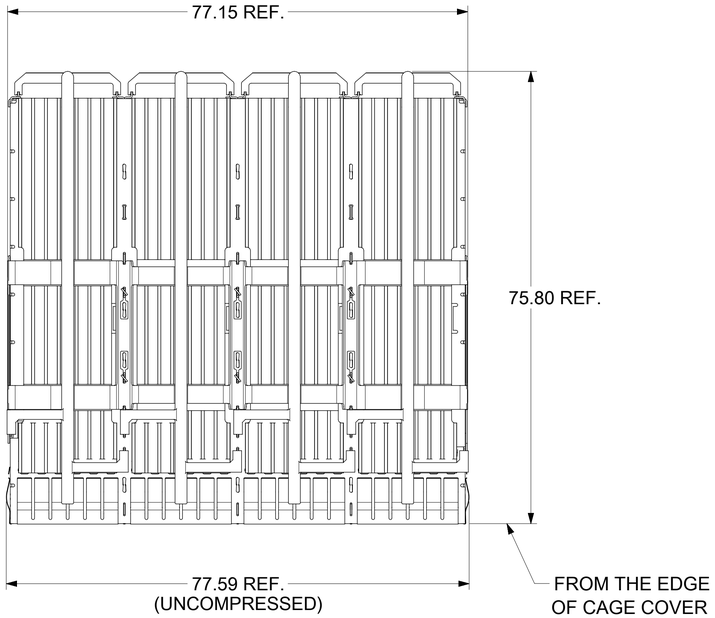
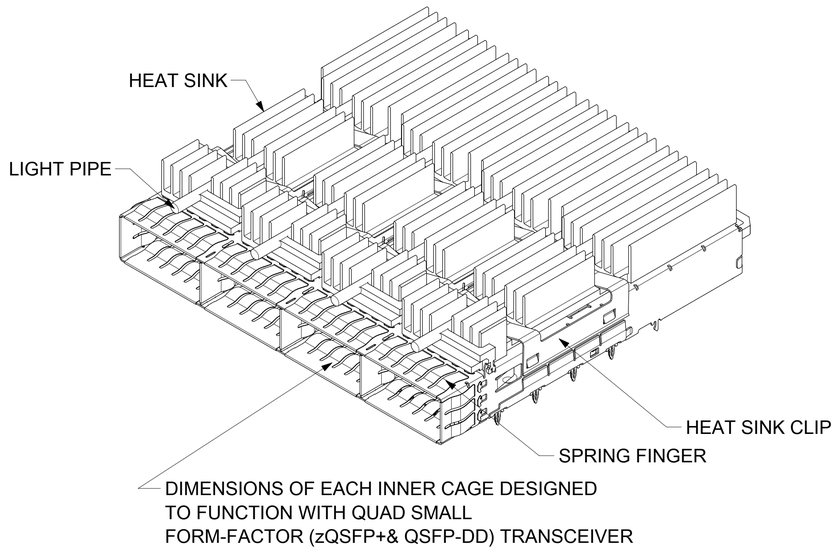
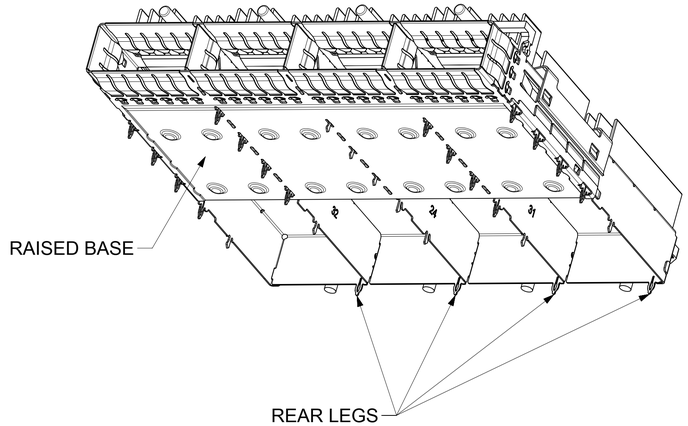
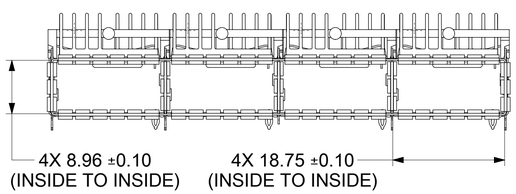
CAGE DETAILS

