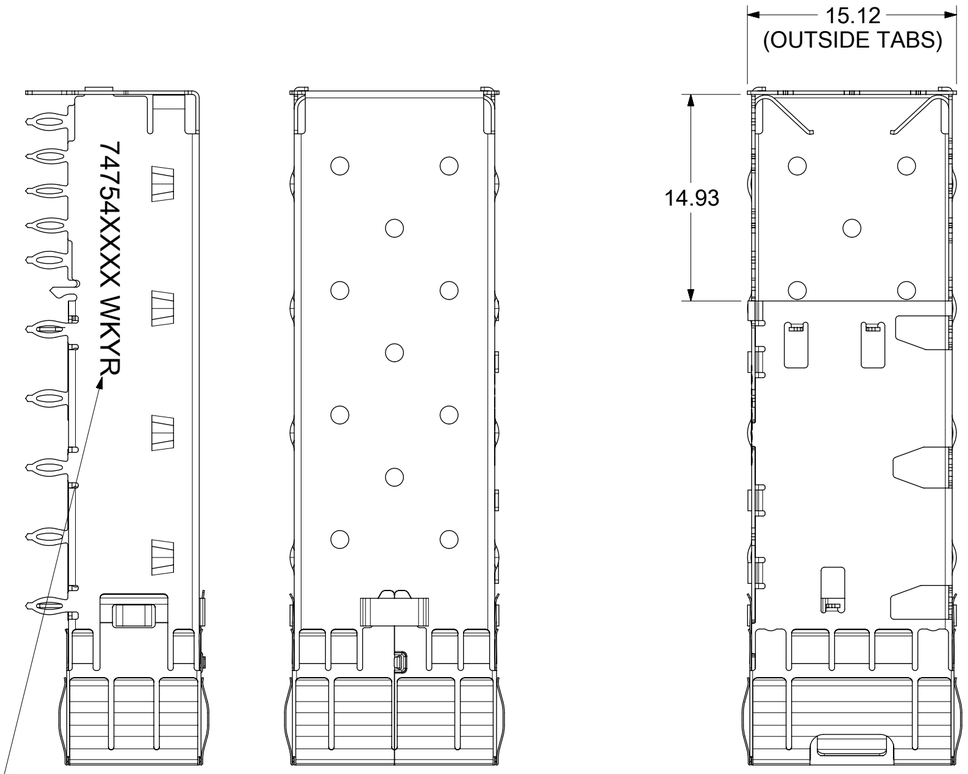
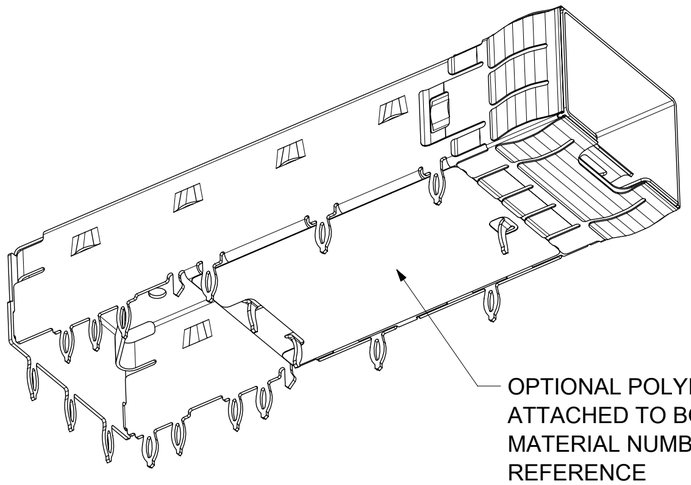
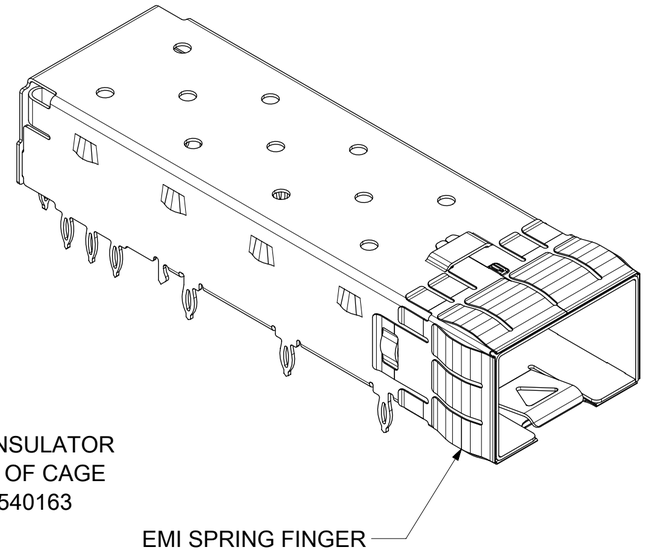
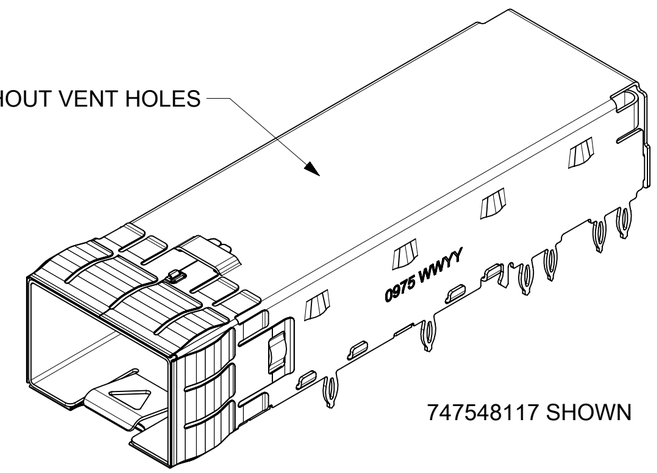




