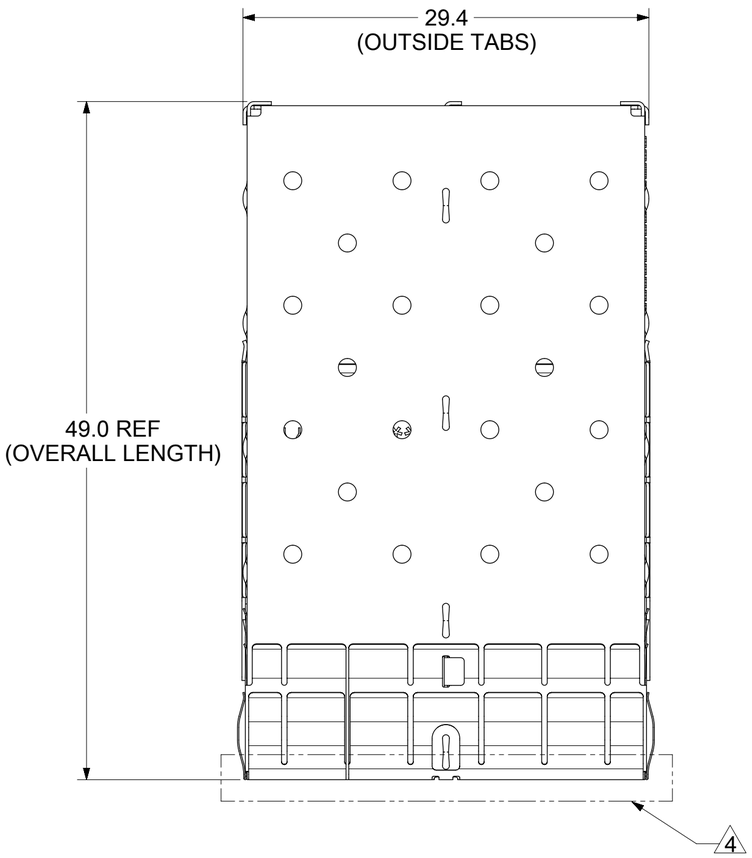
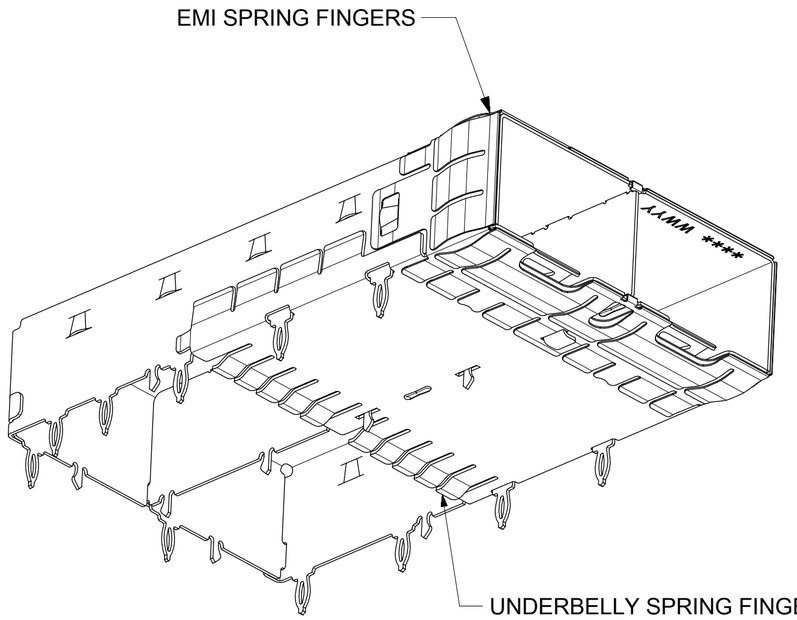
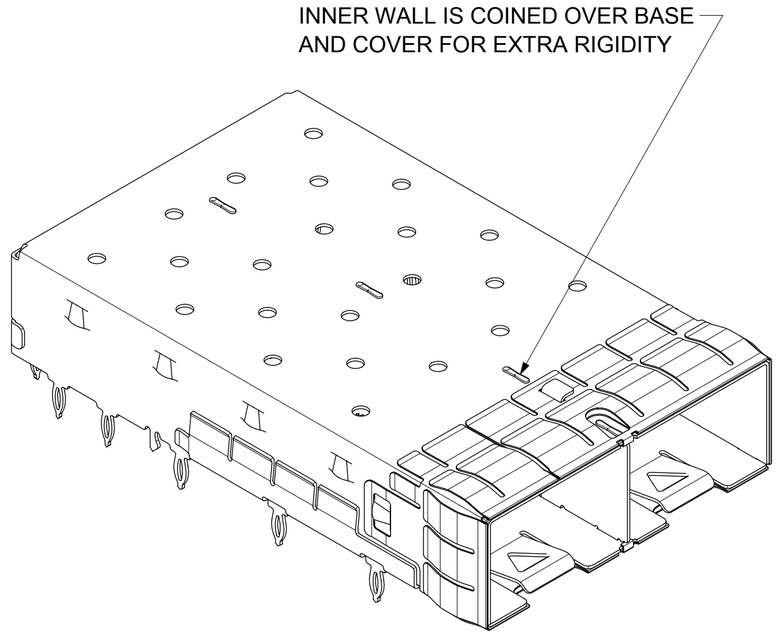
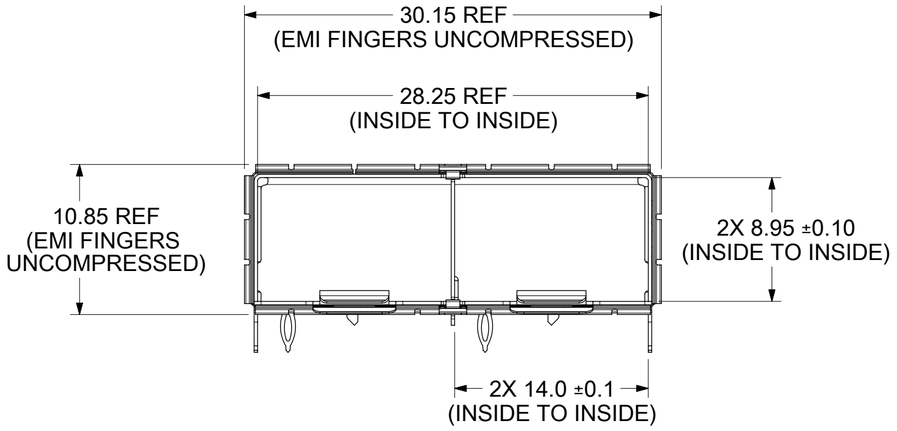
BASE CAGE DETAILS

