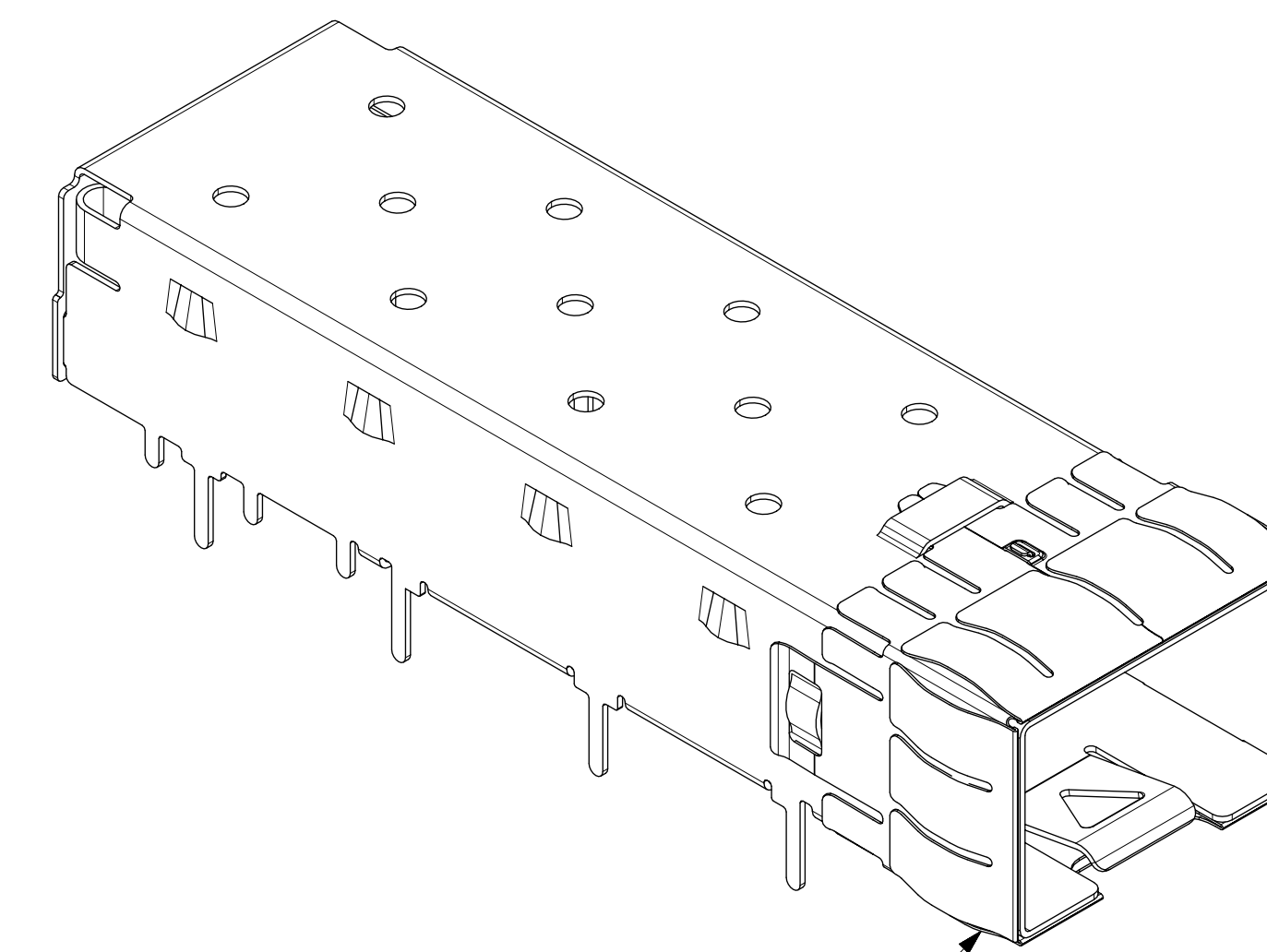
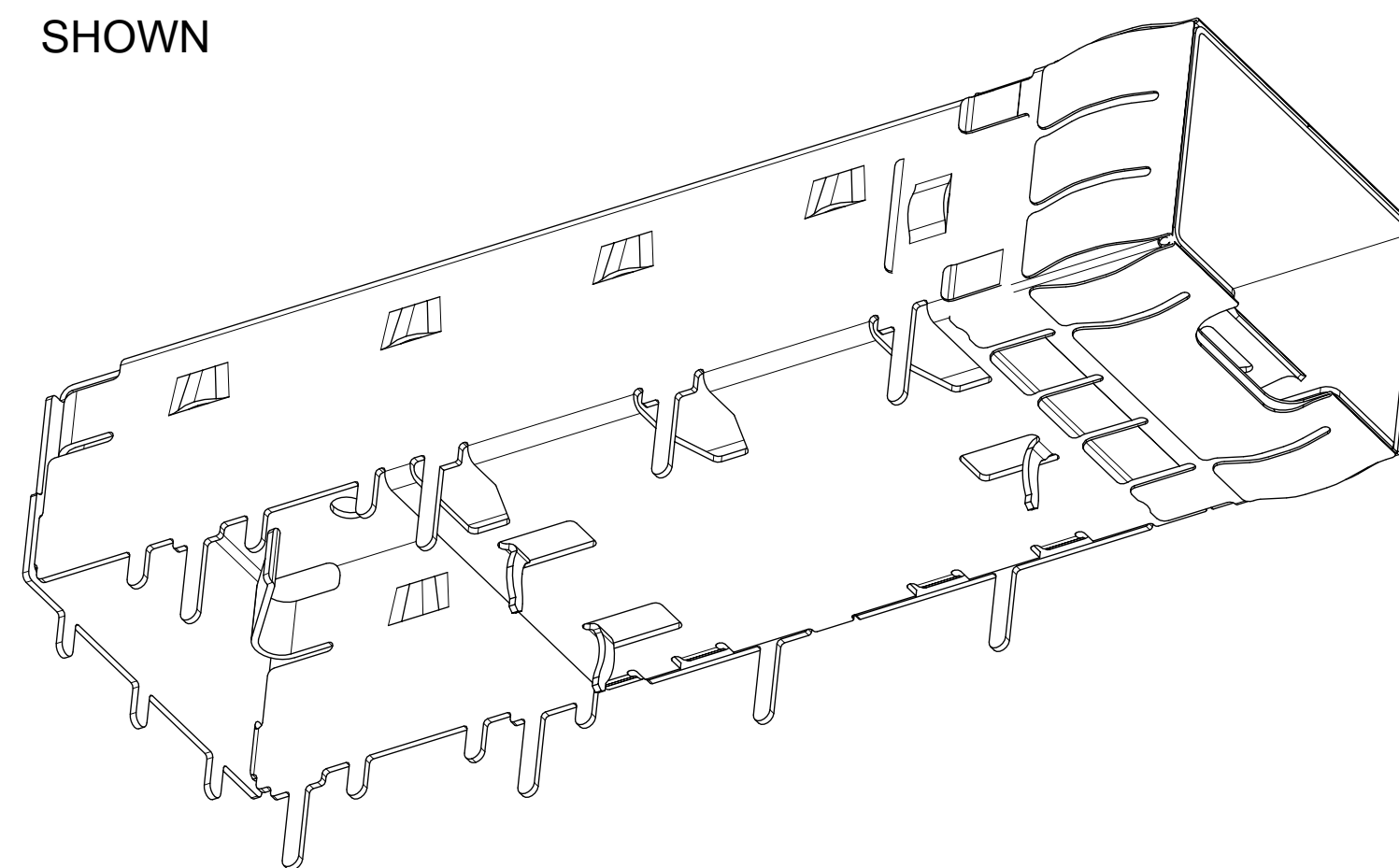