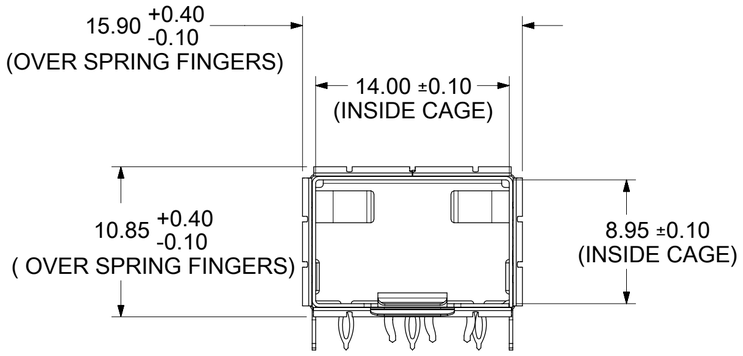


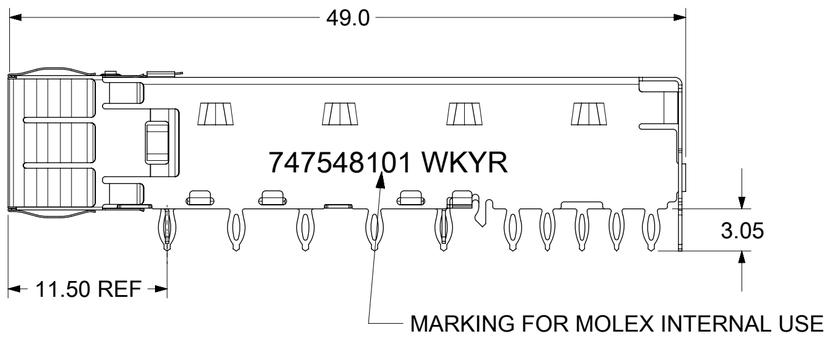
COMPLETED / PARTIAL PART NO. AND WEEK/YEAR DATE
CODE TO BE PRINTED / STAMPED ON THE SIDE OF
COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

WEEK/YEAR DATE CODE TABLE	
WK	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YR	LAST TWO DIGITS OF THE YEAR, 23, 24, 25 ETC. EXAMPLE: YEAR 2023 = 23