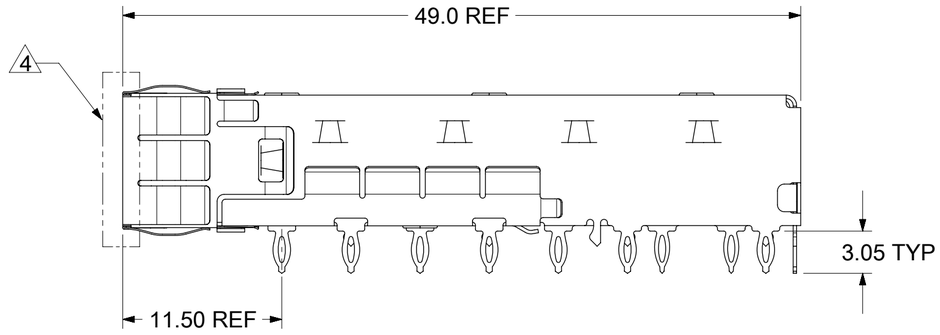
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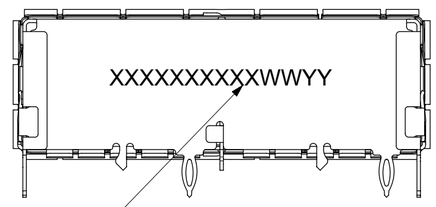












PN/DATE CODE TO BE PRINTED ON THE BACK OF
COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.
FOR 74754 SERIES CAGE
(747540247 NO NEED PRINTED)

WEEK/YEAR DATE CODE TABLE	
WW	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE:01= FIRST WEEK OF YEAR 52=LAST WEEK OF YEAR)
YY	22, 23, 24 ETC. EXAMPLE: YEAR 2022 = 22

