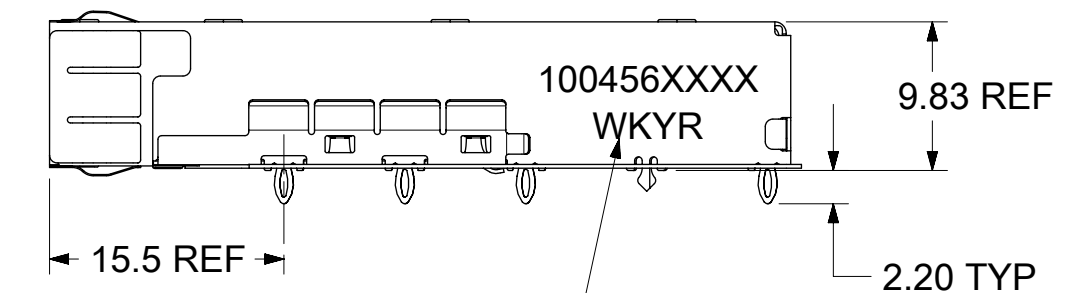
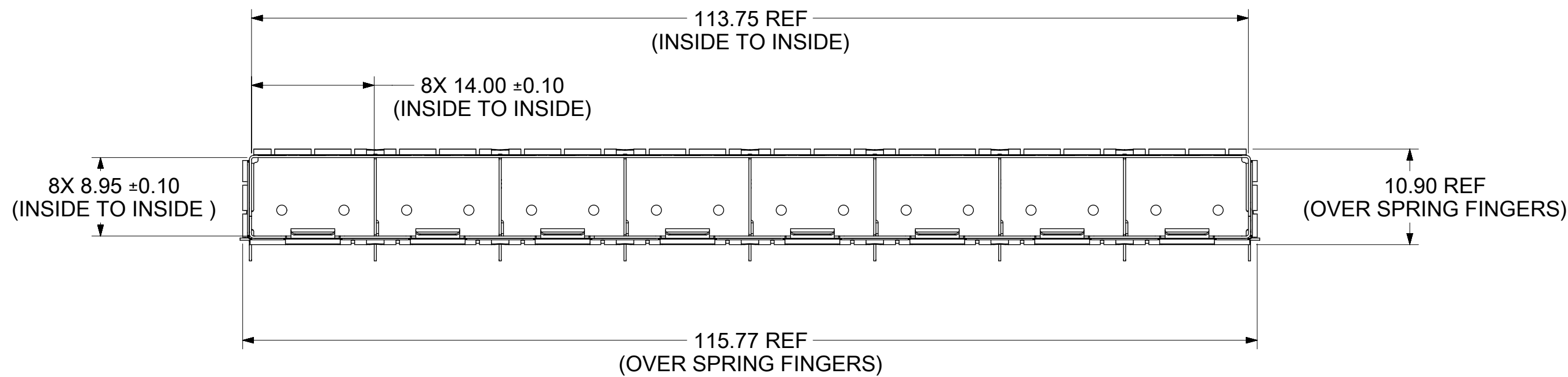
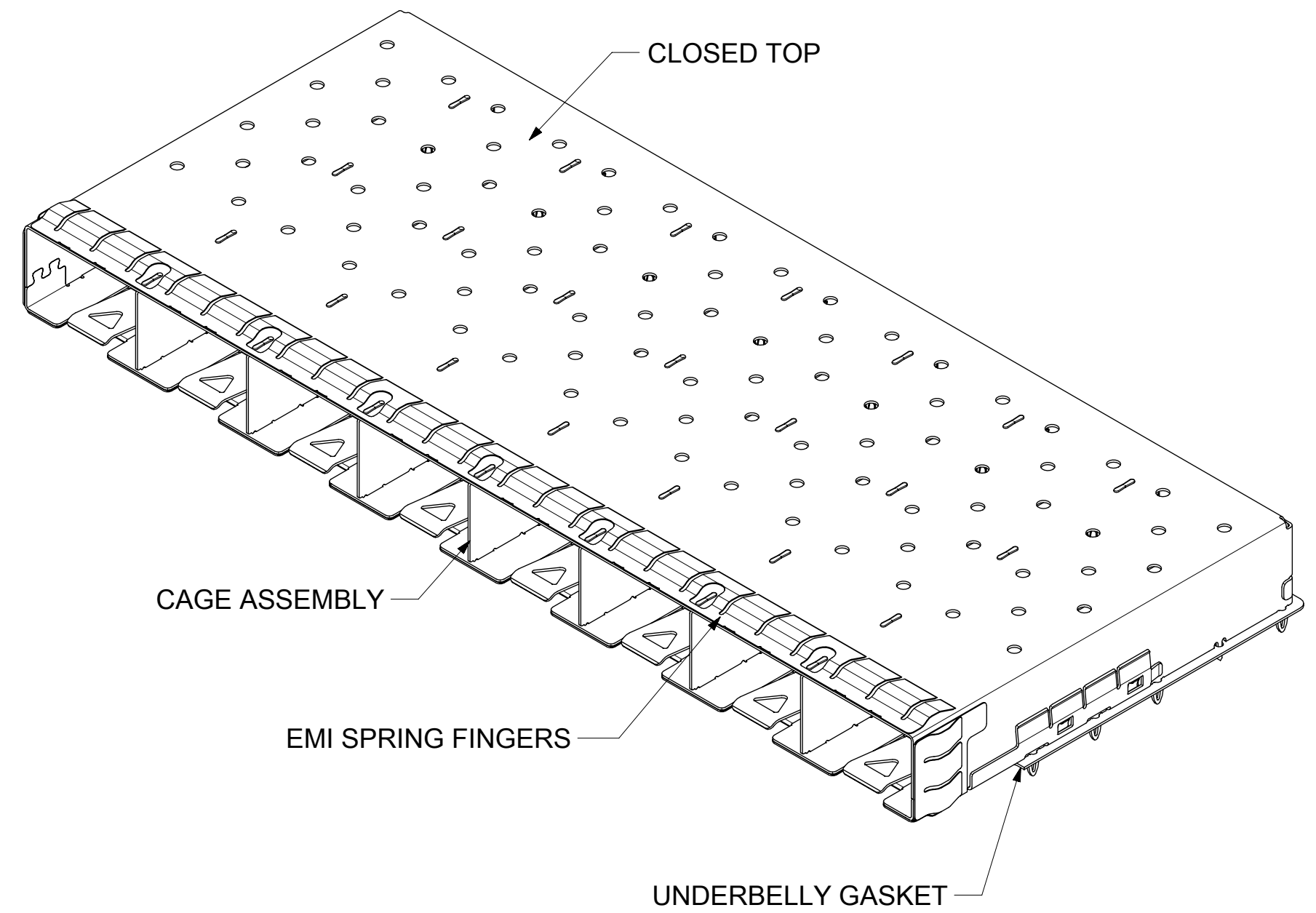