747548117 SHOWN





SFP+ 1X1 CAGE			
PART NO.	WELD POINT QUANTITY	PACKAGING	PLATING
747548101	0	TRAY	NICKEL
747548108	6	TRAY	NICKEL
747548109	0	TAPE & REEL	NICKEL
747548117	0	TRAY	NICKEL

NOTES:

1. MATERIAL:
   CAGE: COPPER ALLOY, THICKNESS 0.25mm, PLATING REFER TO TABLE.
   SPRING FINGER: STAINLESS STEEL
2. PRESS FIT LEGS 3.05 LONG -
   1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE
3. OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE
4. PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE BACKWARDS
   COMPATIBLE WITH SFP TRANCEIVERS
5. NO RoHS EXEMPTIONS
6. COMPLY WITH THE THRESHOLD OF SUBSTANCES WHICH ARE SPECIFIED IN OQA-2049

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:54:47

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DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 761496
DRWN: DKUMARG 2023/08/31
CHK'D: AMRUTH 2023/09/01
APPR: SCHIEN 2023/09/15

INITIAL REVISION:
DRWN: CHETHH2 2022/05/16
APPR: SCHIEN 2022/05/19

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE,
WITH SUS EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

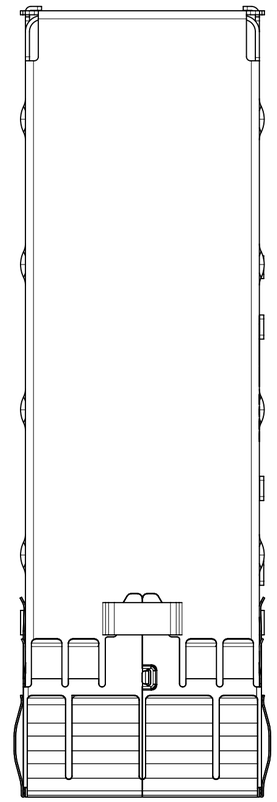
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	74754	SEE P/N TABLE		1 OF 6

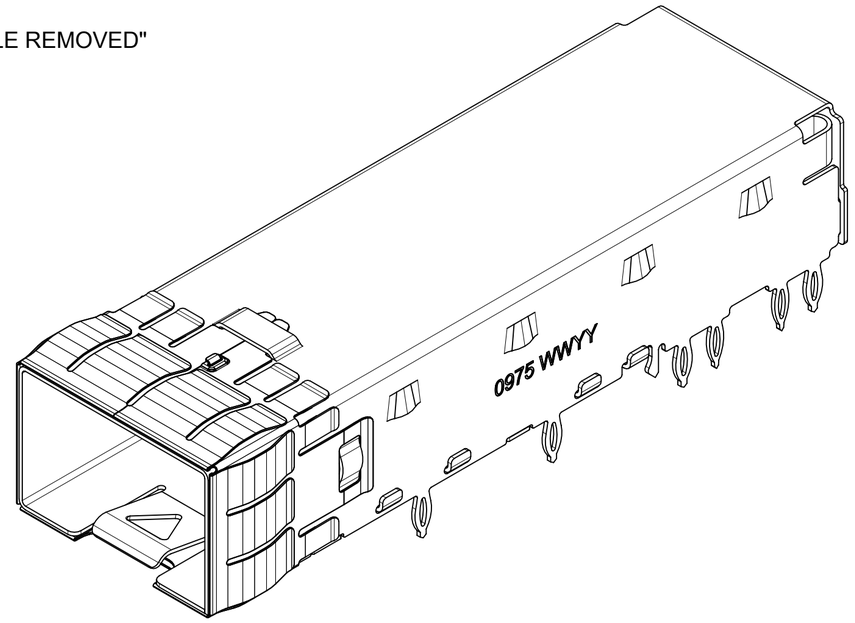
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747548101	PSD	ASY	C1

