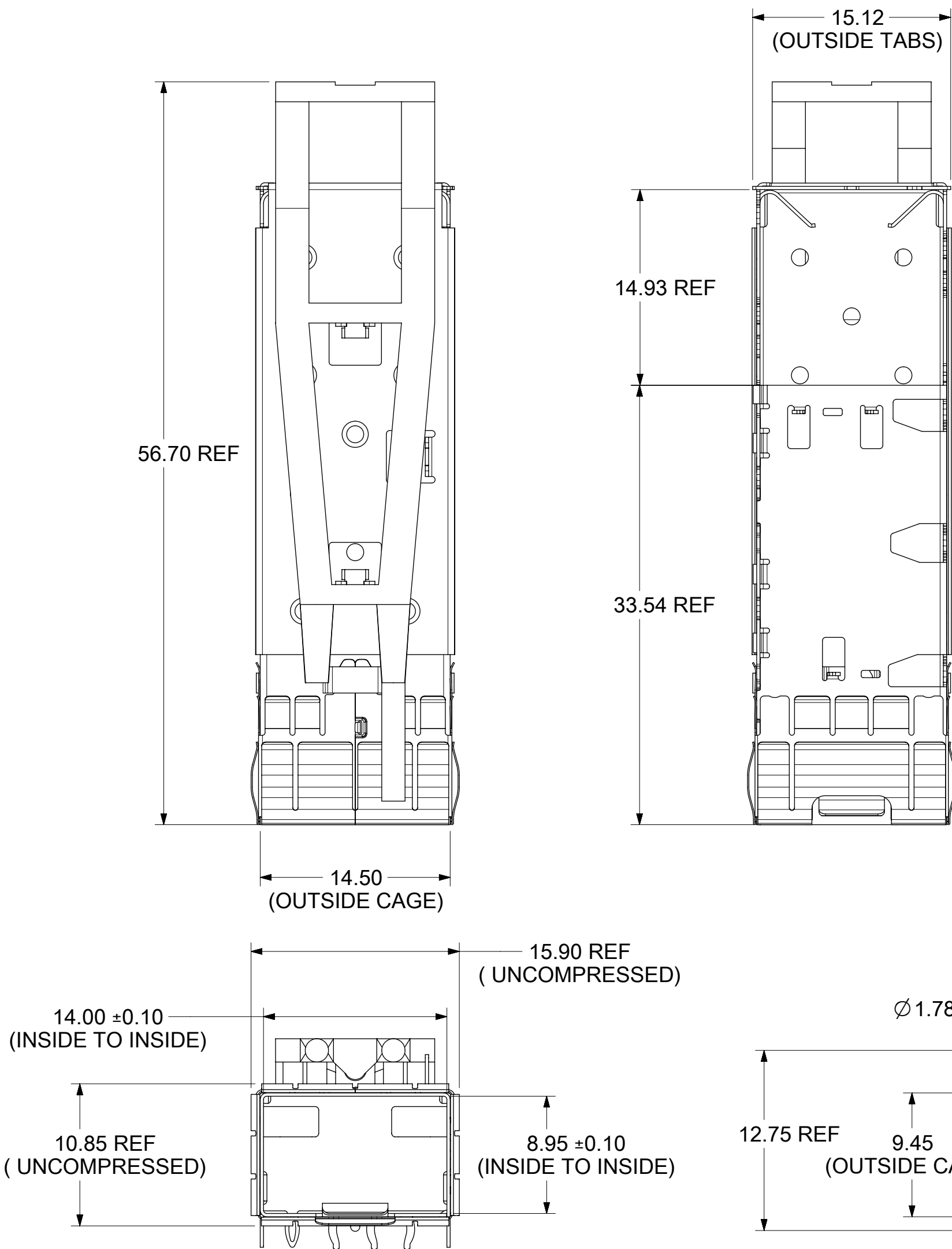
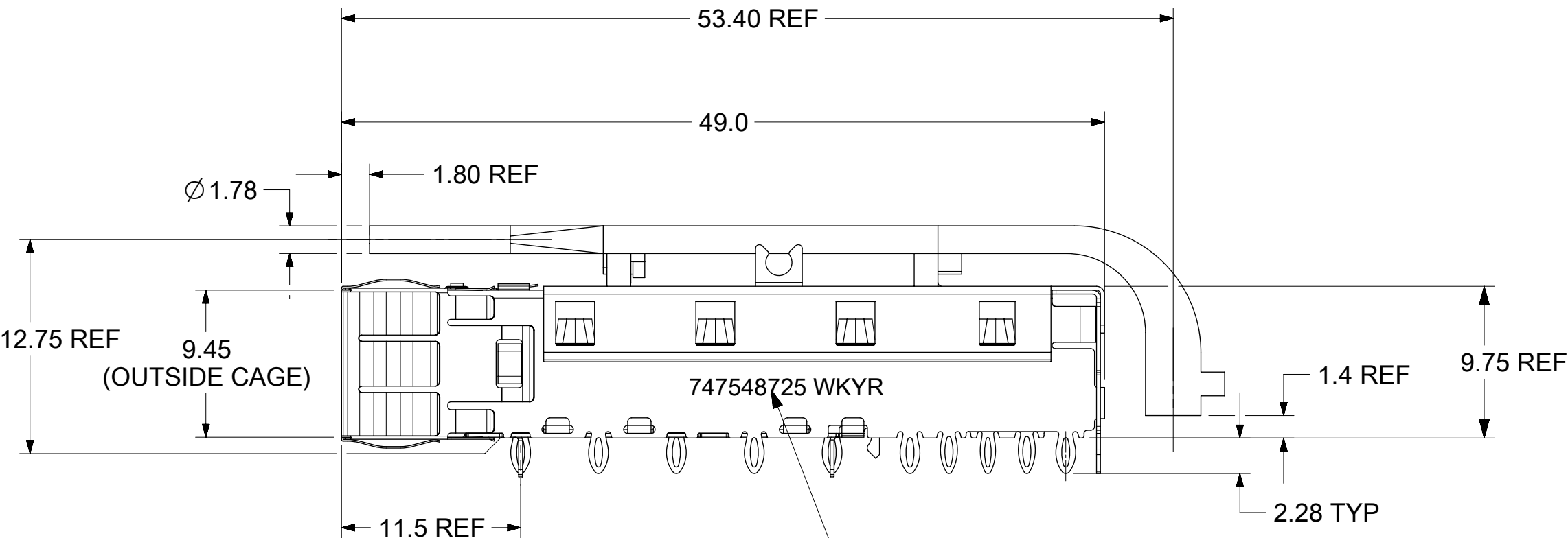
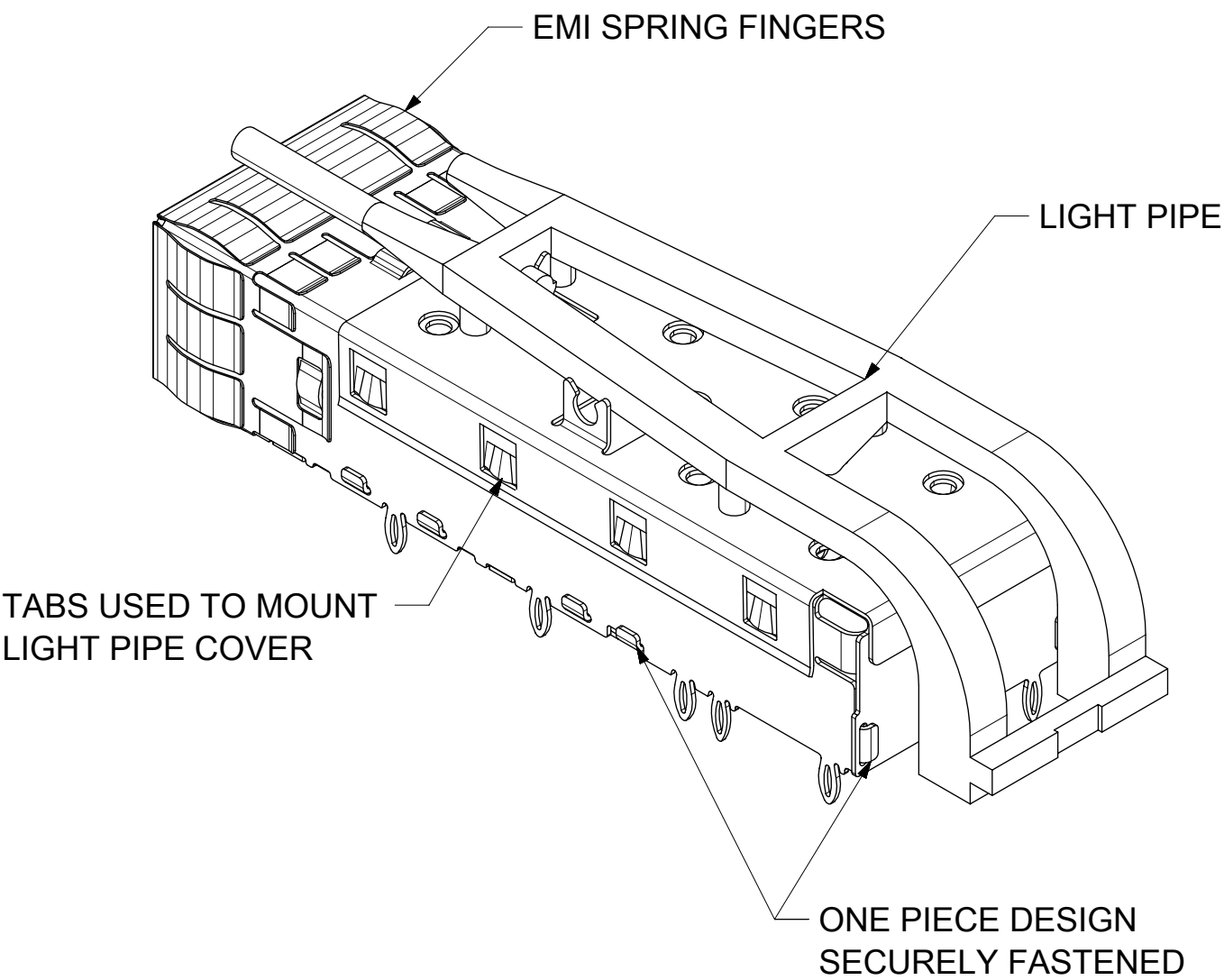