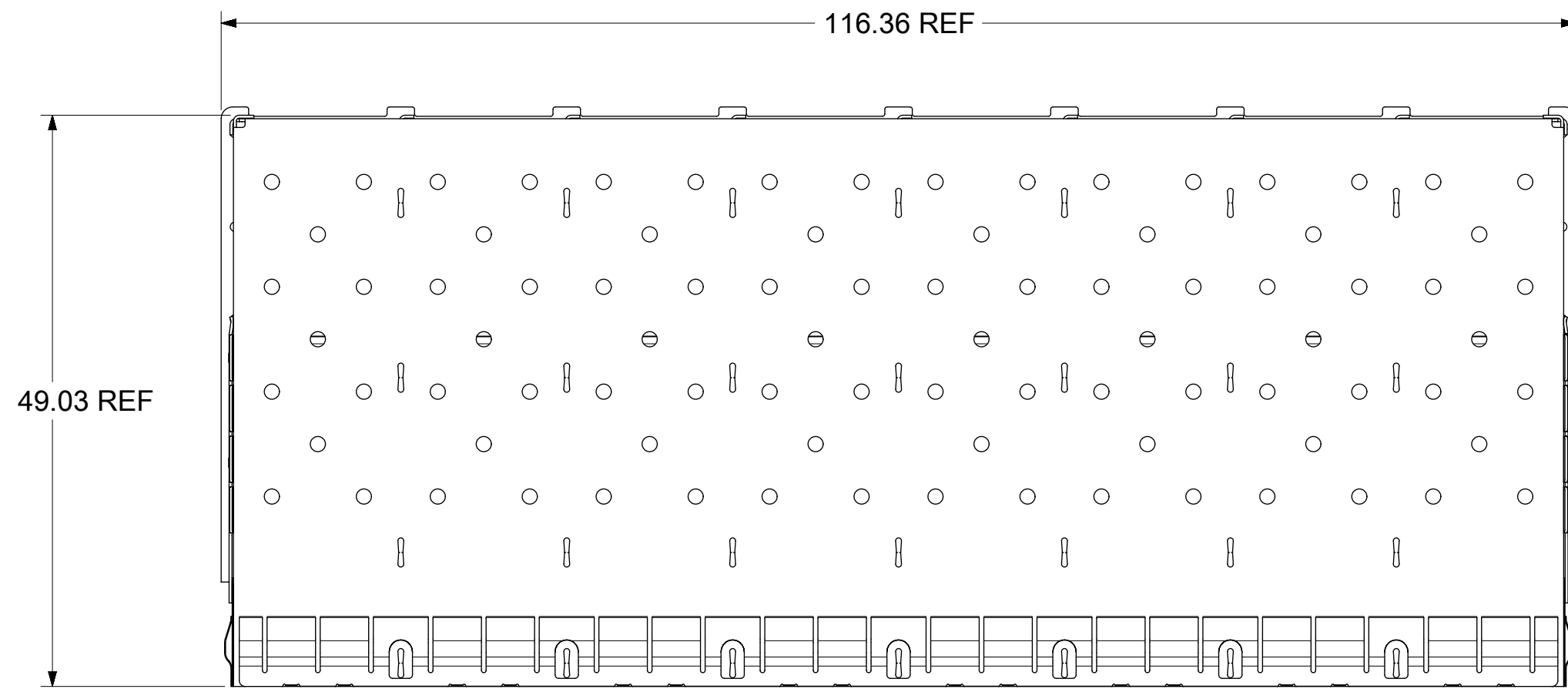