NOTES:
1. MATERIAL:
   CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED.
   SPRING FINGERS: STAINLESS STEEL.
   HEATSINK: ALUMINUM, NICKEL PLATED.
   HEATSINK SPRING CLIP: STAINLESS STEEL.
2. PRESS FIT LEGS 3.05mm LONG
3. PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS. THE TOP SURFACE OF THE MODULE MUST BE FLAT (NO PRODUCT LABEL RECESS) AND THERMALLY CONDUCTIVE TO FUNCTION OPTIMALLY.
4. WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.
5. NO RoHS EXEMPTIONS.
6. CUSTOM HEATSINKS AVAILABLE UPON REQUEST.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
CHK'D: TKUMARKC 2022/05/24
APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

molex

SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

PRODUCT CUSTOMER DRAWING

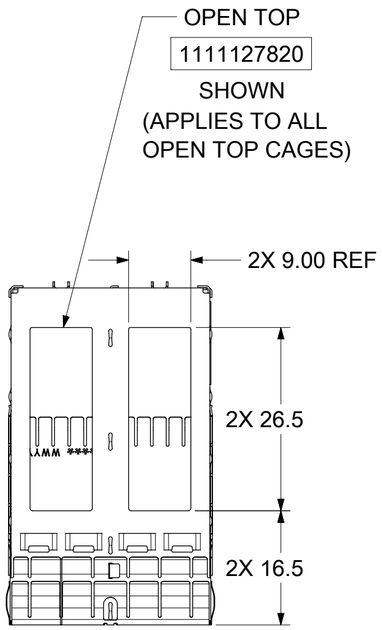
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1111128820	PSD	ASY	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	111112	SEE SHEET 3		1 OF 7

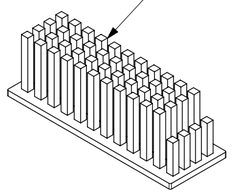
DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26 07:26:29

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

CAGE ASSEMBLY OPTIONS



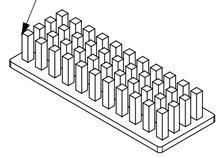
HEATSINK OPTIONS
(2 PLC)
CUSTOM



OVERALL HEATSINK HEIGHT

STYLE	DIM 'A'	DIM 'B'
CUSTOM	20.4	16.7

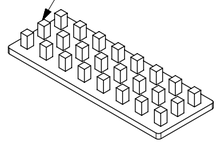
HEATSINK OPTIONS
(2 PLC)
PIN FIELD SAN



OVERALL HEATSINK HEIGHT

APPLICATION	STYLE	DIM 'A'
SAN	PIN FIELD	16.6

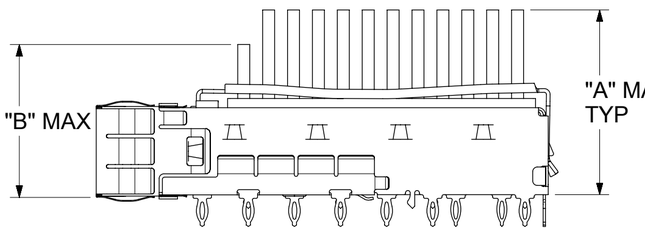
HEATSINK OPTIONS
(2 PLC)
WIDE GAP PCI

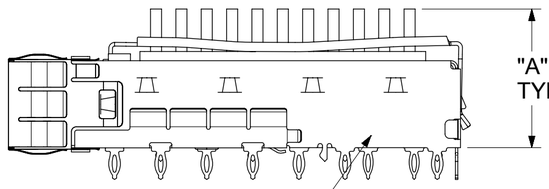


OVERALL HEATSINK HEIGHT

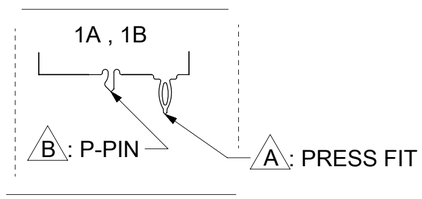
APPLICATION	STYLE	DIM 'A'
PCI	WIDE GAP PIN	14.3

NOTE: PCI - 13 ROWS
SAN - 11 ROWS





REAR LEG OPTIONS
(PER PORT)



PN/DATE CODE TO BE PRINTED ON THE SIDE OF
COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.
FOR 111112 SERIES CAGES