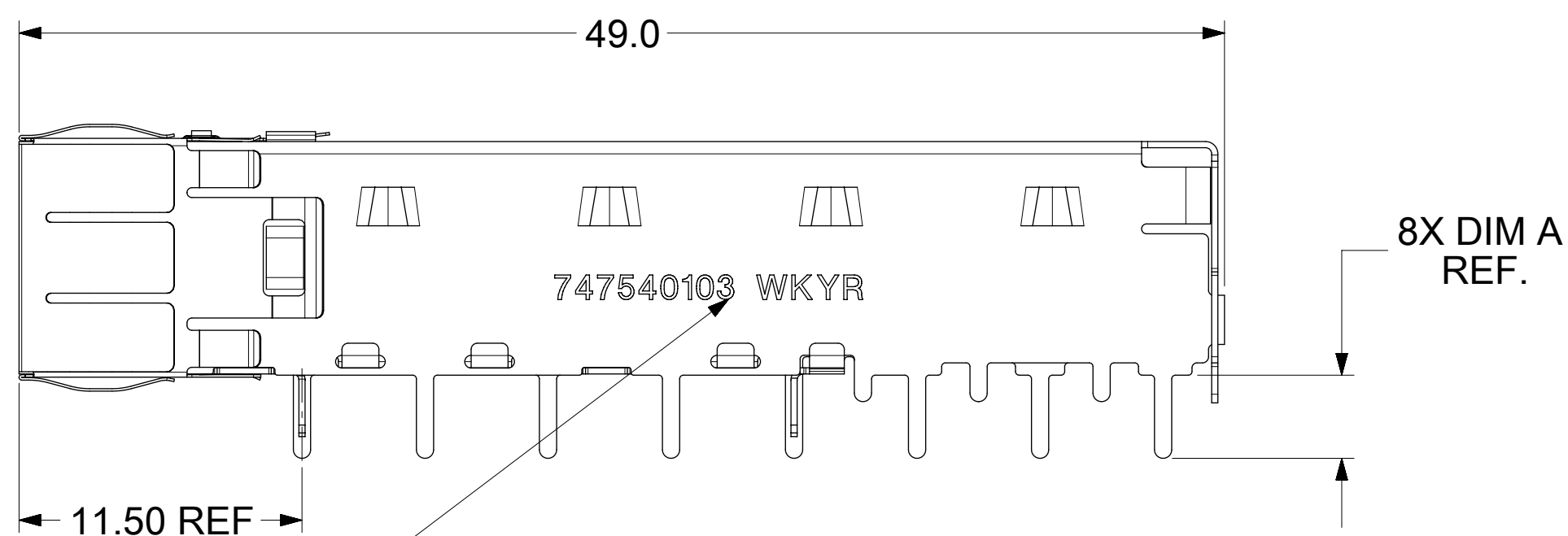
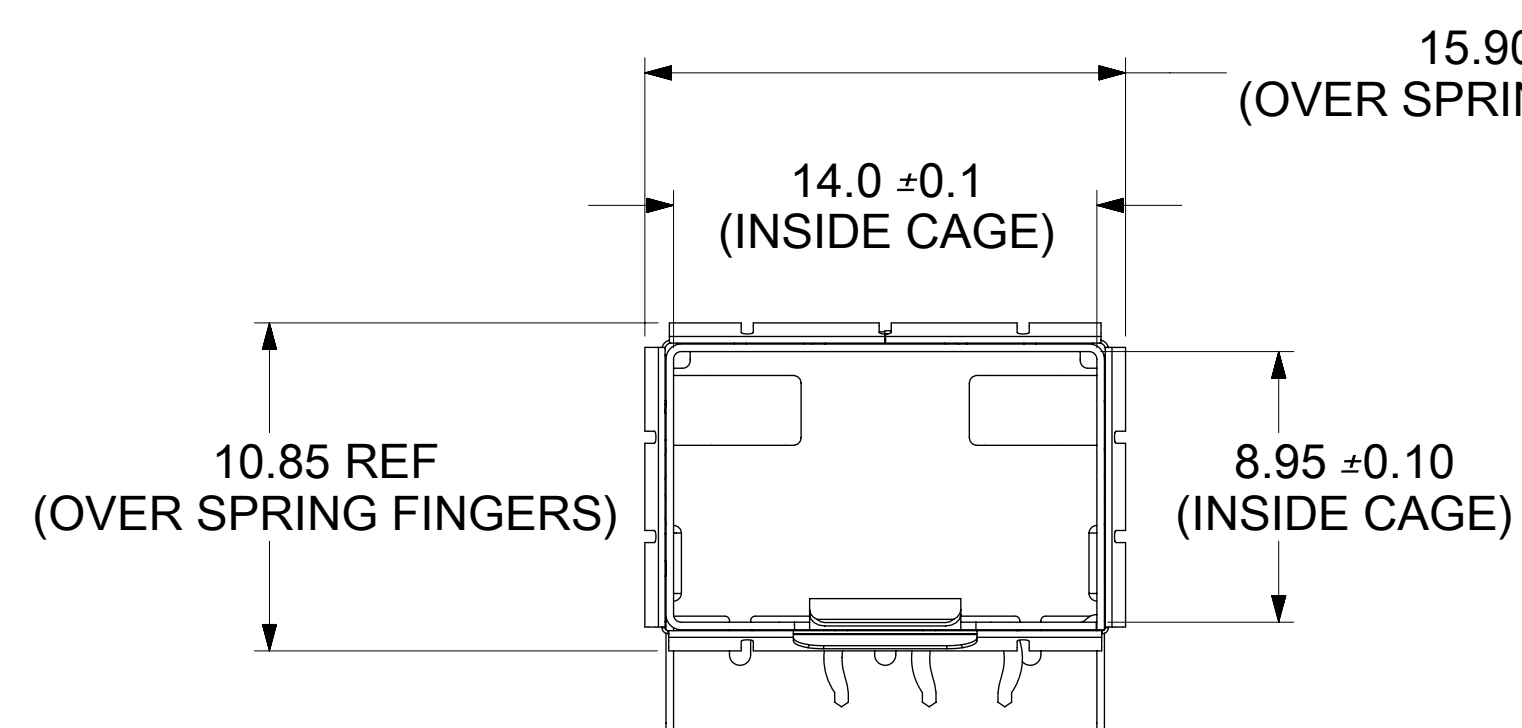