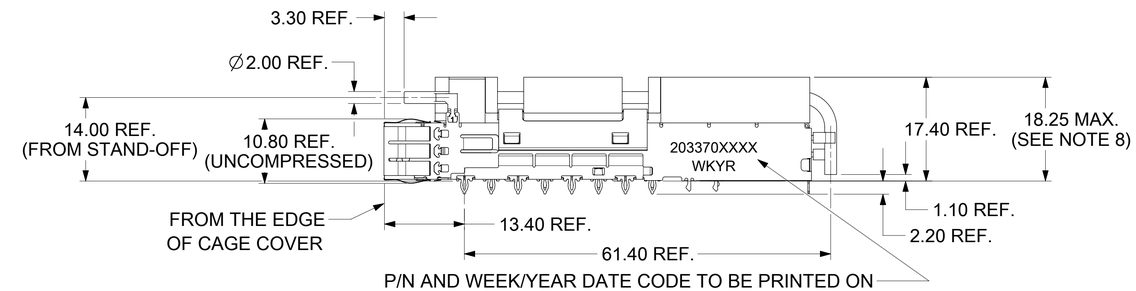
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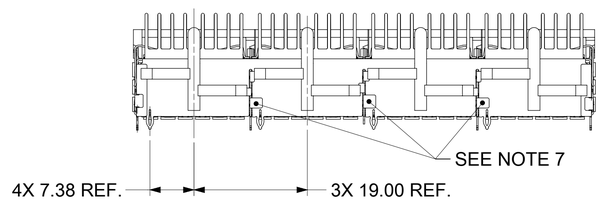












P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON
SIDE OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.
SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 OR 53 (EXAMPLE: 01= FIRST WEEK OF YEAR, 52 OR 53 = LAST WEEK OF YEAR)
YR	21, 22, 23 ETC.. (EXAMPLE: YEAR 2021= 21)

NOTES:
1. MATERIAL : CAGE : STAINLESS STEEL
   SPRING FINGER : STAINLESS STEEL
   HEAT SINKS : ALUMINUM(NICKEL PLATED)
   HEAT SINK CLIP : STAINLESS STEEL
   LIGHT PIPES : POLYCARBONATE, UL94 V-0, TRANSPARENCY
2. DURING FINAL INSPECTION, CAGE LEG LOCATIONS AND STRAIGHTNESS MUST BE CHECKED BY USING APPROPRIATE GO - NO GO GAGE.
3. DURING FINAL INSPECTION, CAGE MUST BE INSPECTED TO MAKE SURE LEG CONFIGURATIONS AND PART NUMBERS IS CORRECT.
4. PARTS TO BE INSPECTED PER MOLEX COSMETIC SPEC ES-171233-0001 (CLASS B UNLESS OTHERWISE SPECIFIED).
5. PRESS-FIT LEGS 2.20mm LONG -
   1.57mm MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.
   2.70mm MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
6. NO RoHS EXEMPTIONS.
7. WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.
8. HEIGHT OF HEAT SINK WITH MODULE INSERTED, DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS.

MOLEX PART NUMBER	SHEET NUMBER
2033701927	1
2033701928	2

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 04:46:13

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DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	2.0 °
4 PLACES	±	
3 PLACES	±	0.13
2 PLACES	±	0.15
1 PLACE	±	0.3
0 PLACES	±	0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 658085
DRWN: JYEN01 2021/03/10
CHK'D: THSU02 2021/03/16
APPR: JCHIANG 2021/03/16