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

1 WITH MODULE INSERTED, DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
CHK'D: TKUMARKC 2022/05/24
APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 111112

molex

SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

PRODUCT CUSTOMER DRAWING

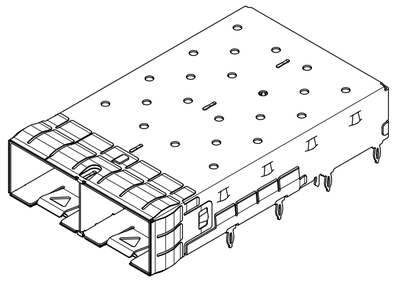
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1111128820	PSD	ASY	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3		2 OF 7

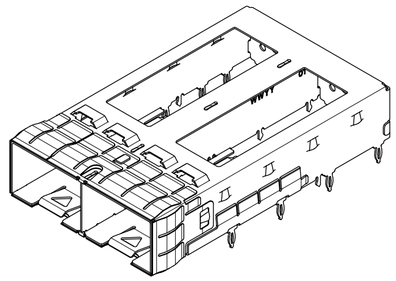
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FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

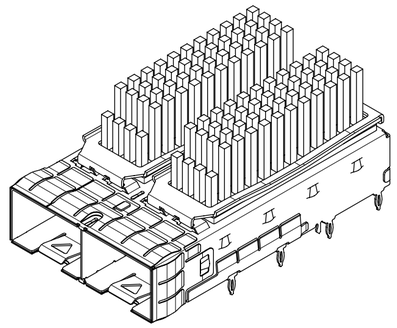
PART NUMBER SELECTION



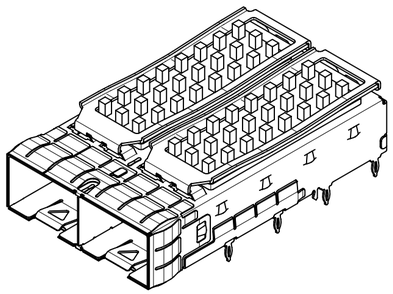
SFP+ CLOSED TOP BASE CAGE	
PART NO.	DESCRIPTION
747548220	SFP FOOTPRINT (STD B TO B), 5 WELD POINTS
747548247	SAME AS ABOVE BUT NO PN/DATE CODE PRINTED



SFP+ OPEN TOP BASE CAGE FOR HEATSINK	
PART NO.	1111127820



SFP+ CUSTOM HEATSINK OPTION	
PART NO.	1111128226



SFP+ LATERAL FIN HEATSINK OPTION	
PART NO.	APPLICATION
1111128820	PCI

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1.25:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
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APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 111112