747540103

SHOWN



EMI SPRING



P/N AND WEEK/YEAR DATE CODE TO BE PRINTED / STAMPED ON THE SIDE OF COMPLETED CAGE ASSEMBLY AS SHOWN.

SEE TABLE BELOW FOR DATE CODE INFORMATION.

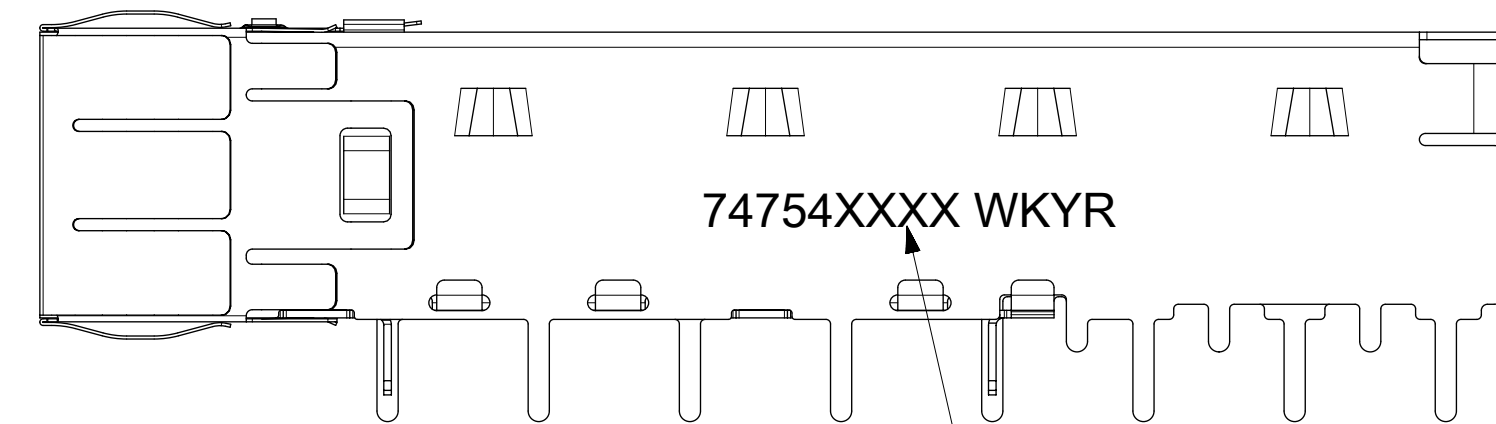
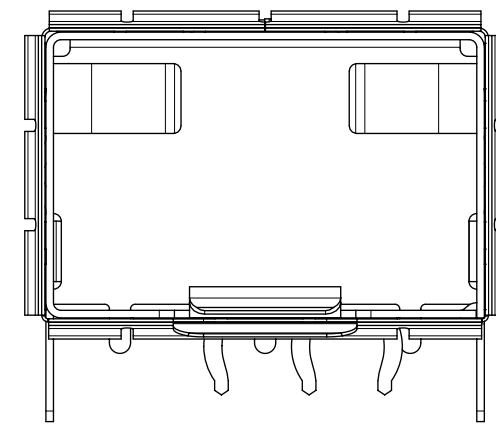
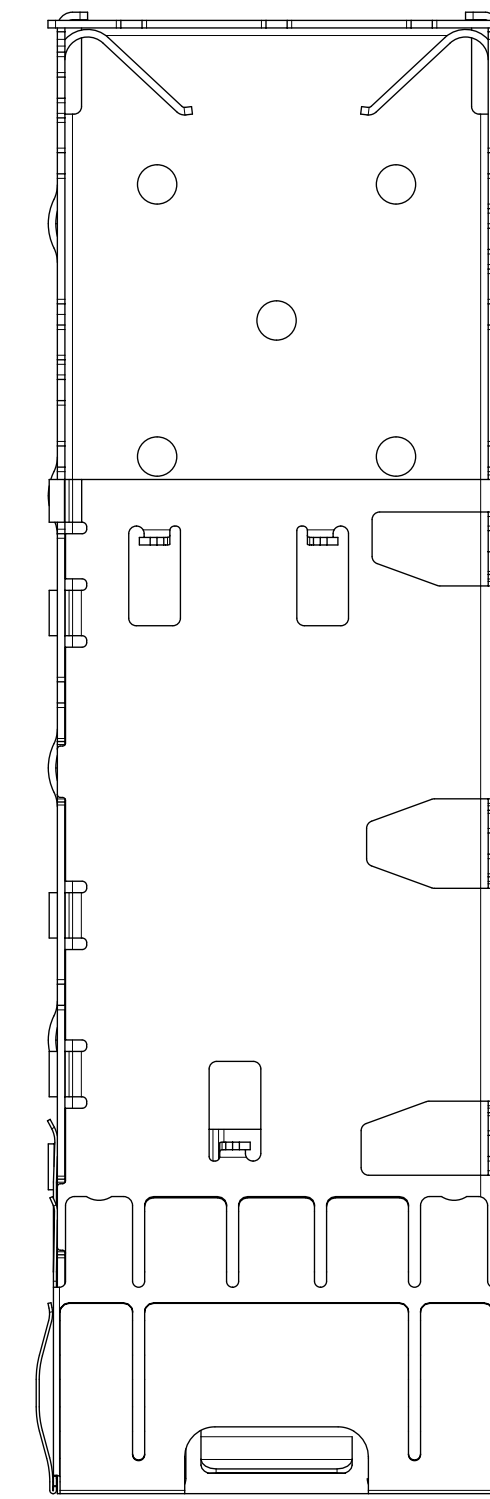
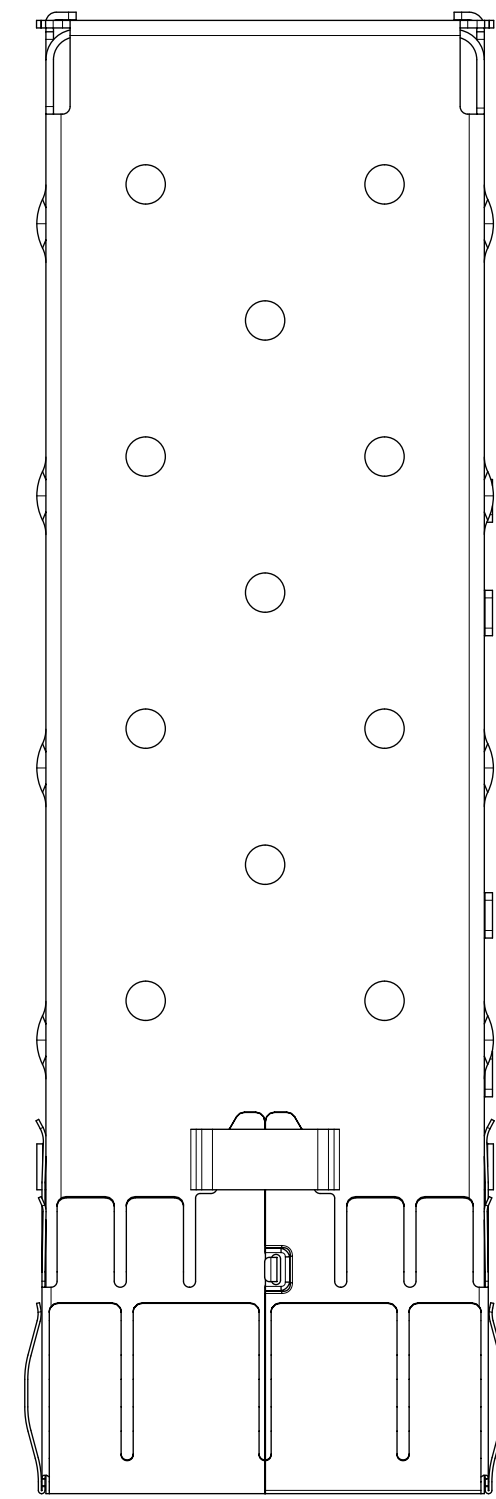
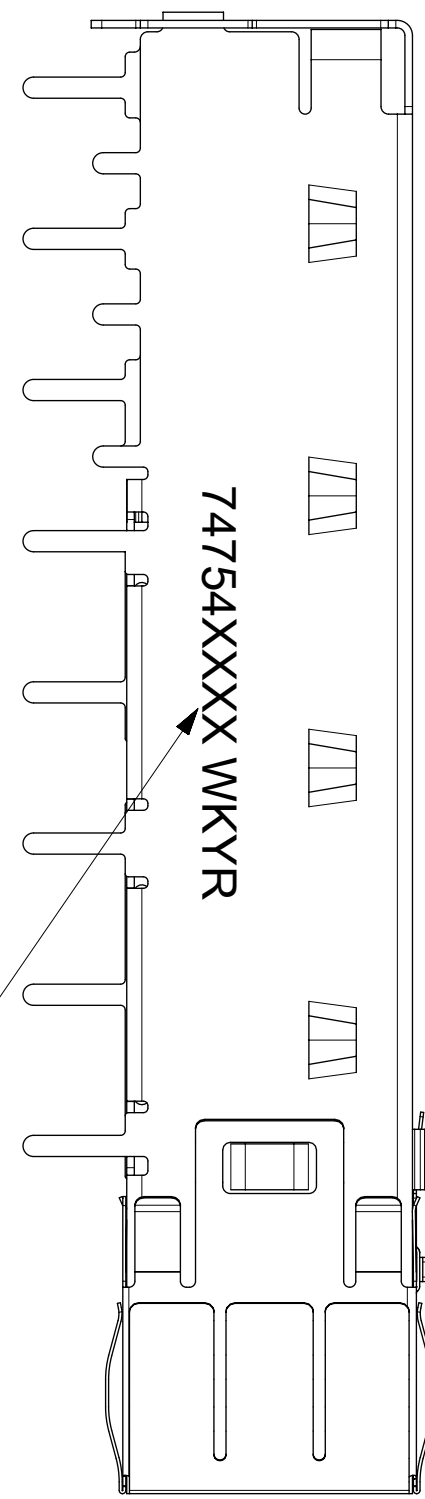
WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR)
YR	16, 17, 18 ETC.. (EXAMPLE: YEAR 2016= 16)