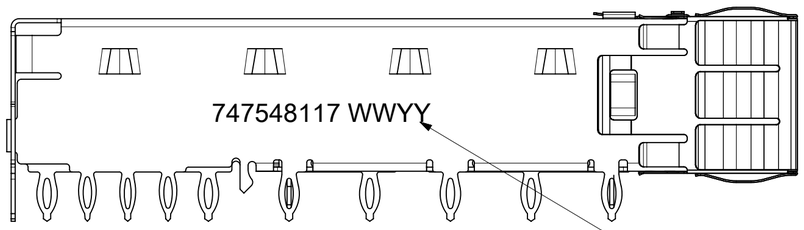
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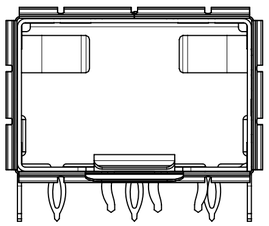
747548117 SHOWN

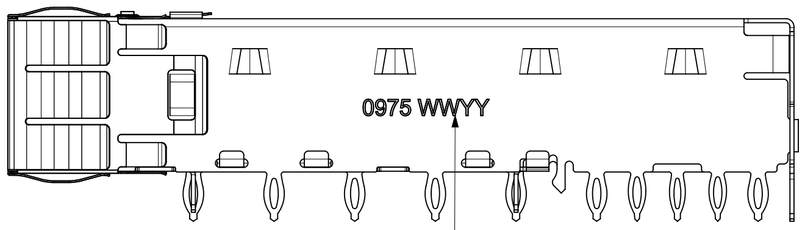
THIS ASSEMBLY IS SAME AS 747548101 EXCEPT "TOP VENT HOLE REMOVED"











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	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YR	LAST TWO DIGITS OF THE YEAR, 23, 24, 25 ETC. EXAMPLE: YEAR 2023 = 23

NOTE:
1. REFER SHEET 1 FOR COMMON DIMENSIONS AND REQUIREMENTS.

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:54:47

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DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 761496
DRWN: DKUMARG 2023/08/31
CHK'D: AMRUTH 2023/09/01
APPR: SCHIEN 2023/09/15

INITIAL REVISION:
DRWN: CHETHH2 2022/05/16
APPR: SCHIEN 2022/05/19

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, WITH SUS EMI SPRING FINGERS