molex

SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

PRODUCT CUSTOMER DRAWING

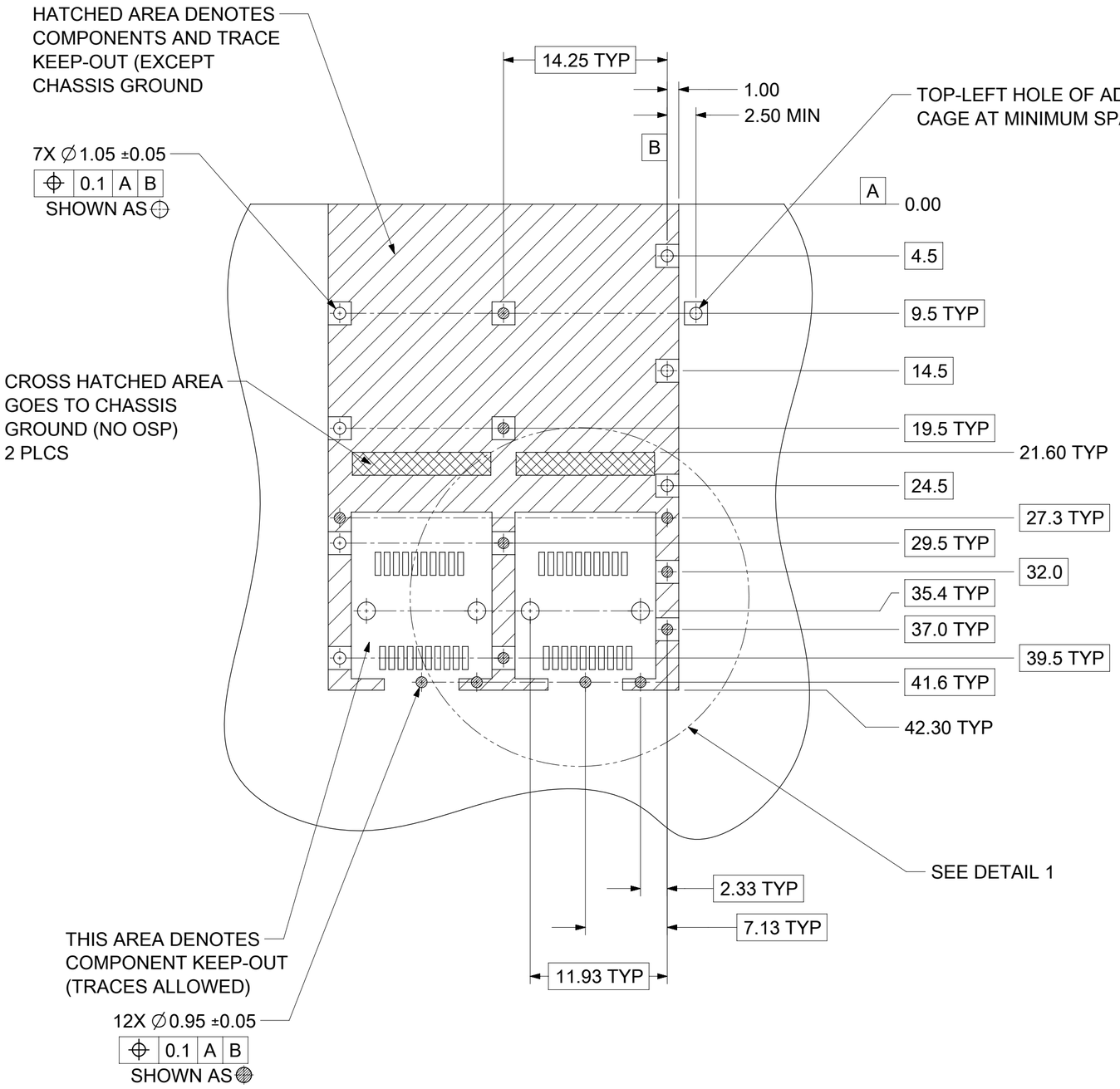
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1111128820	PSD	ASY	A

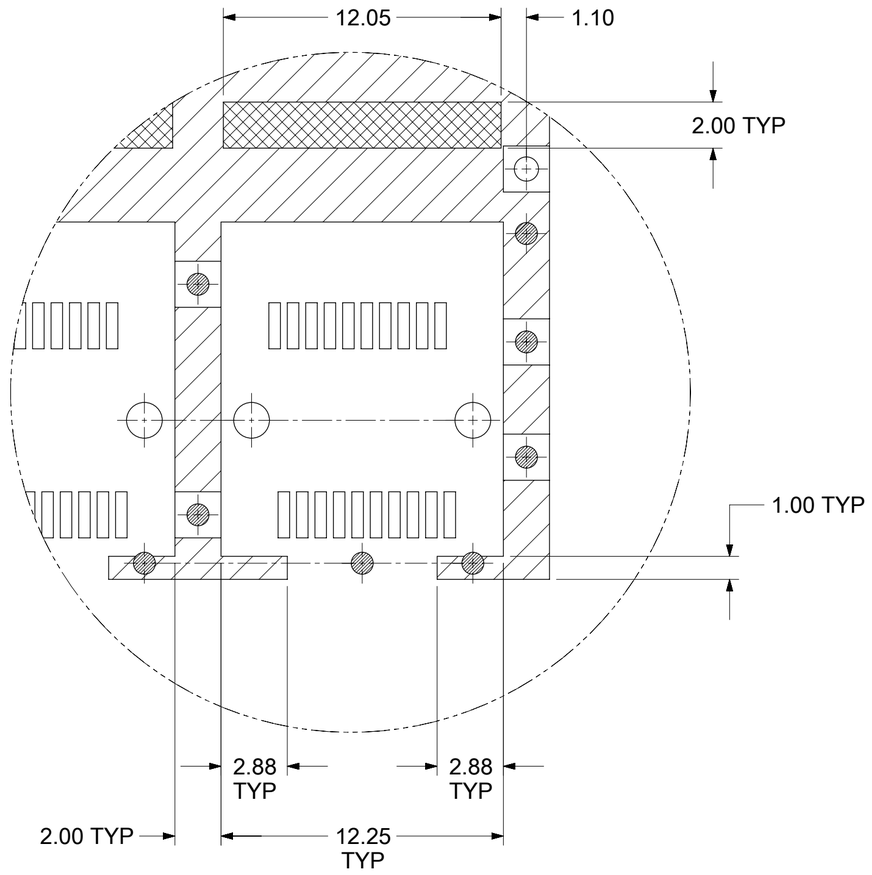
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3		3 OF 7