SFP+ 1X1 CAGE					
PART NO.	PLATING	DIM, A	SF THICKNESS	PACKING	SHEET NO.
747540103	PRE-PLATED WITH NICKEL	3.38	0.10mm	TRAY	SHEET 1
747540120	UNPLATED	3.38	0.10mm	TRAY	SHEET 2
747540134	PRE-PLATED WITH NICKEL	2.80	0.10mm	TRAY	SHEET 2
747540135	MATT TIN	2.80	0.10mm	TRAY	SHEET 2
747540906	PRE-PLATED WITH NICKEL	2.20	0.08mm	T & R	SHEET 2
747540907	PRE-PLATED WITH NICKEL	2.20	0.08mm	T & R	SHEET 3
747540909	UNPLATED	3.38	0.10mm	T & R	SHEET 2

NOTES:

- MATERIAL:
CAGE: COPPER ALLOY, THICKNESS 0.25mm
SPRING FINGER: NICKEL PLATED COPPER ALLOY (THICKNESS REFER P/N TABLE).
- OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE BACKWARDS COMPATIBLE WITH SFP TRANSCEIVERS
- NO RoHS EXEMPTIONS
- WITHOUT ANY DISCOLORATION AFTER IR REFLOW TEST (REFER TO PS OF 747540001)

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		
	FA = 0	mm	SCALE	4:1	
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 640094		SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS
	EA = 0	ANGULAR TOL ± 1.0°	DRWN: TKUMARKC 2020/05/26		
FUNCTIONAL SYMBOLS	4 PLACES ±		CHK'D: SMALLESHAPPA 2020/06/23		PRODUCT CUSTOMER DRAWING
	3 PLACES ±		APPR: JCHIANG 2020/06/25		
FUNCTIONAL SYMBOLS	2 PLACES ± 0.15		INITIAL REVISION:		DOCUMENT NUMBER 747540103
	1 PLACE ± 0.25		DRWN: BTEJA 2016/02/29		
FUNCTIONAL SYMBOLS	0 PLACES ±		APPR: RCHEN08 2016/03/08		DOC TYPE DOC PART REVISION PSD ASY U
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		
DRAWING		SERIES		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
D-SIZE		74754		SEE P/N TABLE 1 OF 8	



P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY AS SHOWN.

SEE TABLE BELOW FOR DATE CODE INFORMATION.