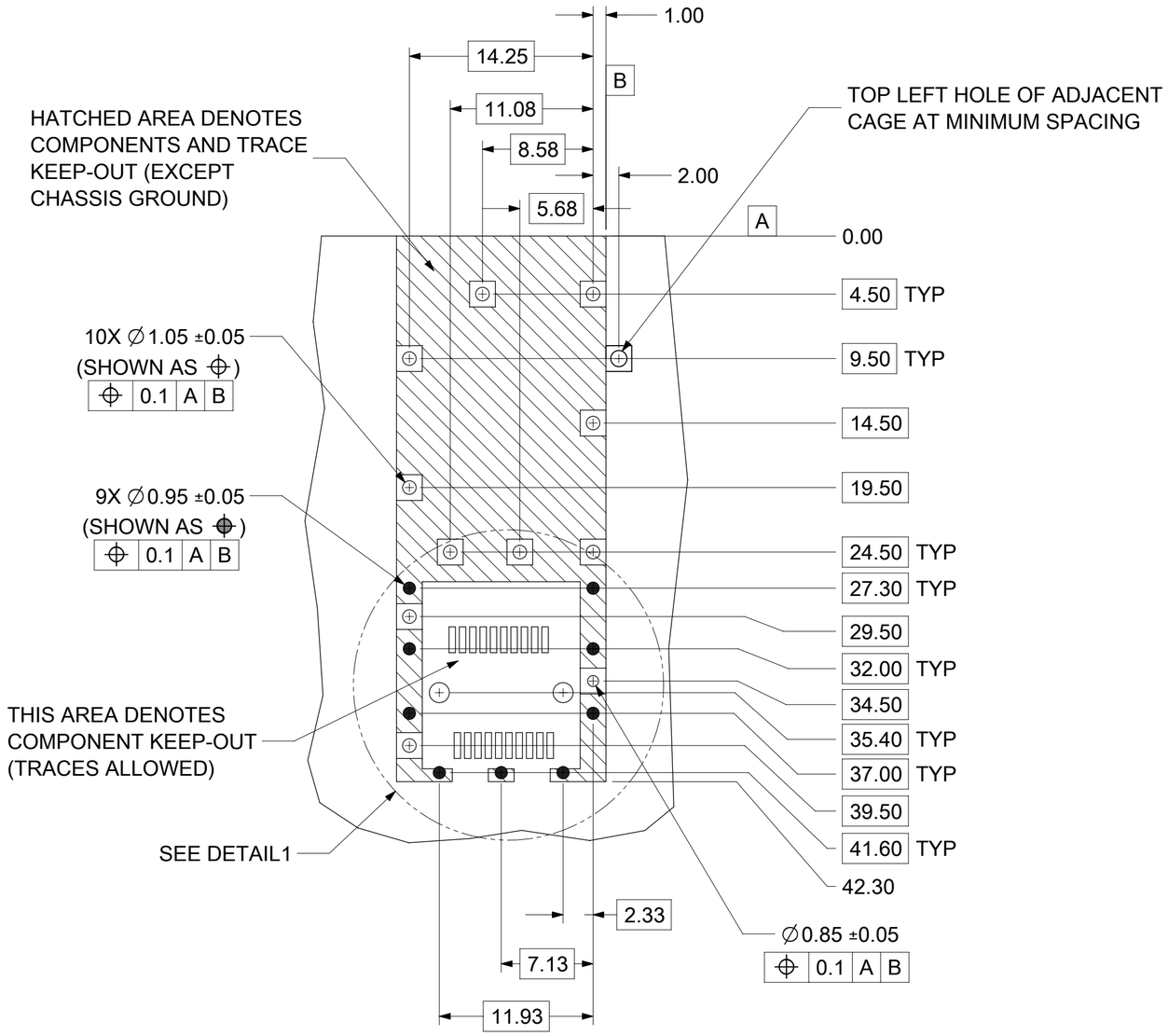
PRODUCT CUSTOMER DRAWING

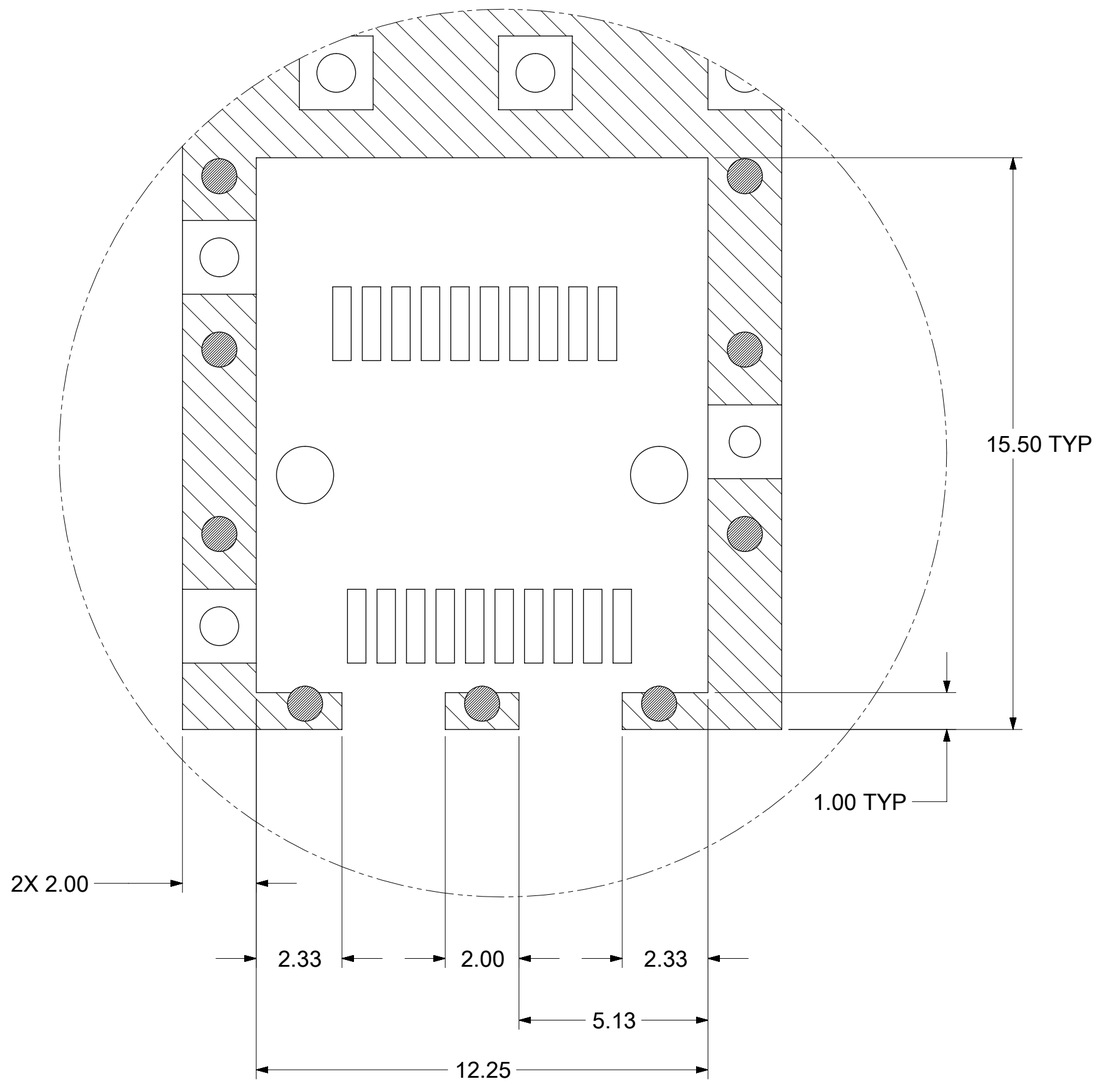
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747548101	PSD	ASY	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	74754	SEE P/N TABLE		2 OF 6