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26 07:26:29

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

PCB LAYOUT - SINGLE SIDE ONLY





DETAIL 1
SCALE 5:1

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 ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. SPACING BETWEEN PORTS IS 14.25mm
5. 1.57mm MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26 07:26:29

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
CHK'D: TKUMARKC 2022/05/24
APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

molex

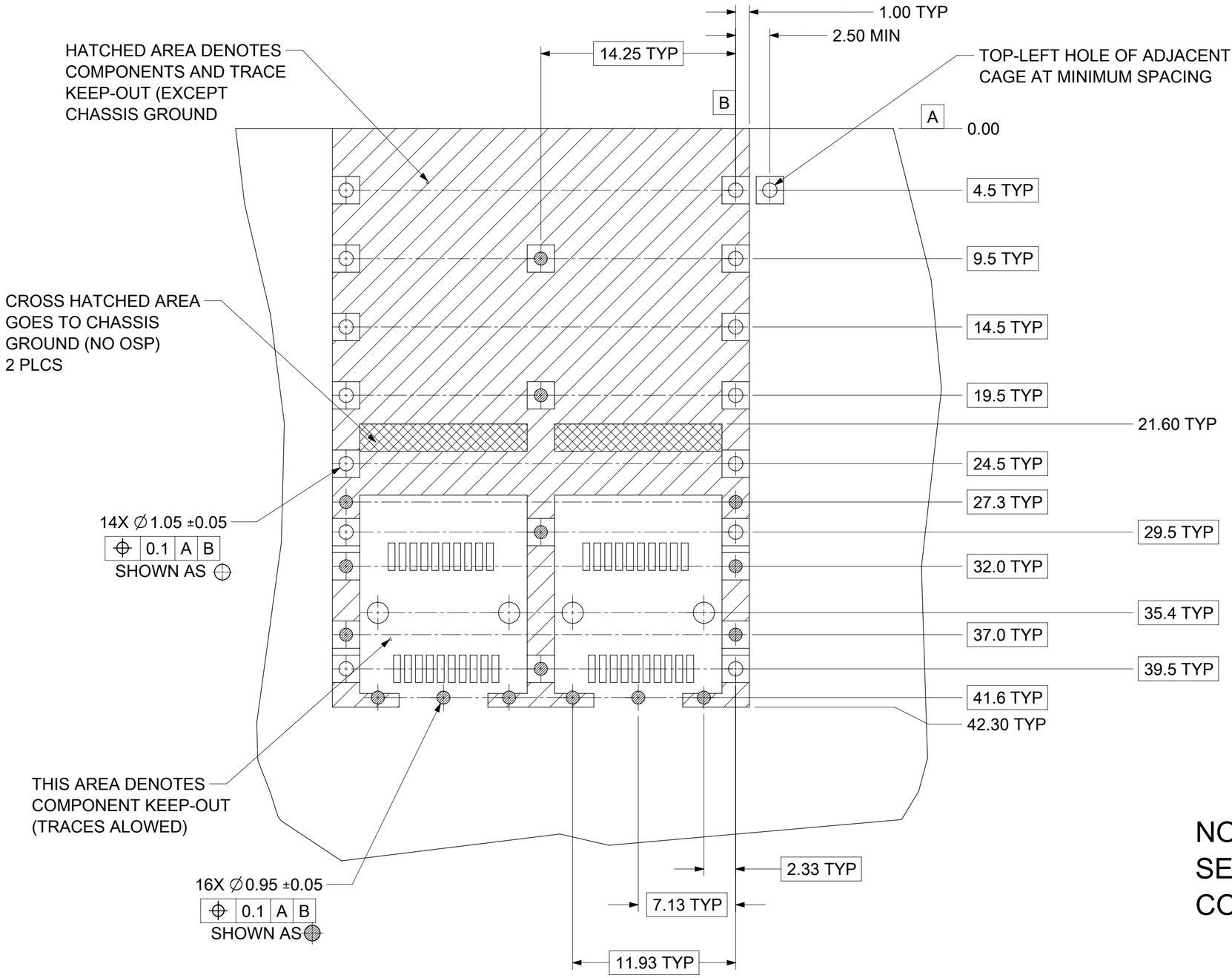
SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1111128820	PSD	ASY	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	111112	SEE SHEET 3		4 OF 7