747548725 SHOWN

COMMON DETAILS



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN
SEE TABLE BELOW FOR DATE CODE INFORMATION

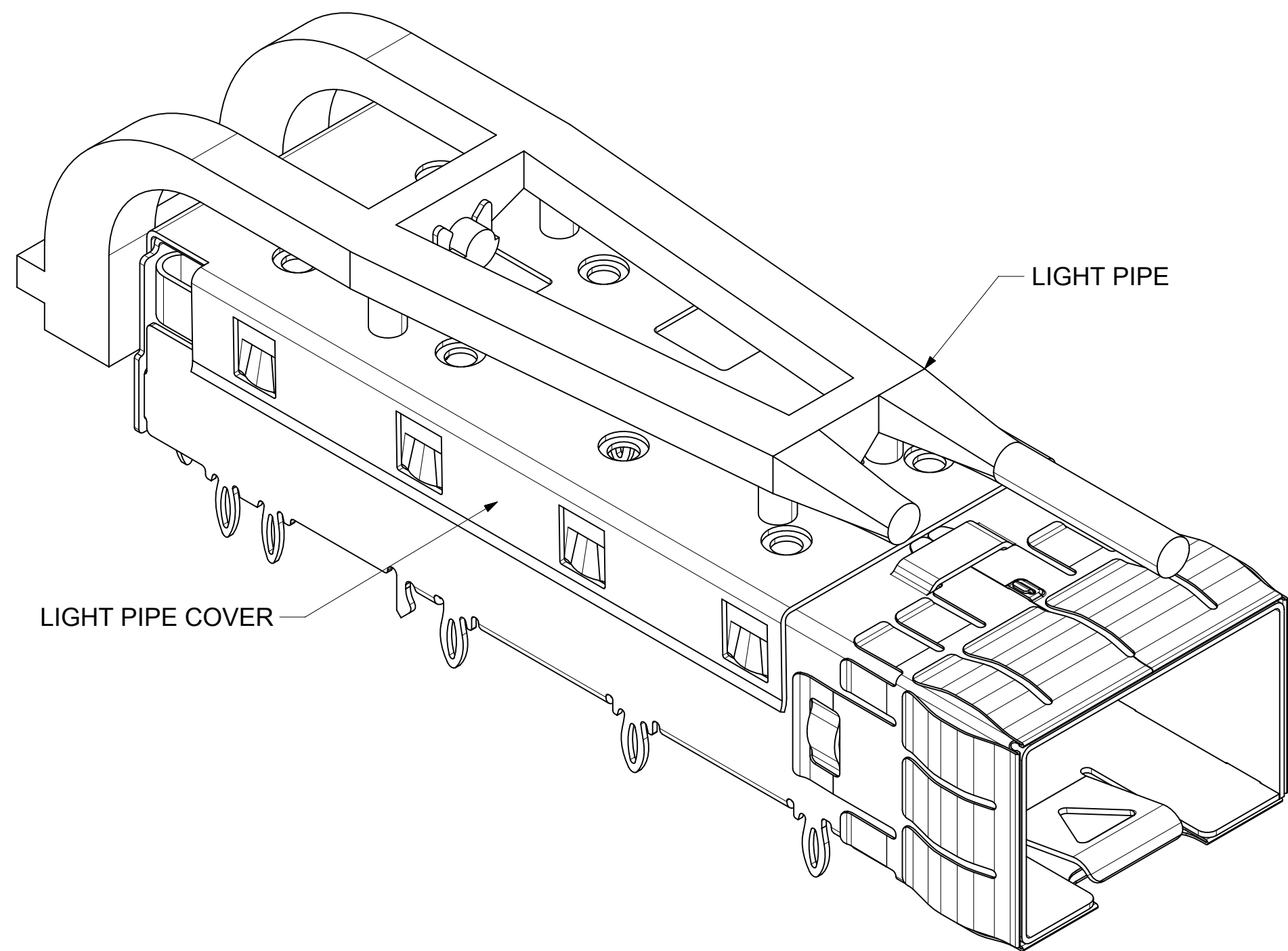
NOTES:

1. MATERIAL:
CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED
SPRING FINGER: STAINLESS STEEL.
LIGHT PIPE COVER: COPPER ALLOY
LIGHT PIPE: POLYCARBONATE (94-V0 RATED)
2. PRESS FIT LEGS 2.28mm LONG:
1.57mm MINIMUM PCB THICKNESS FOR SINGLE SIDED USE
3.00mm MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE
3. OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE
4. PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS
5. THE RECOMMENDATION LED PACKAGE TYPE IS 0402 (INCH)
6. NO RoHS EXEMPTIONS.

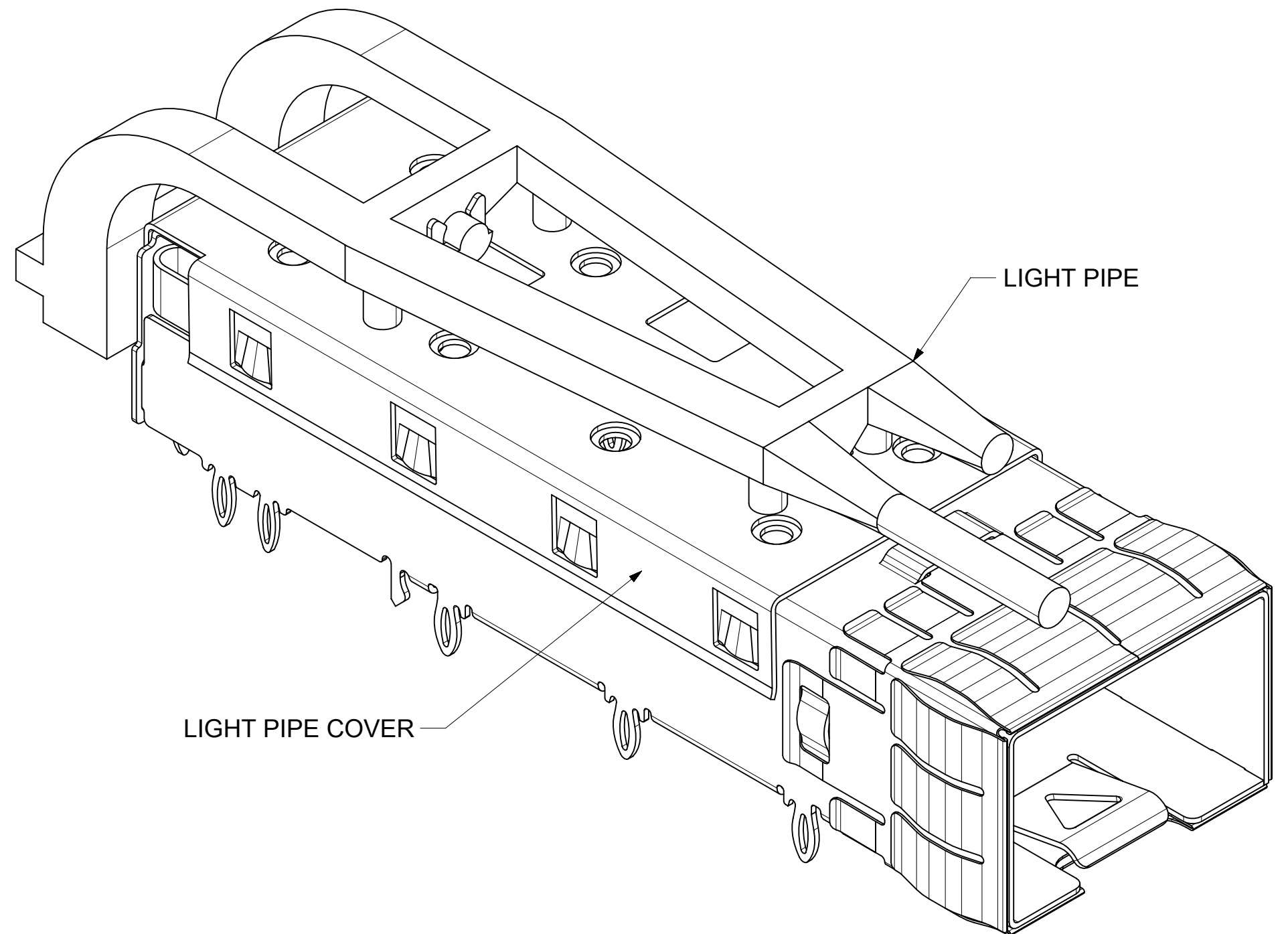
	WEEK/YEAR DATE CODE TABLE
WK	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YR	22, 23, 24 ETC. EXAMPLE: YEAR 2022 = 22

FUNCTIONAL SYMBOLS FA = 0 FE = 0 EP = 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 SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, W/SUS EMI SPRING FINGER & CUSTOM LIGHT PIPE				
	mm		3:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 706896 DRWN: PKH2022/04/06 CHK'D: TKUMARKC2022/05/19 APPR: SCHIEN2022/05/26				PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 1.0 °												
	4 PLACES		±		DOCUMENT NUMBER 747548725 DOC TYPE PSD DOC PART ASY REVISION A								
	3 PLACES		±										
	2 PLACES		± 0.15		MATERIAL NUMBER SEE SHEET 2 CUSTOMER SHEET NUMBER 1 OF 7								
	1 PLACE		± 0.25										
	0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 74754					