THIS CAGE HAS A CUSTOM LEG CONFIGURATION FOR BELLY TO BELLY MOUNTING OPPOSITE A 2X8 GANGED CAGE



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

- NOTES:
- MATERIAL:  
CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED.  
SPRING FINGERS: STAINLESS STEEL.  
UNDER BELLY GASKET: EMI GASKET
  - PRESS FIT LEGS 2.20mm LONG
  - WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.
  - NO RoHS EXEMPTIONS.
  - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS.

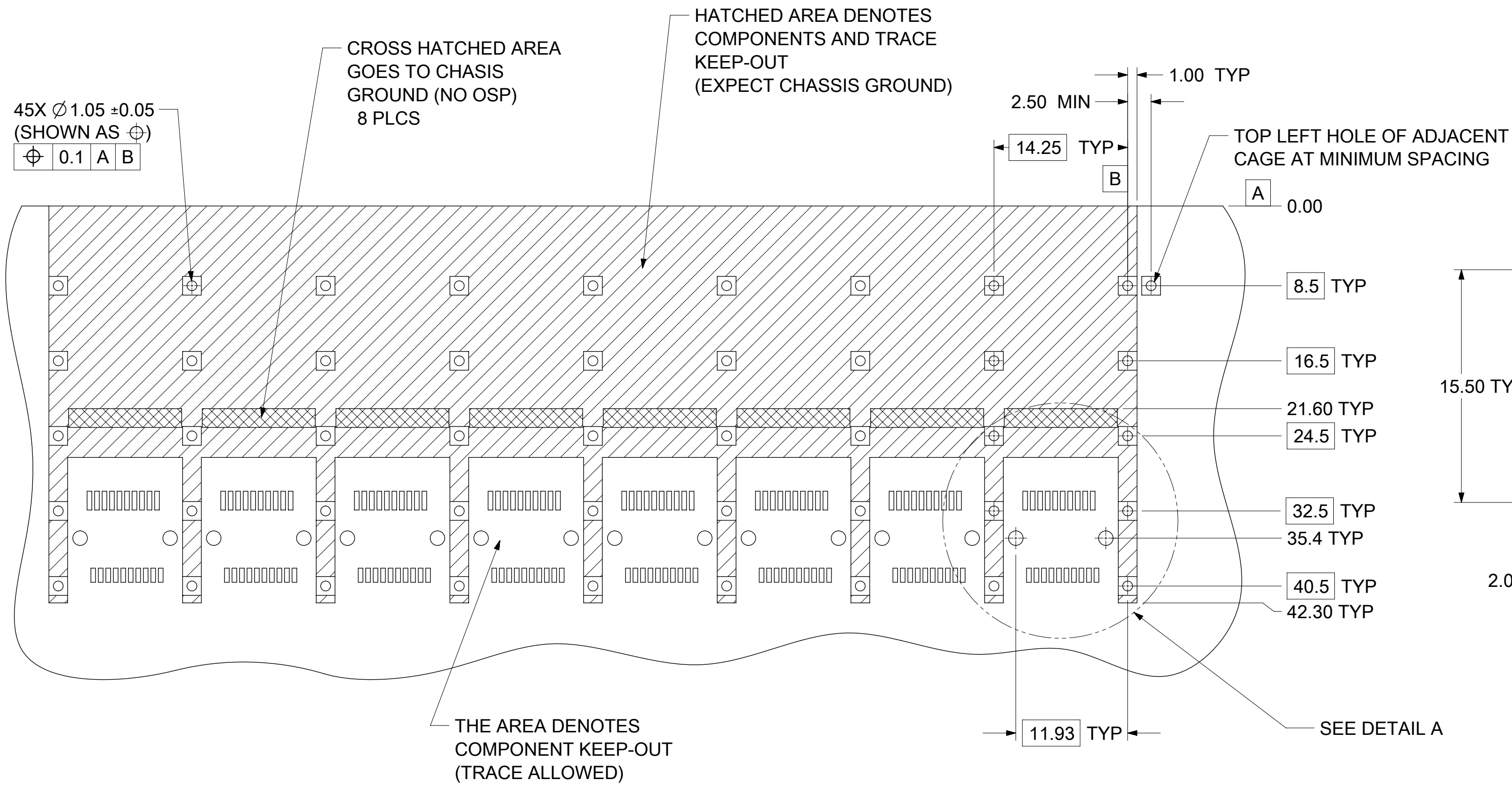
WEEK/YEAR DATE CODE TABLE	
WK	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YR	22, 23, 24 ETC. EXAMPLE: YEAR 2022 = 22

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 2:1		CURRENT REV DESC: SEE REVISION TABLE									
	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm		EC NO: 707058					ZSFP+ GEN 2 1X8 GANGED CAGE ASSEMBLY PRESS FIT TYPE W/ SUS SPRING FINGER, BELLY TO BELLY WITH 2X8				
	ANGULAR TOL	± 1.0°		4 PLACES ±		2022/04/11		PRODUCT CUSTOMER DRAWING					
	DIVISIONAL SYMBOLS	3 PLACES ±		2 PLACES ± 0.13		2022/05/24					DOCUMENT NUMBER <b>1004568820</b>		
1 PLACE ± 0.25		0 PLACES ±		2022/05/27		DOC TYPE		DOC PART		REVISION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		100456		1004568820				1 OF 4	