INITIAL REVISION:
DRWN: JYEN01 2021/03/10
APPR: JCHIANG 2021/03/16

molex

QSFP-DD 1X4 CAGE ASSEMBLY, W/ H/S & 1LP

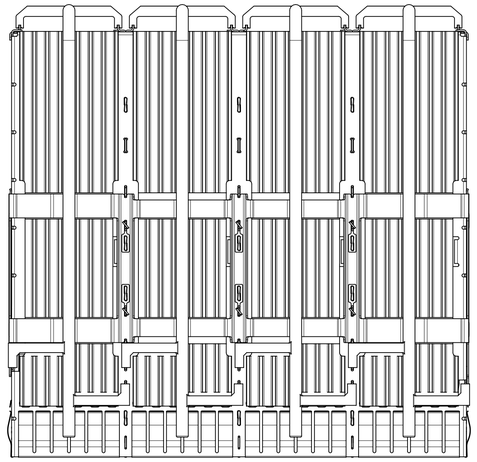
PRODUCT CUSTOMER DRAWING

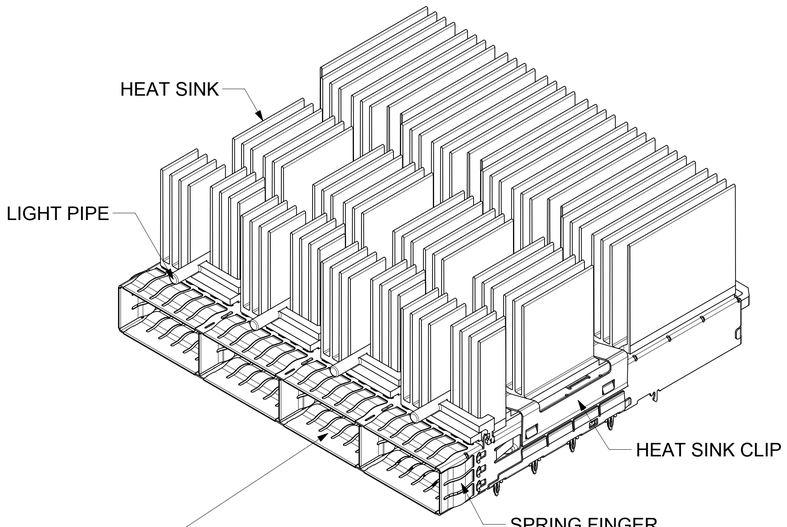
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033701927	PSD	ASY	A

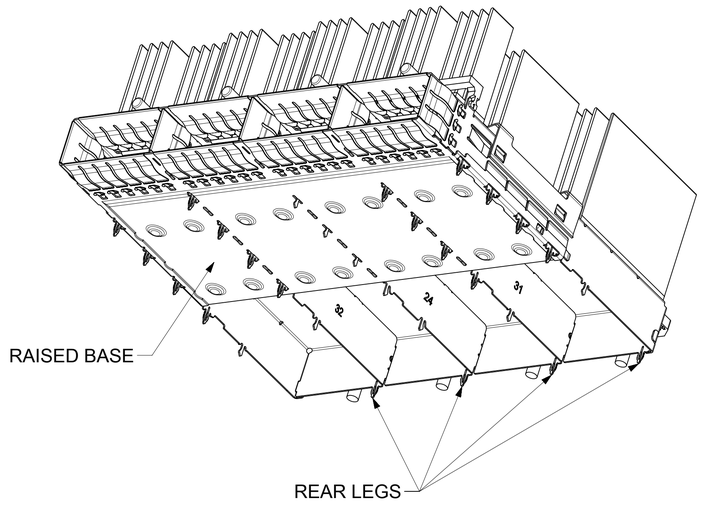
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203370	SEE P/N TABLE		1 OF 6

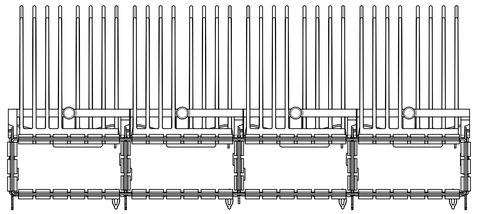
CAGE DETAILS

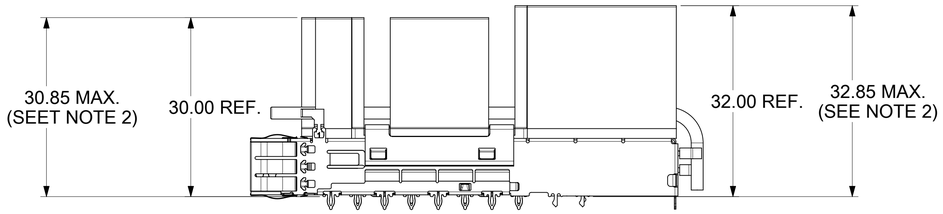
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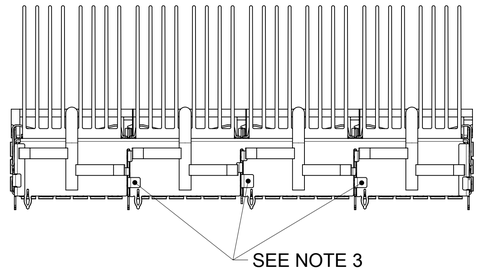












NOTES:
1. REFER SHEET 1 FOR COMMON DIMENSIONS.
2. HEIGHT OF HEAT SINK WITH MODULE INSERTED,
   DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS.
3. WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.