747548725 SHOWN



747548726 SHOWN

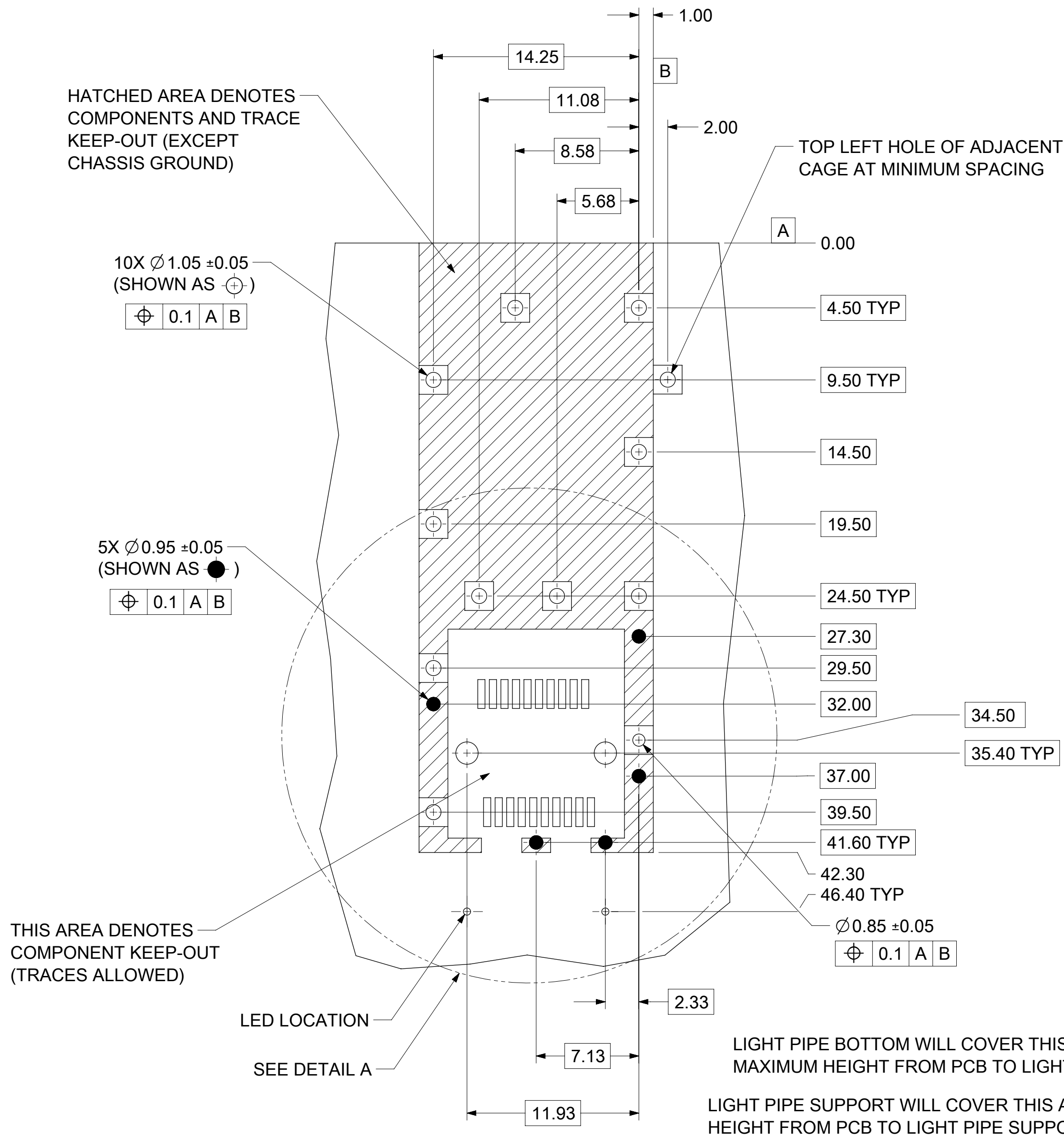


SL NO	FG PART NUMBER	DESCRIPTION	LIGHT PIPE
1	747548725	SFP+ 1X1 CAGE 2.28MM PRESS FIT PINS, EMI SPRING FINGER W/ CUSTOM LIGHT PIPE	LEFT SIDE LIGHT PIPE TIP REMOVED
2	747548726	SFP+ 1X1 CAGE 2.28MM PRESS FIT PINS, EMI SPRING FINGER W/ CUSTOM LIGHT PIPE	RIGHT SIDE LIGHT PIPE TIP REMOVED