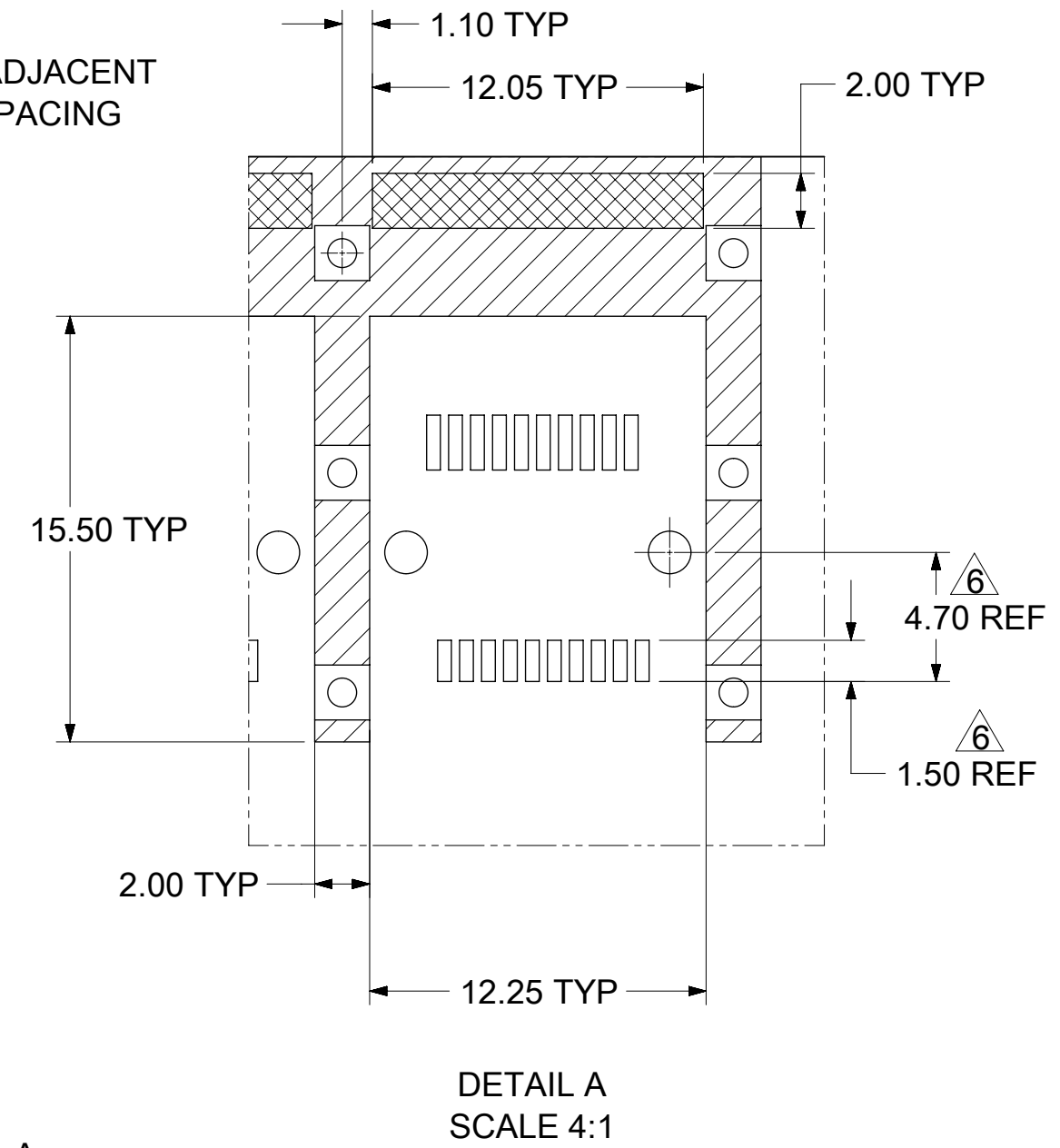
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/27	09:56:11
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# PCB LAYOUT