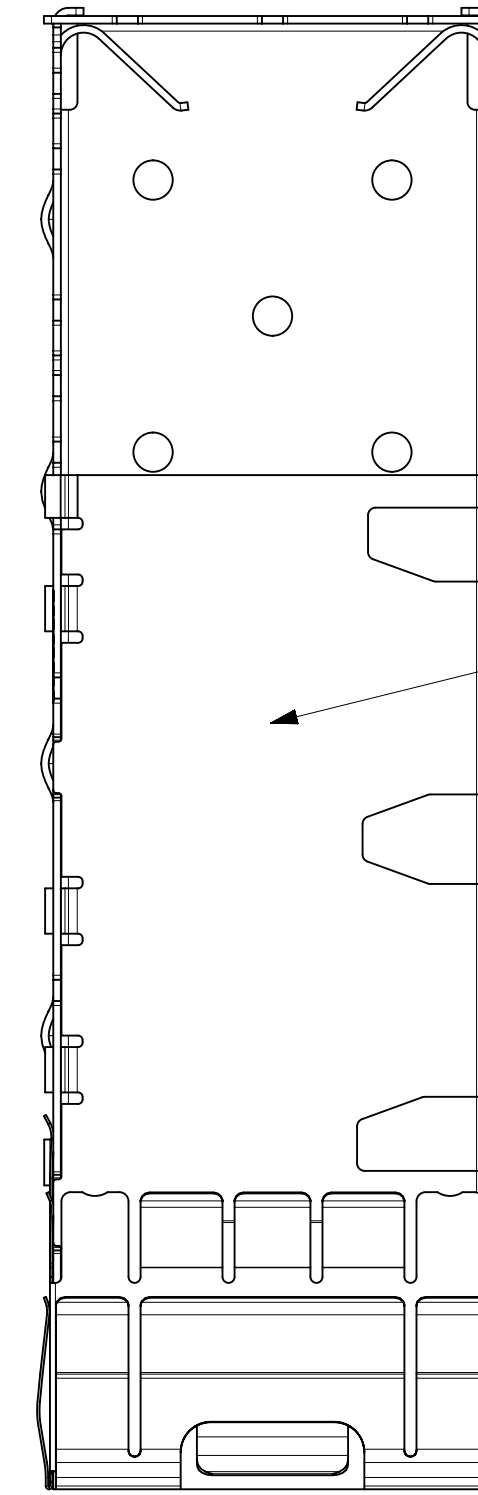
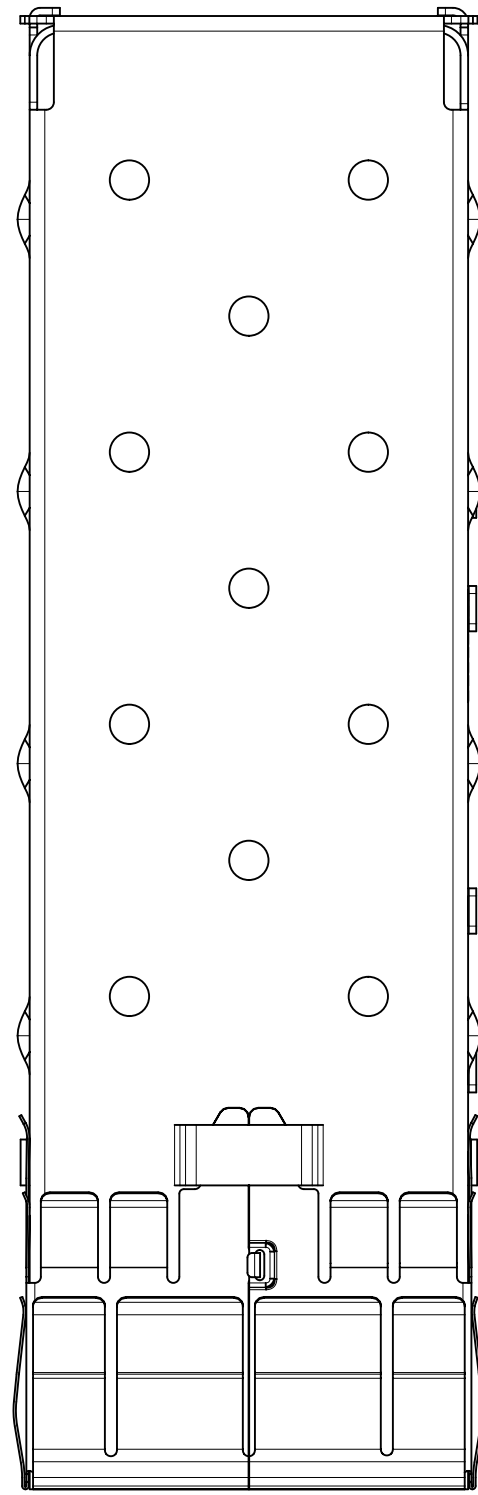
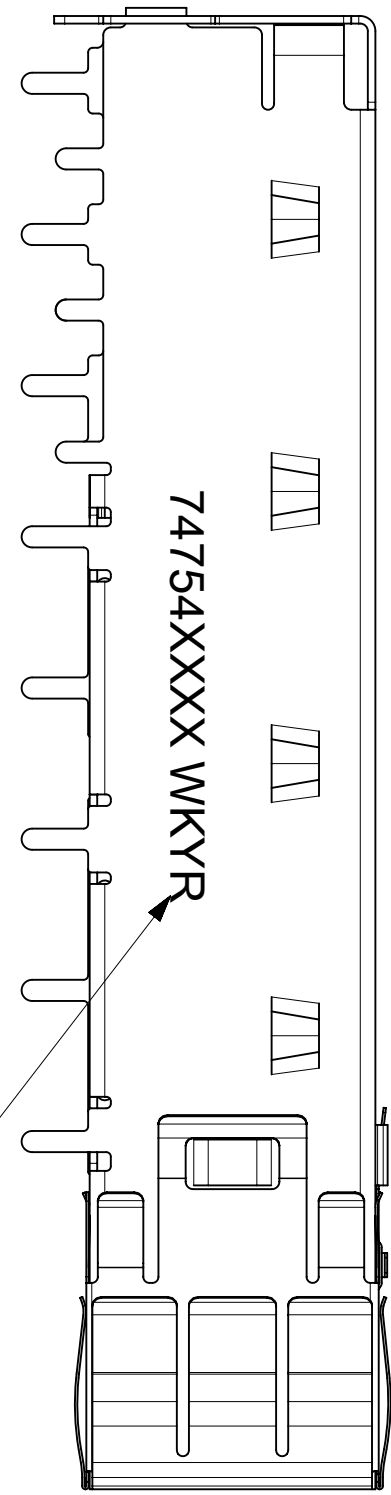
WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR)
YR	16, 17, 18 ETC.. (EXAMPLE: YEAR 2016= 16)

NOTES:

1. ALL DIMENSIONS ARE REFER TO SHEET 1

PART NO.
747540120
747540134
747540135
747540906
747540909

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE			
$\nabla_A = 0$	mm	SCALE	4:1	GENERAL TOLERANCES (UNLESS SPECIFIED)			
$\nabla_C = 0$		ANGULAR TOL $\pm 1.0^\circ$		4 PLACES \pm		EC NO: 640094	
$\nabla_D = 0$		3 PLACES \pm		2 PLACES ± 0.15		DRWN: TKUMARKC 2020/05/26	
DIVISIONAL SYMBOLS		2 PLACES ± 0.25		1 PLACE \pm		CHK'D: SMALLESHAPPA 2020/06/23	
		0 PLACES \pm		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: JCHIANG 2020/06/25	
		THIRD ANGLE PROJECTION		DRAWING		INITIAL REVISION:	
				D-SIZE		DRWN: BTEJA 2016/02/29	
				SERIES		APPR: RCHEN08 2016/03/08	
				MATERIAL NUMBER		DOCUMENT NUMBER	
				74754		747540103	
				SEE P/N TABLE		DOC TYPE DOC PART REVISION	
						PSD ASY U	
						SHEET NUMBER	
						2 OF 8	

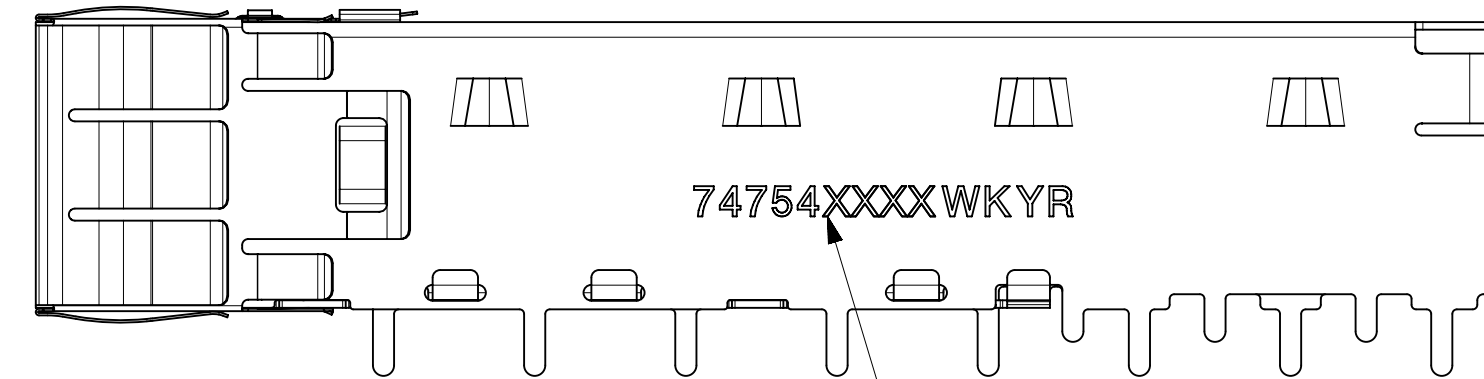
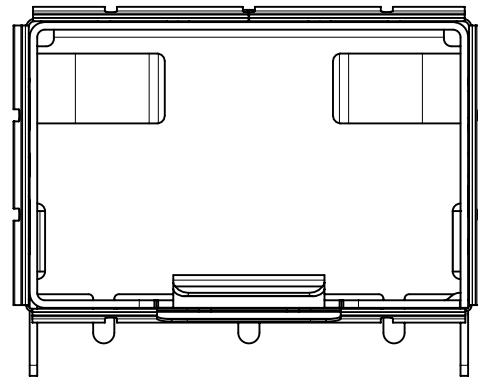


WITHOUT THREE BOTTOM LEGS

P/N AND WEEK/YEAR DATE CODE TO BE PRINTED ON THE SIDE OF COMPLETED CAGE ASSEMBLY AS SHOWN.

SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR)
YR	16, 17, 18 ETC.. (EXAMPLE: YEAR 2016= 16)