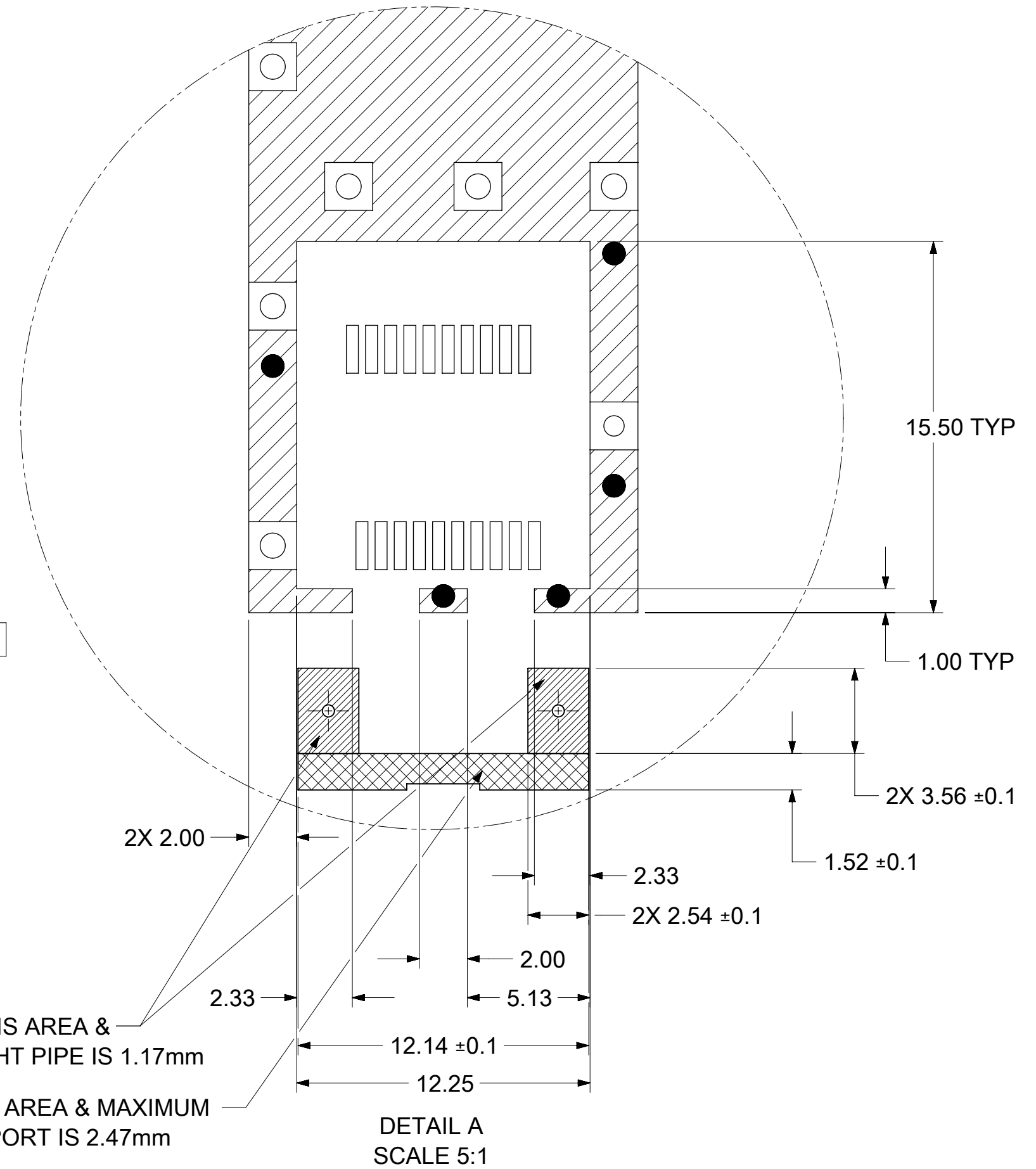
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE		molex			
F_A = 0	mm		5:1							
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, W/SUS EMI SPRING FINGER & CUSTOM LIGHT PIPE					
	ANGULAR TOL ± 1.0 °									
	4 PLACES		±		EC NO: 706896		PRODUCT CUSTOMER DRAWING			
	3 PLACES		±		DRWN: PKH 2022/04/06					
	2 PLACES		± 0.15		CHK'D: TKUMARKC 2022/05/19					
	1 PLACE		± 0.25		APPR: SCHIEN 2022/05/26					
0 PLACES		±		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				DRWN: PKH 2022/04/06		747548725		PSD	ASY	A
				APPR: SCHIEN 2022/05/26						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				C-SIZE	74754	SEE SHEET 2				2 OF 7

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26	08:01:46
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PCB LAYOUT FOR SINGLE SIDE MOUNT