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	±	2.0 °
4 PLACES	±	
3 PLACES	±	0.13
2 PLACES	±	0.15
1 PLACE	±	0.3
0 PLACES	±	0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 658085
DRWN: JYEN01 2021/03/10
CHK'D: THSU02 2021/03/16
APPR: JCHIANG 2021/03/16

INITIAL REVISION:
DRWN: JYEN01 2021/03/10
APPR: JCHIANG 2021/03/16

molex

QSFP-DD 1X4 CAGE ASSEMBLY, W/ H/S & 1LP

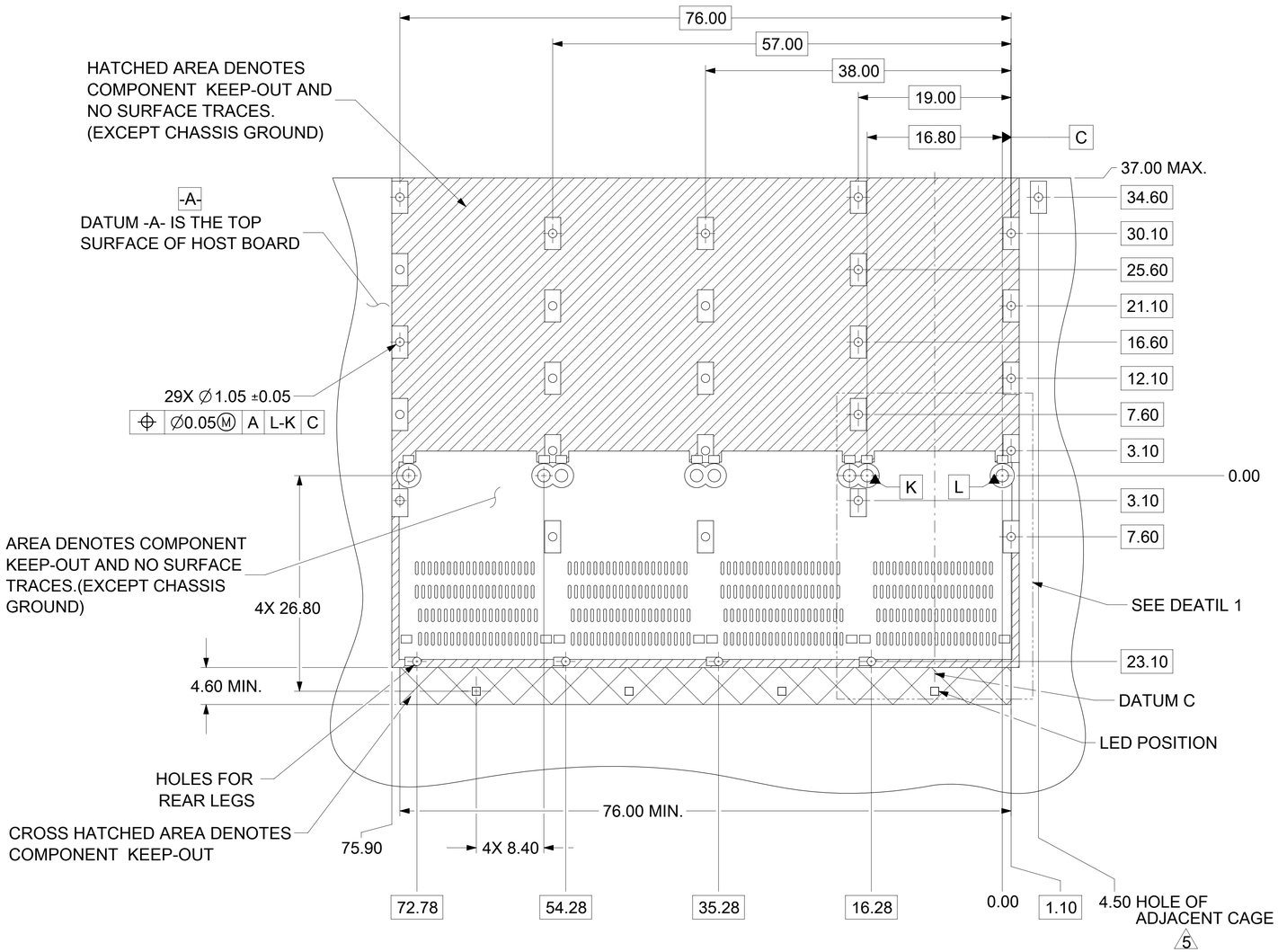
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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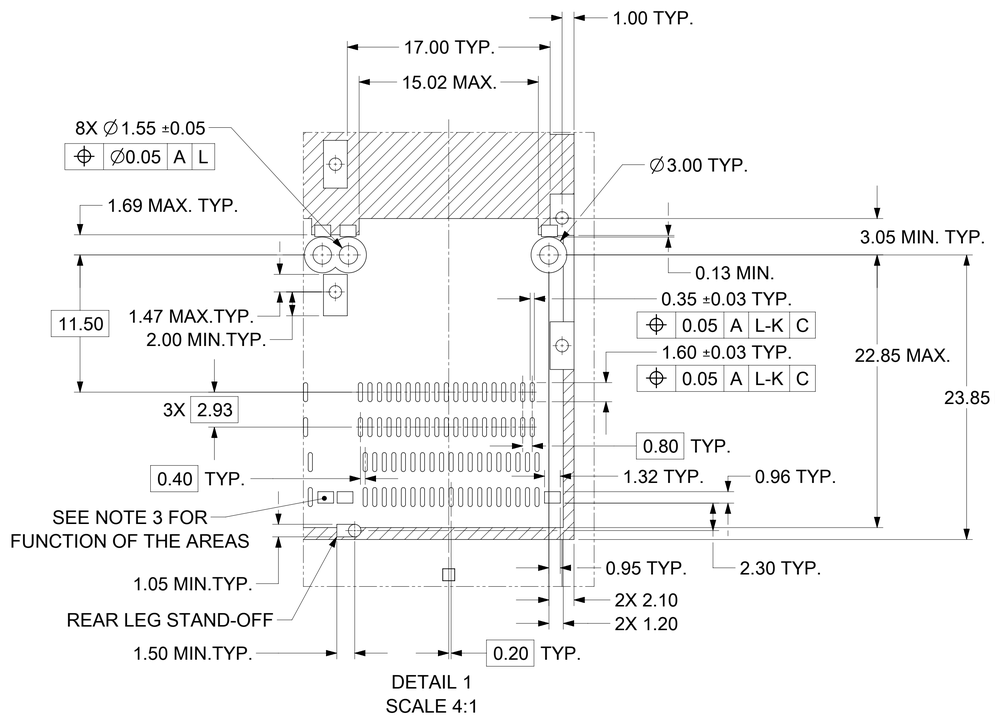
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203370	SEE P/N TABLE		2 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 04:46:13