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTE:
SEE SHEET 4 FOR 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 ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. SPACING BETWEEN PORTS IS 14.25mm
5. 3.00mm [.118 INCH] MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26 07:26:29

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: FA = 0; FC = 0; FD = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
CHK'D: TKUMARKC 2022/05/24
APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 111112

molex

SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

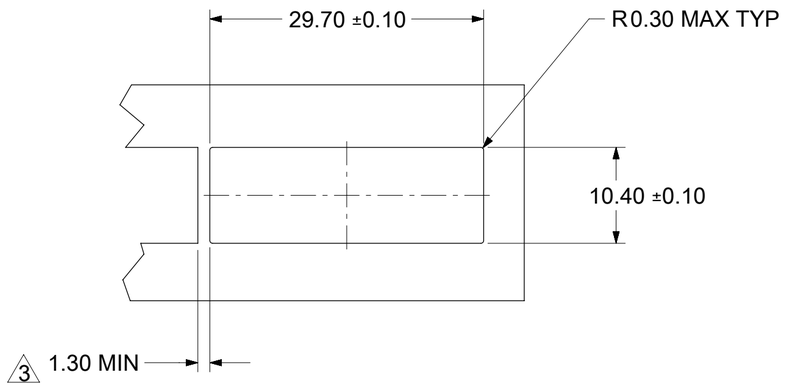
PRODUCT CUSTOMER DRAWING

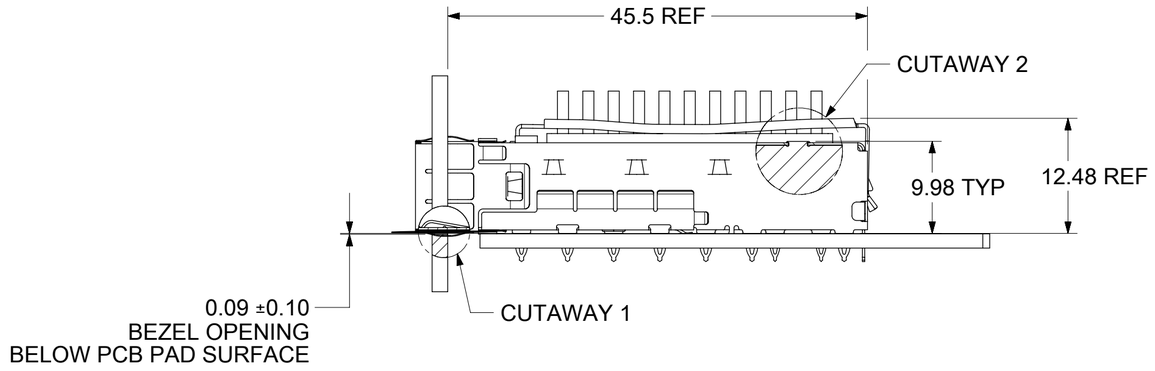
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1111128820	PSD	ASY	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3		5 OF 7

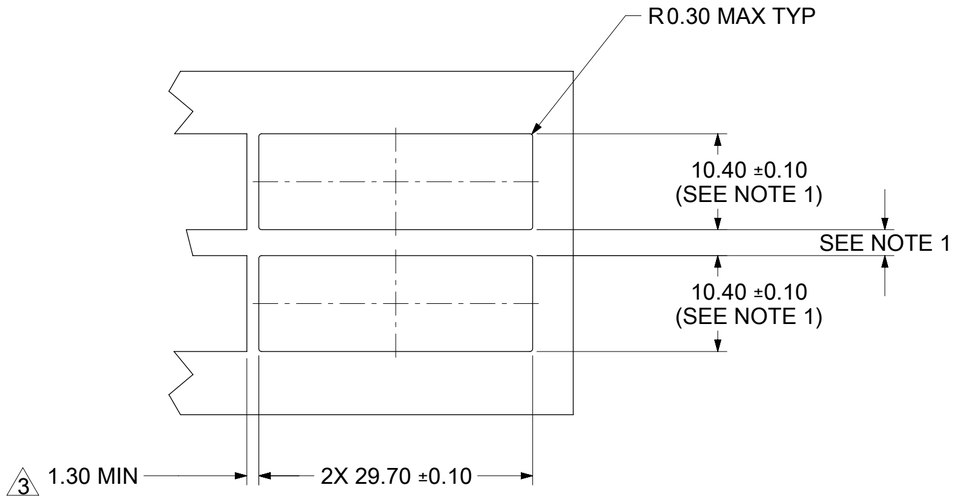
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REVISION: J1
DATE: 2021/05/01