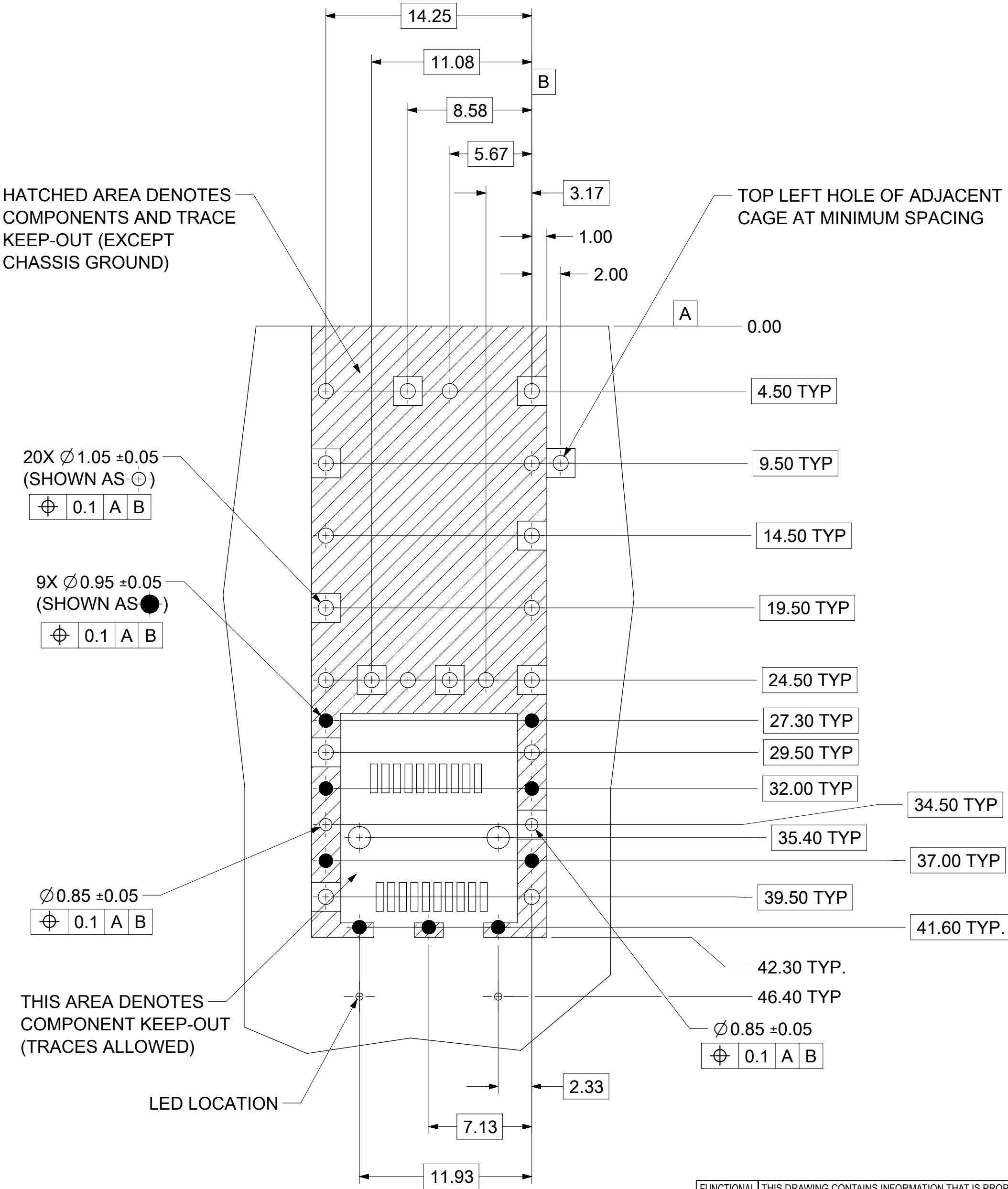
HOST CONNECTOR DETAIL



- NOTES:
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
 2. RECOMMEND 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											
F A = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, W/SUS EMI SPRING FINGER & CUSTOM LIGHT PIPE				
	mm		4:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
F C = 0	ANGULAR TOL ± 1.0°				EC NO: 706896 DRWN: PKH 2022/04/06 CHK'D: TKUMARKC 2022/05/19 APPR: SCHIEN 2022/05/26			PRODUCT CUSTOMER DRAWING				
	4 PLACES		±									
	3 PLACES		±									
DIVISIONAL SYMBOLS	2 PLACES		± 0.15		INITIAL REVISION: DRWN: PKH 2022/04/06 APPR: SCHIEN 2022/05/26			DOCUMENT NUMBER 747548725		DOC TYPE PSD	DOC PART ASY	REVISION A
	1 PLACE		± 0.25									
	0 PLACES		±									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 									

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



- 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																	
FUNCTIONAL SYMBOLS $\frac{F}{A} = 0$ $\frac{F}{C} = 0$ $\frac{F}{P} = 0$ DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex								
	mm		4:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±		EC NO: 706896		2022/04/06		SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, W/SUS EMI SPRING FINGER & CUSTOM LIGHT PIPE								
	3 PLACES		±		DRWN: PKH		2022/05/19										
	2 PLACES		± 0.15		CHK'D: TKUMARKC		2022/05/26										
	1 PLACE		± 0.25		APPR: SCHIEN		2022/05/26		PRODUCT CUSTOMER DRAWING								
	0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
				DRWN: PKH				747548725		PSD		ASY		A			
				APPR: SCHIEN				2022/04/06									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								C-SIZE		74754		SEE SHEET 2				4 OF 7	

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE,
W/SUS EMI SPRING FINGER & CUSTOM LIGHT PIPE

PRODUCT CUSTOMER DRAWING

747548725

PSD ASY A

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Technical drawing of the back view of the device. The drawing shows the internal components, including the PCB, battery, and various connectors. Key dimensions and features are labeled:

- 45.50 REF**: Overall width dimension.
- 9.50 REF**: Overall height dimension.
- 747548725 WKYR**: Text label on the PCB.
- 0.43 ±0.1**: Dimension for the bezel opening below the PCB pad surface.
- BEZEL OPENING BELOW PCB PAD SURFACE**: Description of the opening.
- A**: Label for a specific feature or component.
- 3.50 ±0.30**: Dimension for a specific feature or component.