PCB LAYOUT FOR SINGLE SIDED MOUNTING



HOST CONNECTOR DETAIL



DETAIL 1
SCALE 4:1

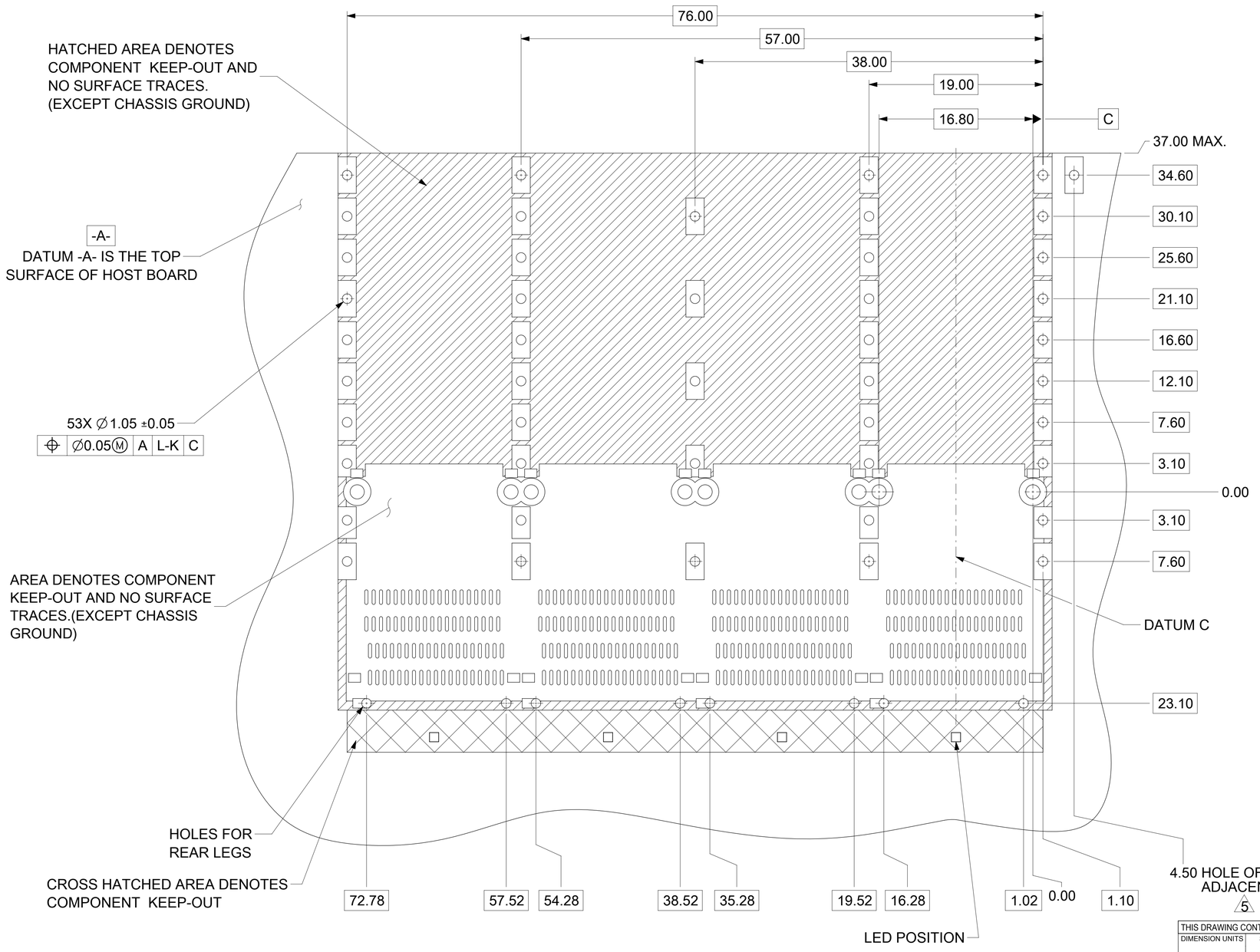
NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm X 4.00mm RETANGLE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER QSFP-DD MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 202718.
4. RECOMMENDED LED TYPE: 0402
5. THIS DIMENSION IS FOR REFERENCE ONLY, USER CAN MODIFY IT DEPENDS ON APPLICATION.

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 04:46:13

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DIMENSION UNITS: mm	SCALE: 2:1	CURRENT REV DESC: SEE REVISION TABLE	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			QSFP-DD 1X4 CAGE ASSEMBLY, W/ H/S & 1LP
ANGULAR TOL ± 2.0 °		EC NO: 658085	
4 PLACES ±		DRWN: JYEN01 2021/03/10	PRODUCT CUSTOMER DRAWING
3 PLACES ± 0.13		CHK'D: THSU02 2021/03/16	
2 PLACES ± 0.15		APPR: JCHIANG 2021/03/16	
1 PLACE ± 0.3		INITIAL REVISION:	DOCUMENT NUMBER: 2033701927 / DOC TYPE: PSD / DOC PART: ASY / REVISION: A
0 PLACES ± 0.3		DRWN: JYEN01 2021/03/10	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	APPR: JCHIANG 2021/03/16	
	DRAWING: D-SIZE	SERIES: 203370	MATERIAL NUMBER: SEE P/N TABLE / CUSTOMER / SHEET NUMBER: 3 OF 6

PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTE:
SEE SHEET 3 FOR
HOST CONNECTOR DETAIL
AND LED LOCATION

NOTES:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED PADS TO BE 2.00mm X 4.00mm RETANGLE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER QSFP-DD MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 202718.
4. RECOMMENDED LED TYPE: 0402
5. THIS DIMENSION IS FOR REFERENCE ONLY, USER CAN MODIFY IT DEPENDS ON APPLICATION.