MOLEX INTERNAL USE ONLY

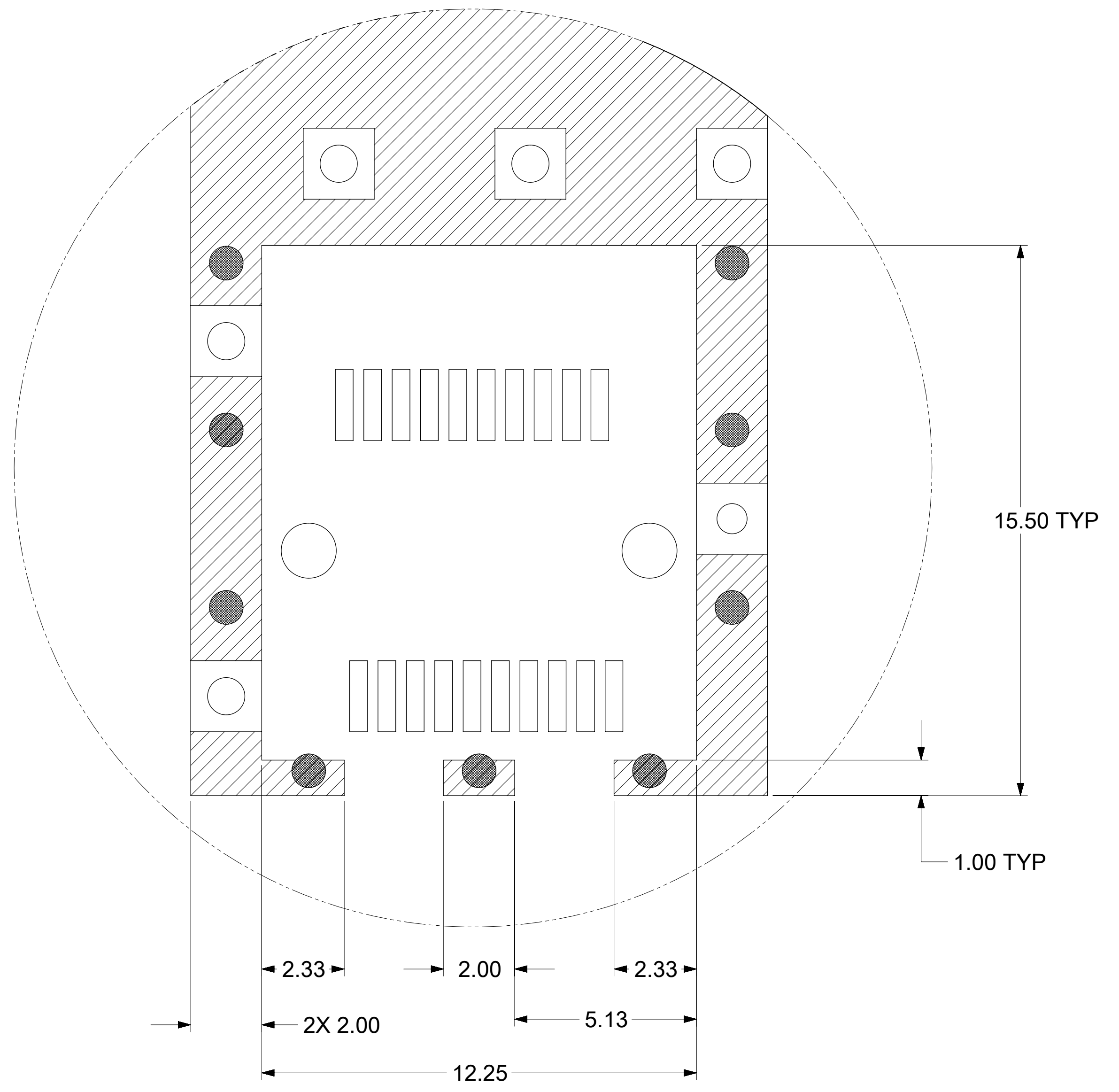
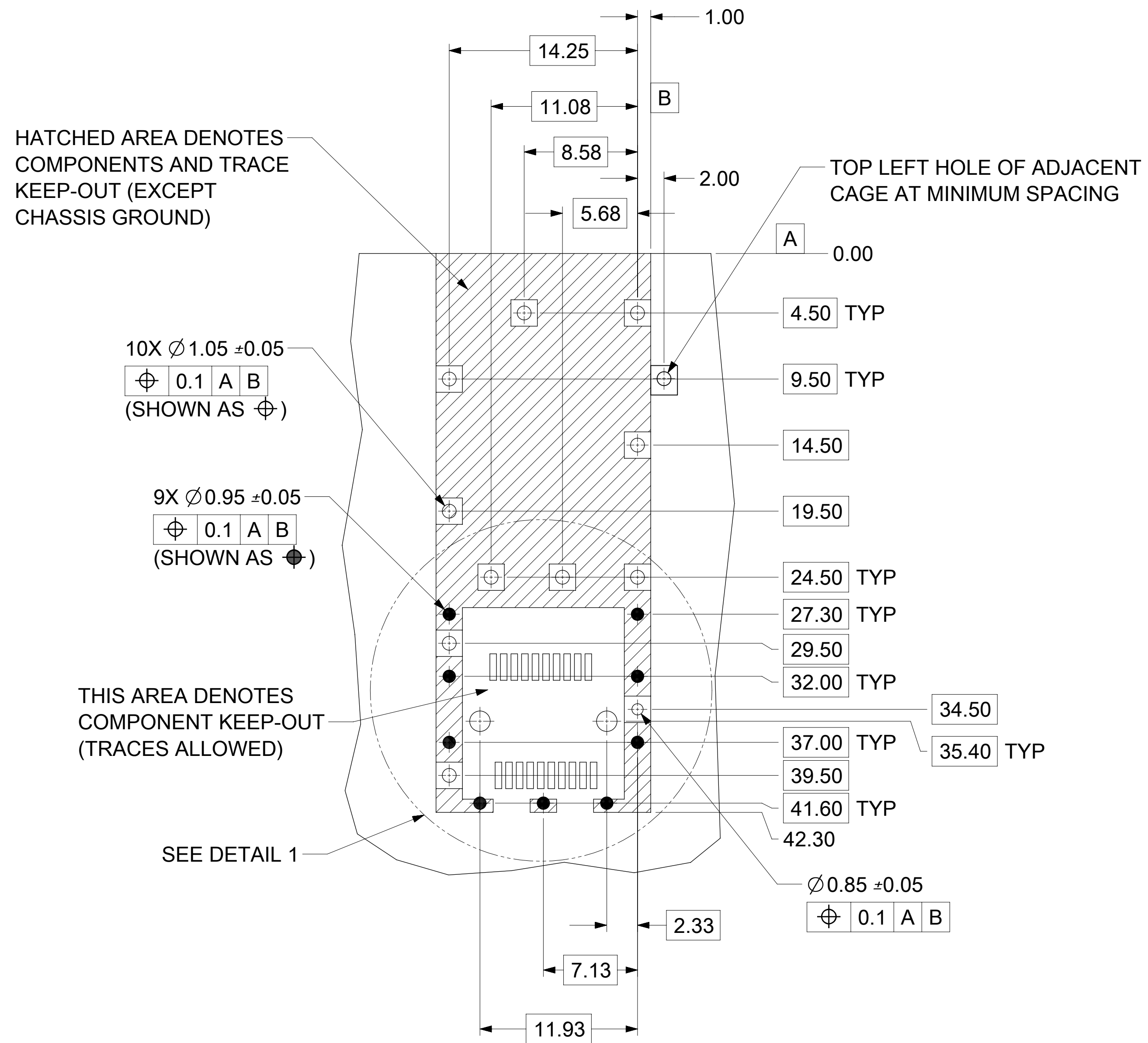
NOTES:

- ALL DIMENSIONS ARE REFER TO SHEET 1

PART NO.
747540907

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$ 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: 4:1		CURRENT REV DESC: SEE REVISION TABLE				
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$		EC NO: 640094 DRWN: TKUMARKC 2020/05/26 CHK'D: SMALLESHAPPA 2020/06/23 APPR: JCHIANG 2020/06/25		INITIAL REVISION: DRWN: BTEJA 2016/02/29 APPR: RCHEN08 2016/03/08				PRODUCT CUSTOMER DRAWING
4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES \pm		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING: D-SIZE SERIES: 74754		DOCUMENT NUMBER: 747540103 DOC TYPE: PSD DOC PART: ASY REVISION: U	
DOCUMENT STATUS: P1 RELEASE DATE: 2020/06/25 16:41:47		MATERIAL NUMBER: SEE P/N TABLE		CUSTOMER:		SHEET NUMBER: 3 OF 8			