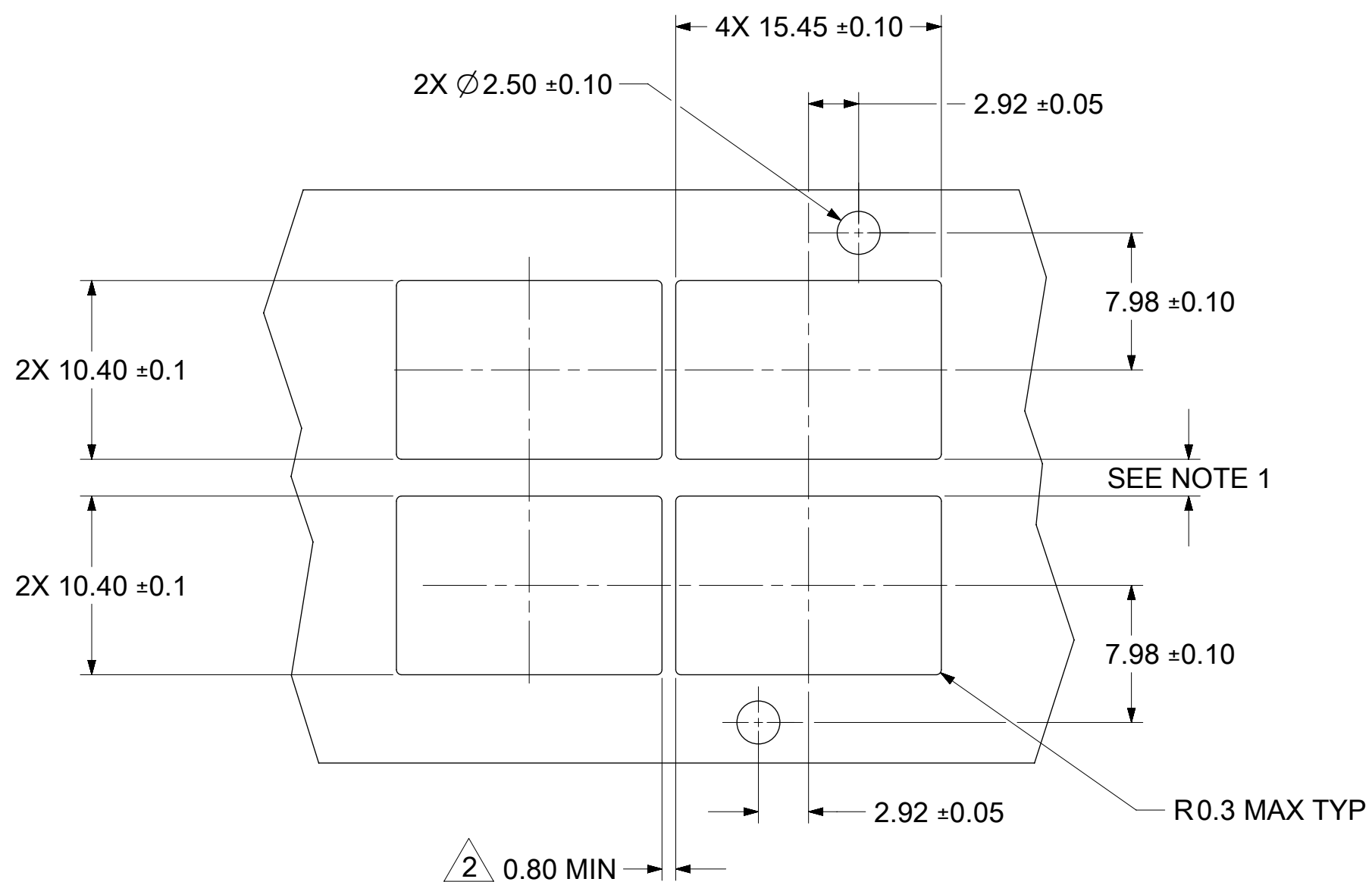
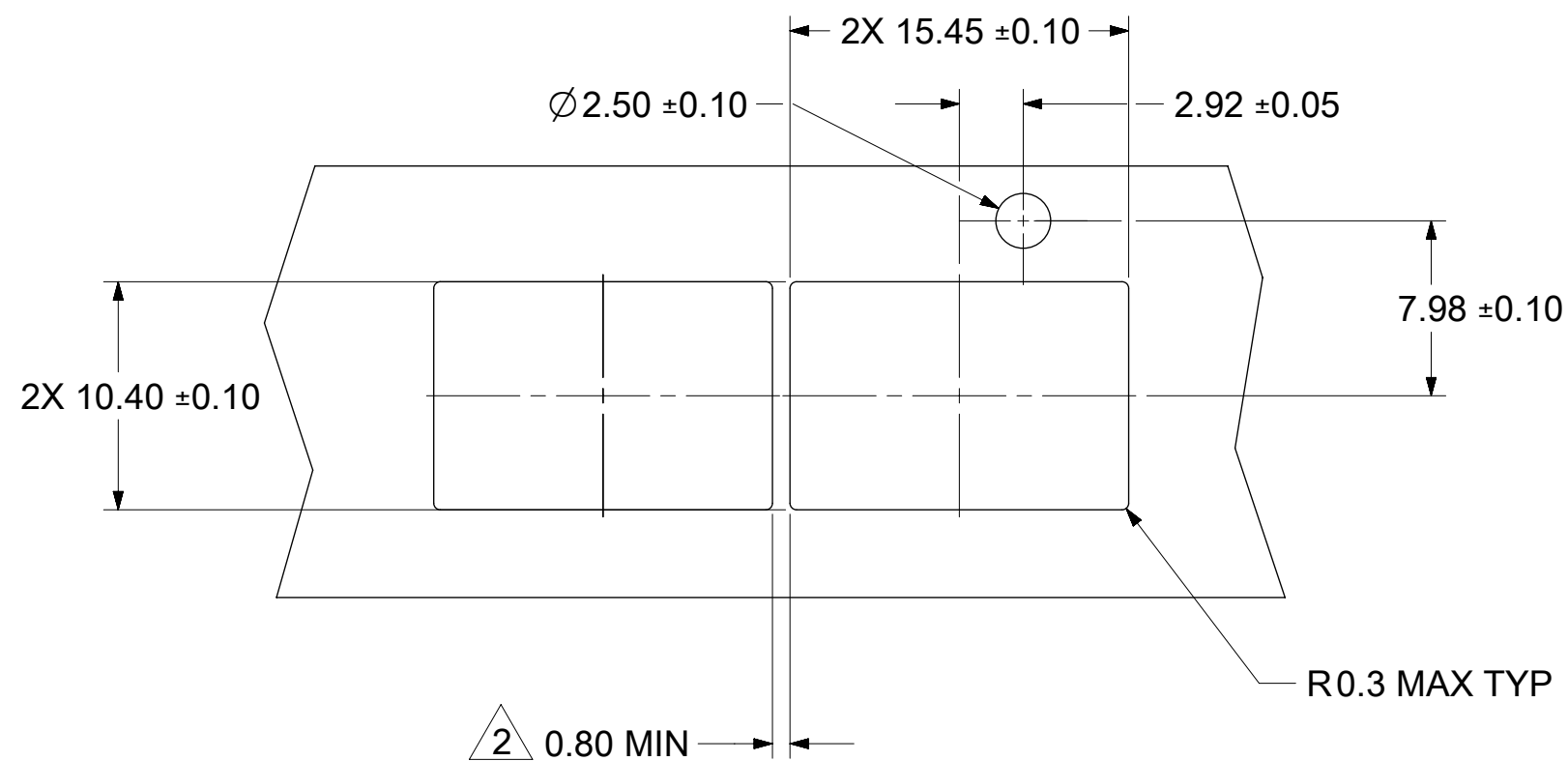
Technical drawing of the front view of a device. The drawing includes the following dimensions and callouts:

- Overall width: $2 \times 45.50 \text{ REF}$
- Overall height: 9.50 REF
- Top bezel opening below PCB pad surface: 0.43 ± 0.1
- Bottom bezel opening above PCB pad surface: 0.43 ± 0.1
- Bottom edge dimension: 3.50 ± 0.30
- Internal part number: 747548725 WKYR
- Section line A-A is indicated at the bottom.

FORMAT: master-ib-prod-C	12	11	10
REVISION: J1			

747548725 SHOWN

BEZEL DETAILS



NOTE:

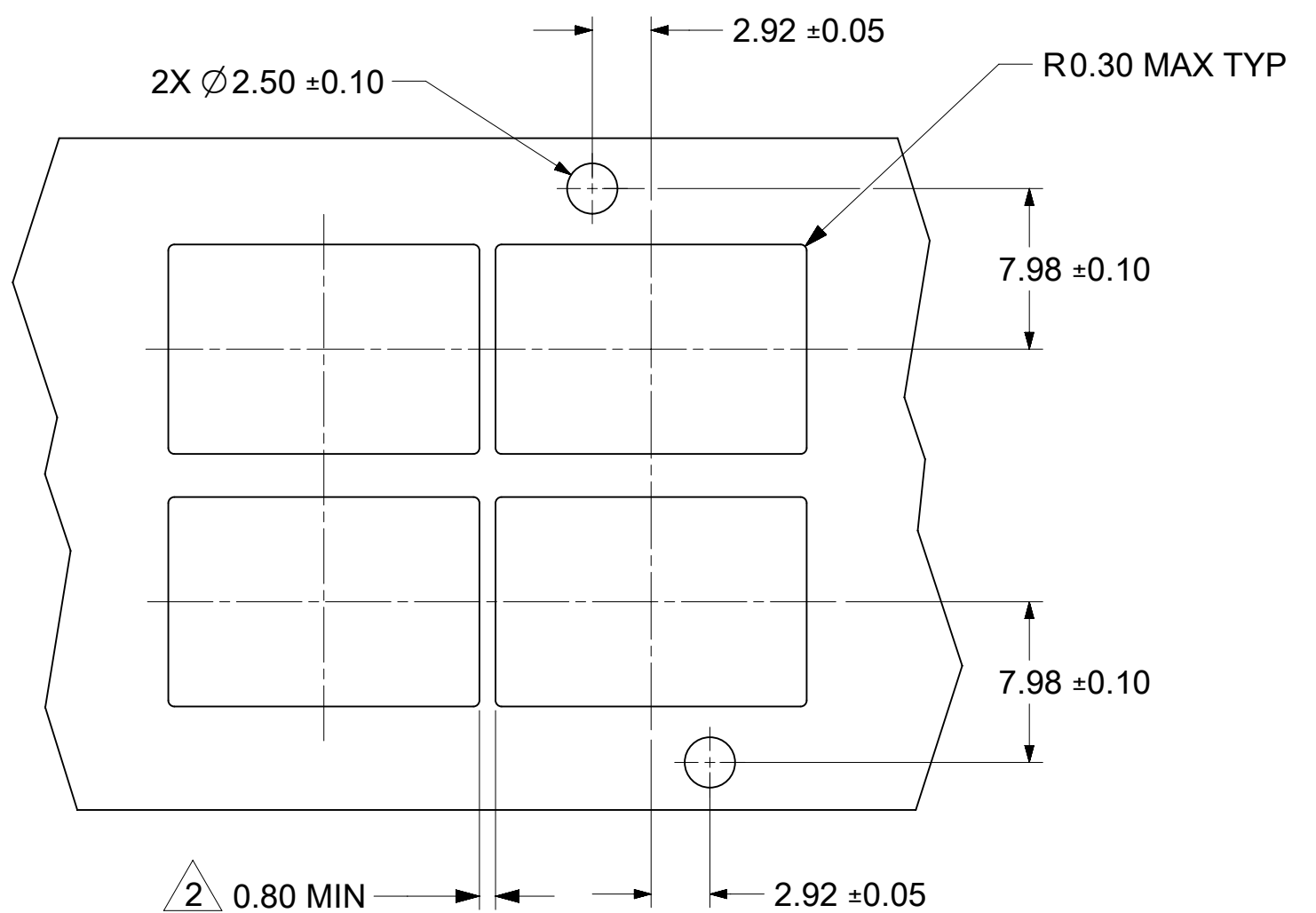
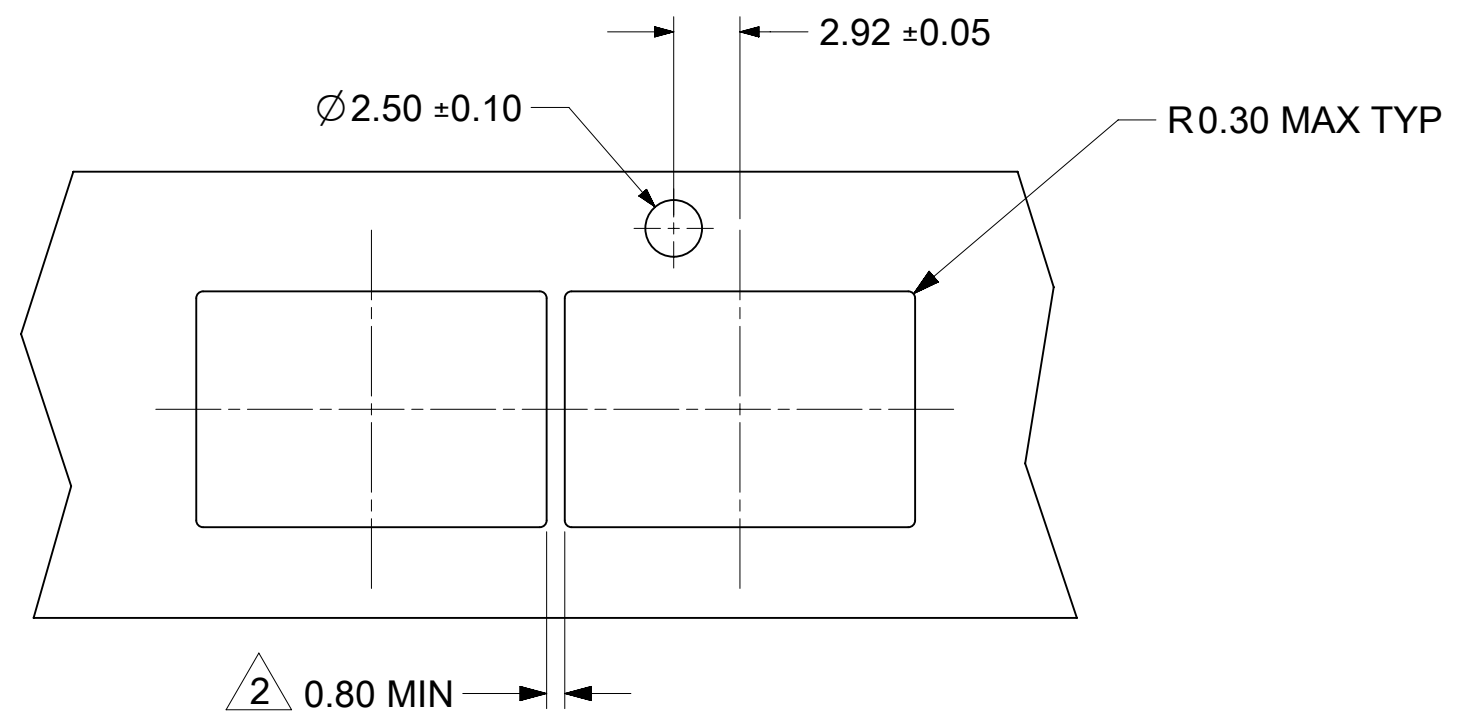
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING AND LOCATION
2. THIS DIMENSION IS FOR REFERENCE ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION.
(THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT)

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FORMAT: master-ib-prod-C

747548726 SHOWN

BEZEL DETAILS



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			molex					
	mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 1.0 °													
4 PLACES		±											
3 PLACES		±		EC NO: 706896				SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, W/SUS EMI SPRING FINGER & CUSTOM LIGHT PIPE					
2 PLACES		± 0.15		DRWN: PKH 2022/04/06									
1 PLACE		± 0.25		CHK'D: TKUMARKC 2022/05/19									
DIVISIONAL SYMBOLS	0 PLACES		±		APPR: SCHIEN 2022/05/26			PRODUCT CUSTOMER DRAWING					
	INITIAL REVISION:												
	0 PLACES		±		DRWN: PKH 2022/04/06			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	0 PLACES		±		APPR: SCHIEN 2022/05/26			747548725		PSD	ASY	A	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				C-SIZE		74754		SEE SHEET 2				6 OF 7	

A