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PCB LAYOUT FOR SINGLE SIDE MOUNT





DETAIL 1
SCALE 8:1
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.

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:54:47

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DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 761496
DRWN: DKUMARG 2023/08/31
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INITIAL REVISION:
DRWN: CHETHH2 2022/05/16
APPR: SCHIEN 2022/05/19

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, WITH SUS EMI SPRING FINGERS

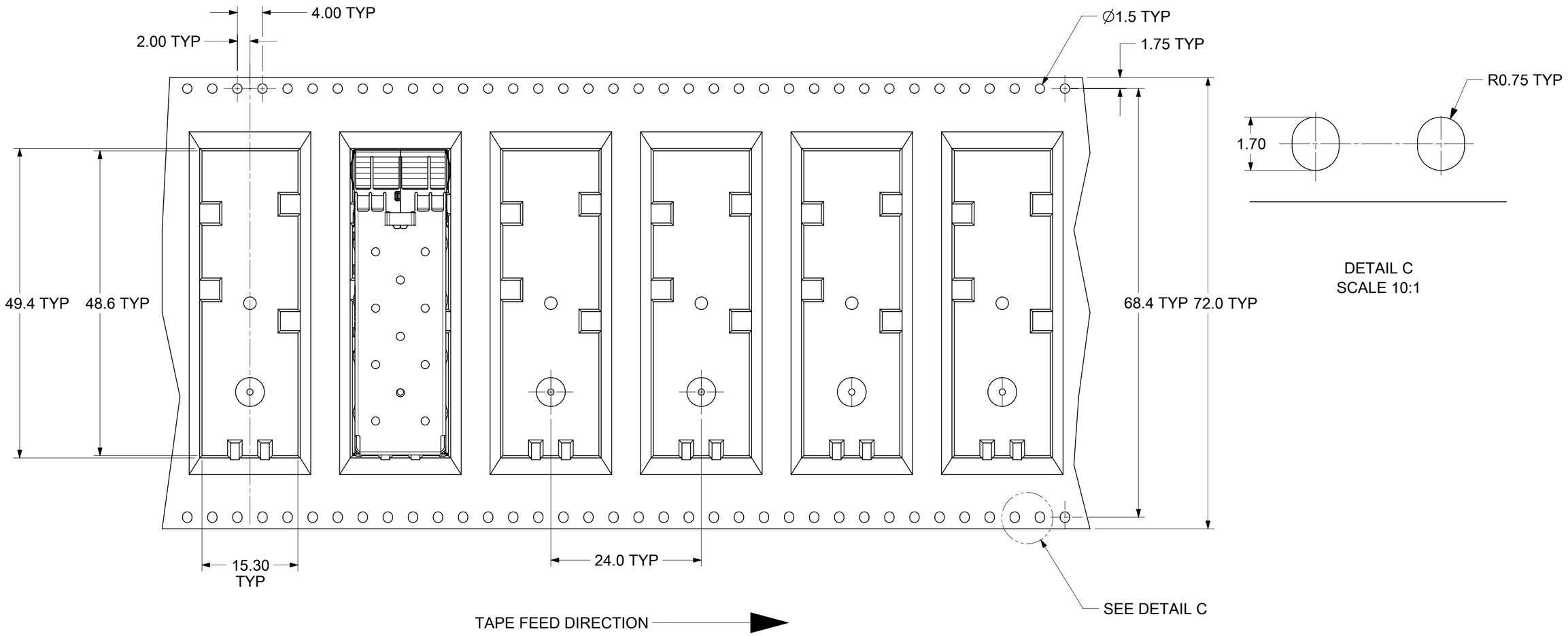
PRODUCT CUSTOMER DRAWING

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	74754	SEE P/N TABLE		3 OF 6

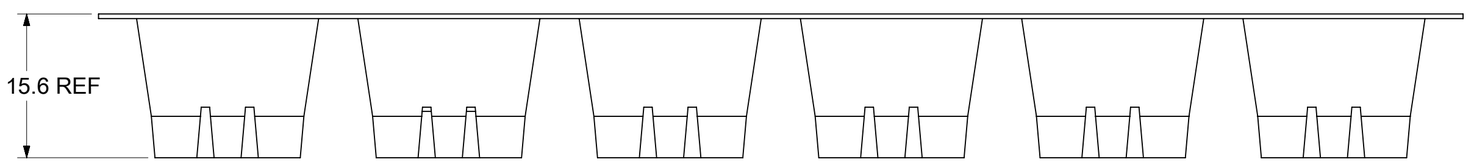
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747548101	PSD	ASY	C1

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APPLIES FOR 747548109



DETAIL C
SCALE 10:1



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DIMENSION UNITS	mm
SCALE	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 761496
DRWN: DKUMARG 2023/08/31
CHK'D: AMRUTH 2023/09/01
APPR: SCHIEN 2023/09/15

INITIAL REVISION:
DRWN: CHETHH2 2022/05/16
APPR: SCHIEN 2022/05/19

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, WITH SUS EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

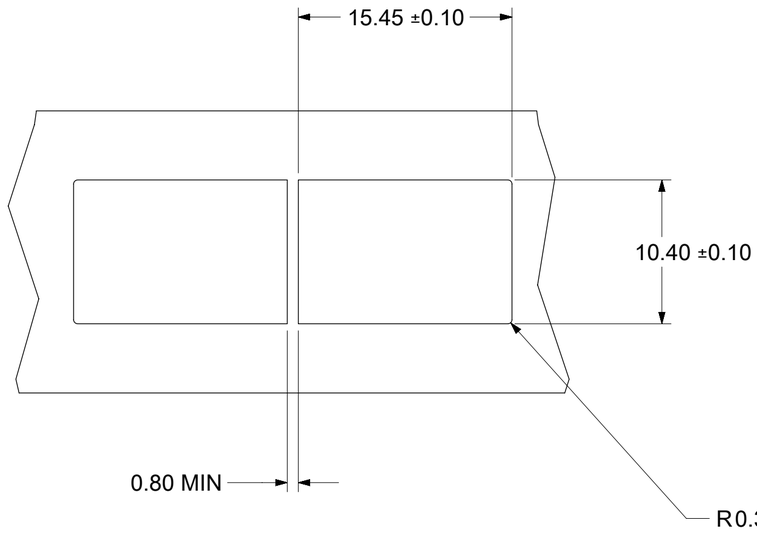
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747548101	PSD	ASY	C1