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 04:46:13

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

DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	2.0 °
4 PLACES	±	
3 PLACES	±	0.13
2 PLACES	±	0.15
1 PLACE	±	0.3
0 PLACES	±	0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 658085
DRWN: JYEN01 2021/03/10
CHK'D: THSU02 2021/03/16
APPR: JCHIANG 2021/03/16

INITIAL REVISION:
DRWN: JYEN01 2021/03/10
APPR: JCHIANG 2021/03/16

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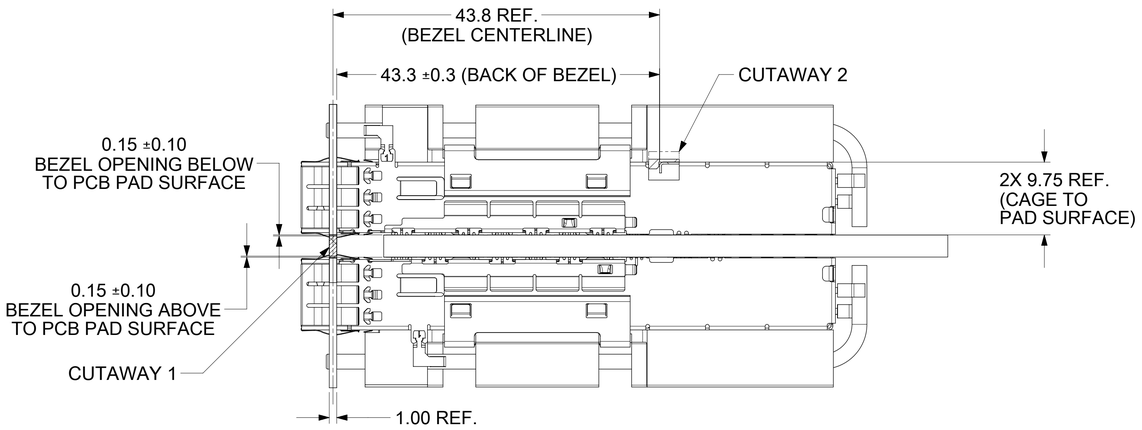
QSFP-DD 1X4 CAGE ASSEMBLY, W/ H/S & 1LP

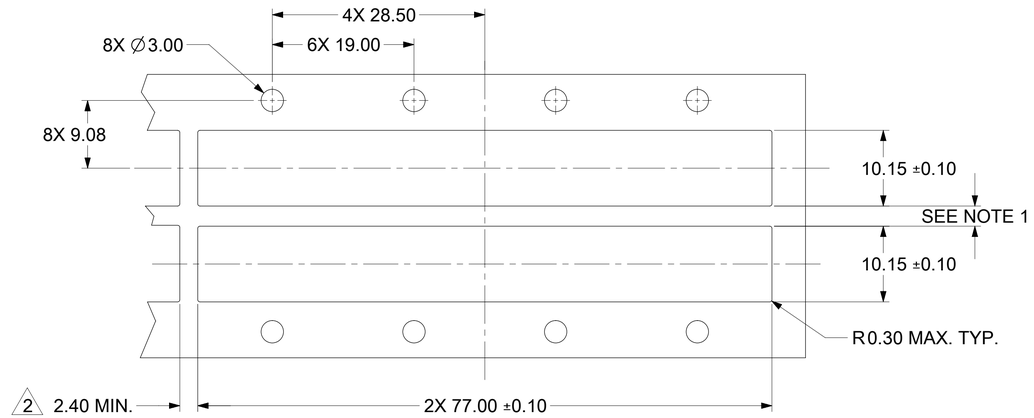
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033701927	PSD	ASY	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203370	SEE P/N TABLE		4 OF 6

BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING

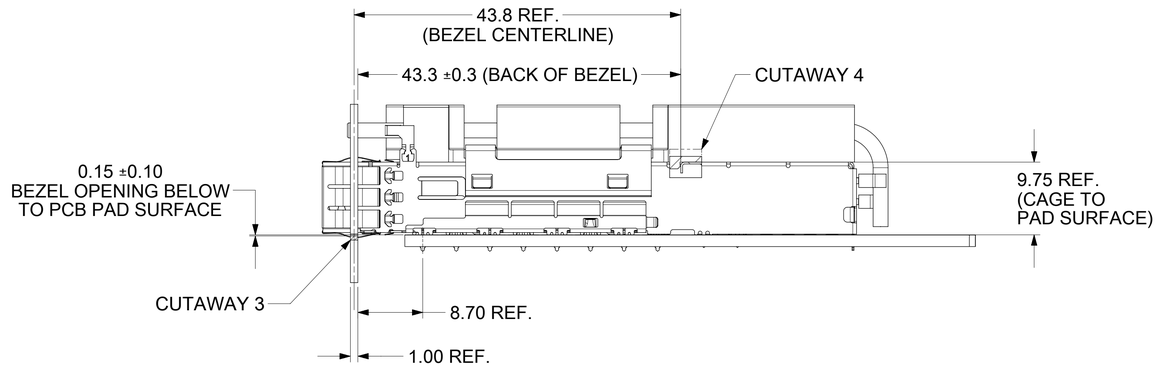


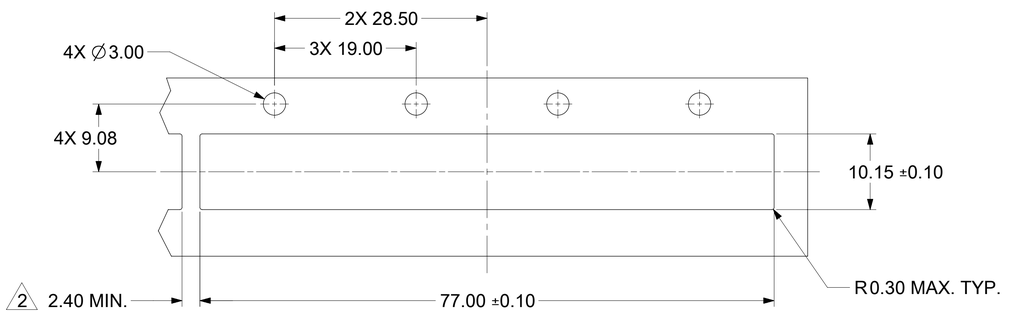


NOTE:
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.
2. THIS DIMENSION IS FOR REFERENCE ONLY, USER CAN MODIFY IT DEPENDS ON APPLICATION. (THIS DIMENSION VARIES BASED ON DISTANCE OF "HOLE OF ADJACENT CAGE" ON PCB LAYOUT.

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 04:46:13

BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING





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DIMENSION UNITS	SCALE
mm	2.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	2.0 °
4 PLACES	±	
3 PLACES	±	0.13
2 PLACES	±	0.15
1 PLACE	±	0.3
0 PLACES	±	0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 658085
DRWN: JYEN01 2021/03/10
CHK'D: THSU02 2021/03/16
APPR: JCHIANG 2021/03/16

INITIAL REVISION:
DRWN: JYEN01 2021/03/10
APPR: JCHIANG 2021/03/16

molex

QSFP-DD 1X4 CAGE ASSEMBLY, W/ H/S & 1LP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033701927	PSD	ASY	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203370	SEE P/N TABLE		5 OF 6

REV	DATE	DESCRIPTION
A	2021/03/10	INITIAL RELEASE

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	2.0 °
4 PLACES	±	
3 PLACES	±	0.13
2 PLACES	±	0.15
1 PLACE	±	0.3
0 PLACES	±	0.3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

EC NO: 658085

DRWN:	JYEN01	2021/03/10
CHK'D:	THSU02	2021/03/16
APPR:	JCHIANG	2021/03/16

INITIAL REVISION:

DRWN:	JYEN01	2021/03/10
APPR:	JCHIANG	2021/03/16

molex

QSFP-DD 1X4 CAGE ASSEMBLY, W/ H/S & 1LP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2033701927	PSD	ASY	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	203370	SEE P/N TABLE		6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/16 04:46:13