## THIS CAGE HAS A CUSTOM LEG CONFIGURATION FOR BELLY TO BELLY MOUNTING OPPOSITE A 2X8 GANGED CAGE



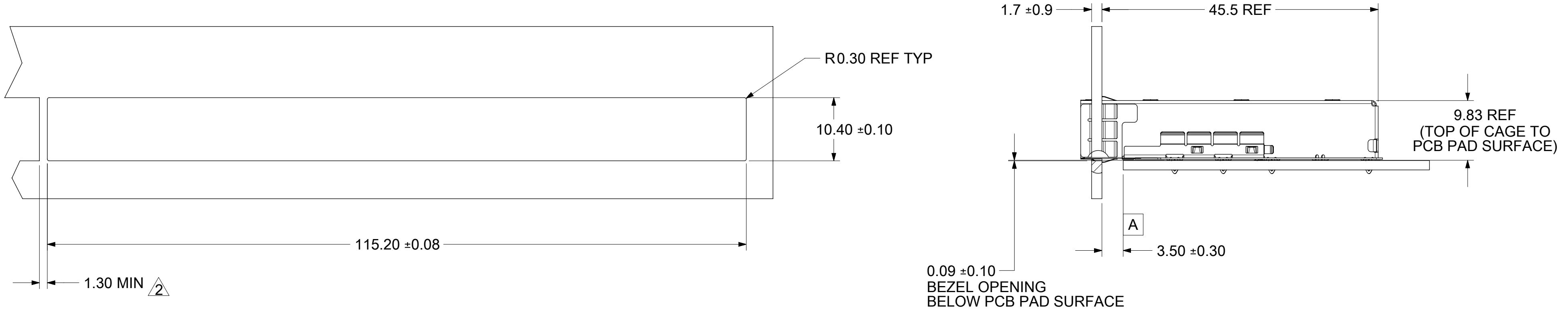
### HOST CONNECTOR DETAIL



- 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 CONNETOR SERIES 170382 OR EQUIVALENT.
  - HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25MM.
  - RECOMMENDED BOARD THICKNESS:
    - 1.57MM MINIMUM PCB THICKNESS FOR SINGLE SIDED USE
    - 3.00MM MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE
  - REAR ROW OF PADS HAVE BEEN SHORTENED IN ORDER TO WORK WITH LAYOUT OF THE 2X8 CAGE.

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																															
mm		2.5:1		EC NO: 707058 DRWN: ABHILT2 CHK'D: TKUMARKC APPR: SCHIEN INITIAL REVISION: DRWN: ABHILT2 APPR: SCHIEN																															
GENERAL TOLERANCES (UNLESS SPECIFIED)																				2022/04/11															
ANGULAR TOL ± 1.0°																				2022/05/24															
4 PLACES		±		2022/05/27																															
3 PLACES		±		2022/04/11																															
2 PLACES		± 0.13		2022/05/27																															
1 PLACE		± 0.25		2022/04/11																															
0 PLACES		±		2022/05/27																															
DIVISIONAL SYMBOLS										THIRD ANGLE PROJECTION																									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										DRAWING SERIES																									
C-SIZE										100456																									
DOCUMENT STATUS										MATERIAL NUMBER																									
P1										1004568820																									
RELEASE DATE										CUSTOMER																									
2022/05/27 09:56:11										1004568820																									
DOCUMENT NUMBER										SHEET NUMBER																									
1004568820										2 OF 4																									
DOC TYPE										DOC PART																									
PSD										ASY																									
REVISION										A																									

# BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



**NOTE:**  
 1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING SIZE AND LOCATION.  
 2. THIS DIM IS FOR REF ONLY USER CAN MODIFY IT DEPENDS ON APPLICATION, HOLE OF ADJACENT CAGE ON PCB LAYOUT VARIES BASED ON MODIFICATION.  
 3. CAGE STAND OFF TO PIERCE UNDERBELLY GASKET.

<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	SCALE	CURRENT REV DESC: SEE REVISION TABLE
	mm	2:1	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		
<b>DIVISIONAL SYMBOLS</b> 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±	ANGULAR TOL ± 1.0°		EC NO: 707058
			DRWN: ABHILT2 2022/04/11
			CHK'D: TKUMARKC 2022/05/24
			APPR: SCHIEN 2022/05/27
			INITIAL REVISION:
		DRWN: ABHILT2 2022/04/11	DOCUMENT NUMBER
		APPR: SCHIEN 2022/05/27	1004568820
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			C-SIZE
		SERIES	100456
		MATERIAL NUMBER	1004568820
		CUSTOMER	
		SHEET NUMBER	3 OF 4

**molex**

ZSFP+ GEN 2 1X8 GANGED CAGE ASSEMBLY  
 PRESS FIT TYPE W/ SUS SPRING FINGER, BELLY  
 TO BELLY WITH 2X8

PRODUCT CUSTOMER DRAWING