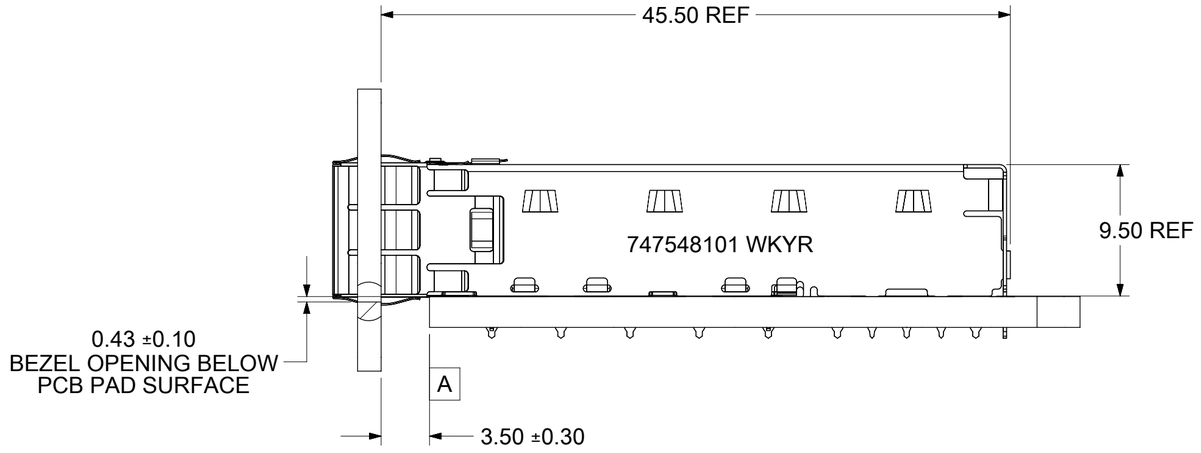
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	74754	SEE P/N TABLE		4 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:54:47

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





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DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 761496
DRWN: DKUMARG 2023/08/31
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APPR: SCHIEN 2023/09/15

INITIAL REVISION:
DRWN: CHETHH2 2022/05/16
APPR: SCHIEN 2022/05/19

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, WITH SUS EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747548101	PSD	ASY	C1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	74754	SEE P/N TABLE		5 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:54:47

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REV	DATE	DESCRIPTION
A	2022/05/16	INITIAL RELEASE
B	2022/05/31	SHEET 1: ADDED NEW PART NUMBER 747548109 TO P/N TABLE. SHEET 3: ADDED A SHEET TO SHOW TAPE AND REEL PACKAGING.
C	2023/08/08	SHEET 01 : E11 : DATE CODE DETAILS UPDATED. A12 : ADDED NOTE COMPLY WITH THE THRESHOLD OF SUBSTANCES WHICH ARE SPECIFIED IN OQA-2049 D12 & C12 : ADDED TOLERANCE +0.40/-0.10 TO DIMENISON 10.85 AND 15.90. SHEET 02 : ADDED SHEET TO SHOW THE P/N 747548117 DETAIL & DATE CODE INFORMATION.
C1	2023/08/31	SHEET 02 : COVER DATE CODE LOCATION CHANGED FROM LEFT SIDE TO RIGHT SIDE.

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DIMENSION UNITS	SCALE
mm	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 761496

DRWN:	DKUMARG	2023/08/31
CHK'D:	AMRUTH	2023/09/01
APPR:	SCHIEN	2023/09/15

INITIAL REVISION:

DRWN:	CHETHH2	2022/05/16
APPR:	SCHIEN	2022/05/19

THIRD ANGLE PROJECTION

DRAWING: C-SIZE

SERIES: 74754

molex

SFP+ 1X1 CAGE ASSY PRESS FIT TYPE, WITH SUS EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747548101	PSD	ASY	C1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE P/N TABLE		6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2023/09/15 07:54:47

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