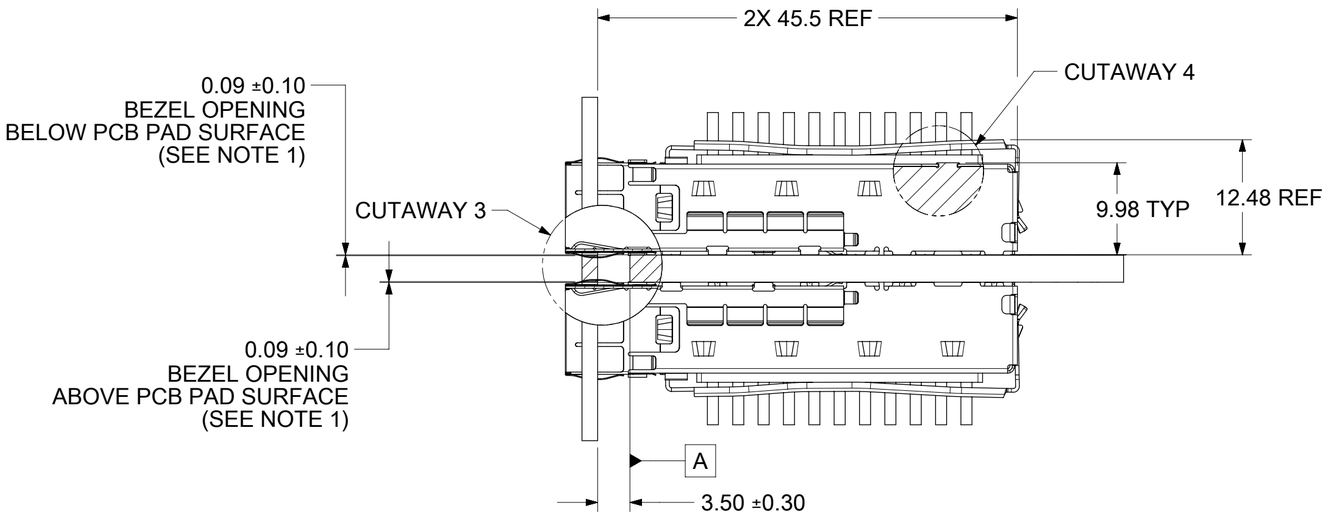
BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING (SPRING FINGER)





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.
2. CAGE LEG STANDOFF WILL PIERCE BELLY GASKET WHEN PROPERLY PRESSED INTO PCB.
3. THIS DIMENSION IS FOR REF ONLY. USER CAN MODIFY IT DEPENDS ON APPLICATION. HOLE OF ADJACENT CAGE ON PCB LAYOUT VARIES ON MODIFICATION.

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26 07:26:29

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FD = 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
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
CHK'D: TKUMARKC 2022/05/24
APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 111112

molex

SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1111128820	PSD	ASY	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3		6 OF 7

FORMAT: master-tb-prod-C
REVISION: 21
DATE: 2021/05/01

REV	DATE	DESCRIPTION
A	2022/05/24	INITIAL RELEASE

J3

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/26 07:26:29								

FORMAT: master-tb-prod-C
REVISION: J1
DATE: 2021/05/01

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 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: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 708025
DRWN: ABHILT2 2022/04/11
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APPR: SCHIEN 2022/05/26

INITIAL REVISION:
DRWN: ABHILT2 2022/04/11
APPR: SCHIEN 2022/05/26

THIRD ANGLE PROJECTION
DRAWING: C-SIZE
SERIES: 111112

molex

SFP+ 1X2 CAGE, 3.05 MM
PRESS FIT, HEAT SINK, EMI SUS SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1111128820	PSD	ASY	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3		7 OF 7