PCB LAYOUT FOR SINGLE SIDE MOUNT



DETAIL 1
SCALE 10:1
HOST CONNECTOR DETAIL

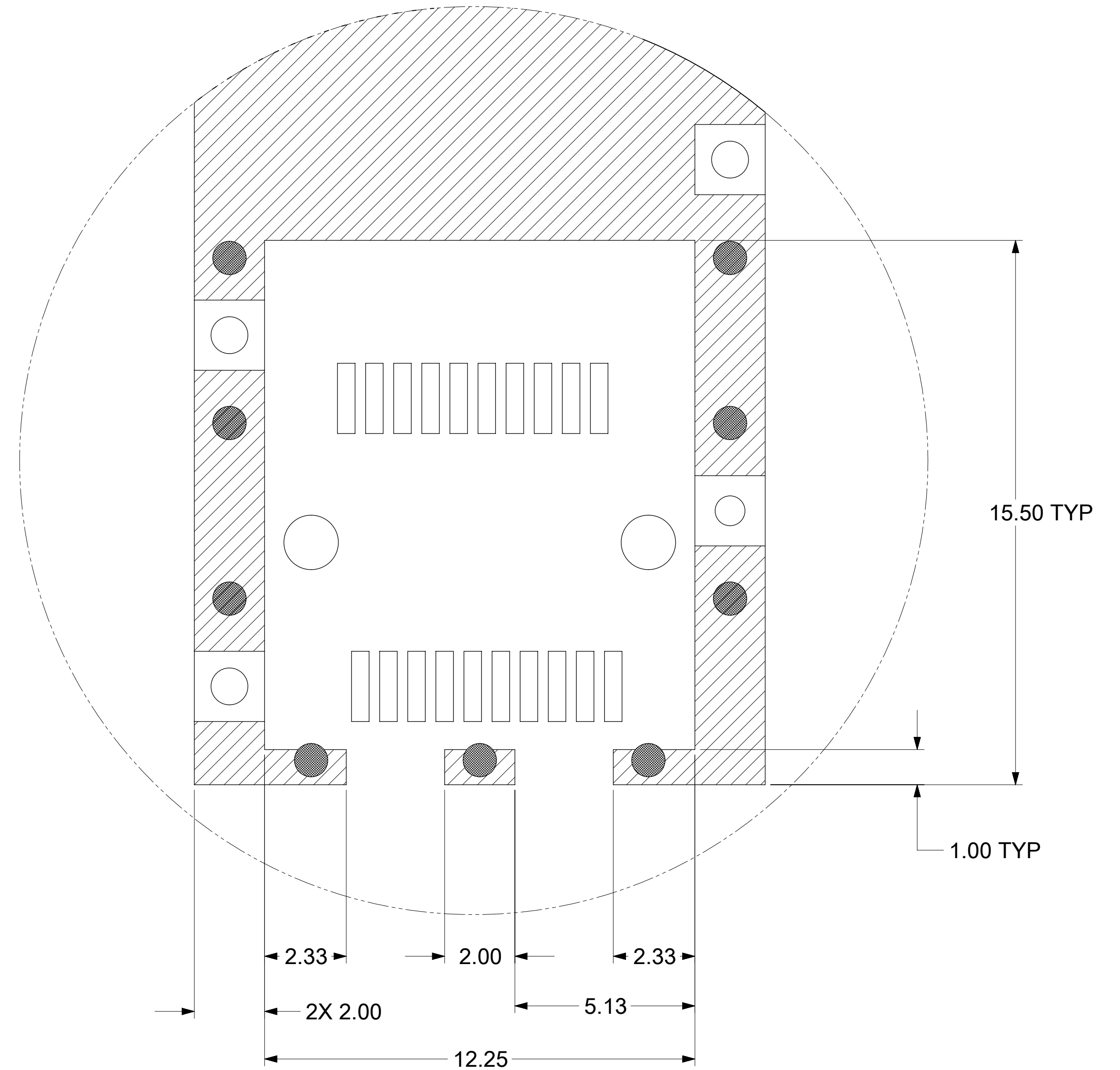
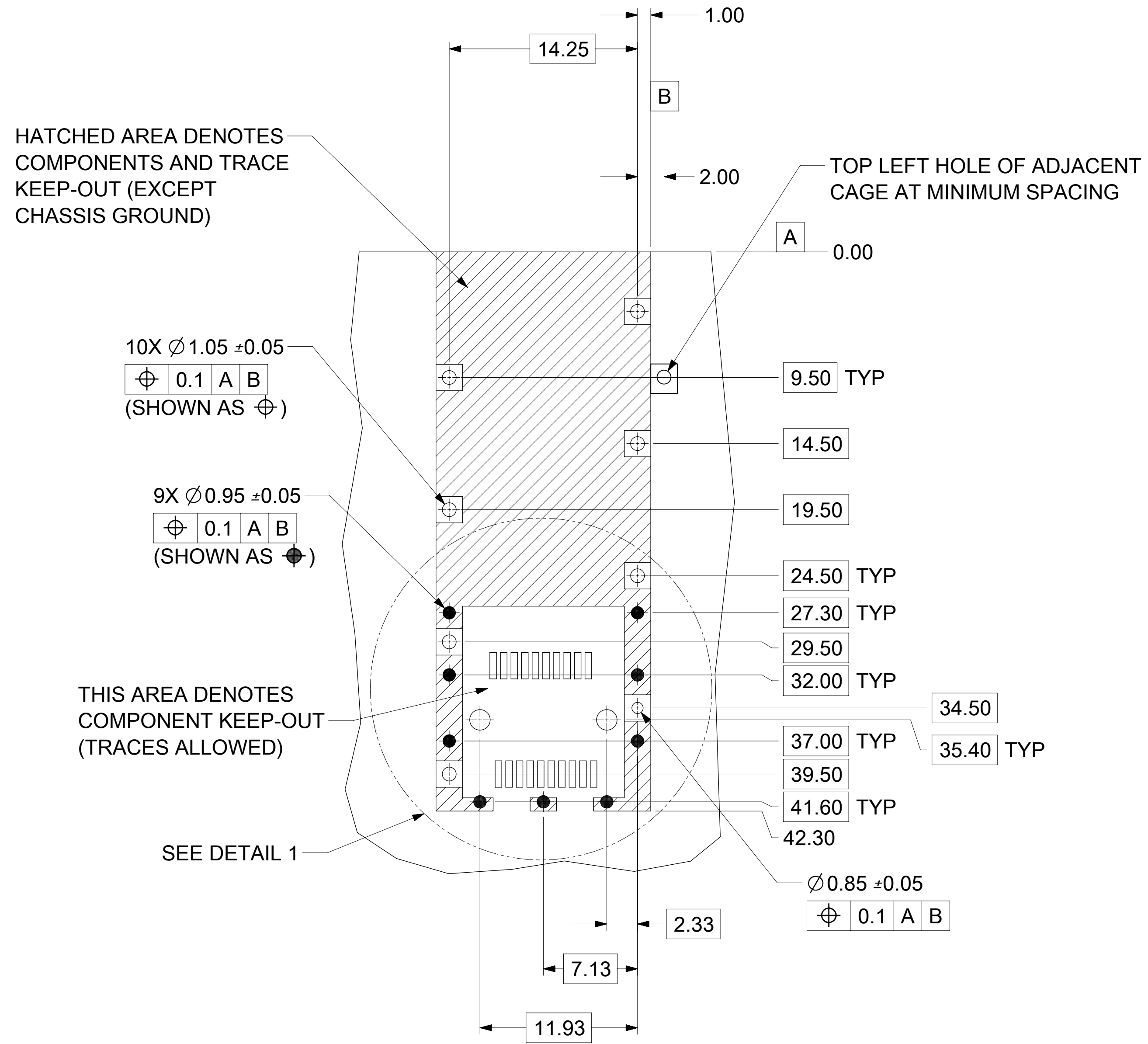
NOTES:

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.

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FD = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE		
	DIMENSION UNITS mm	SCALE 4:1			
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 640094		SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS
	ANGULAR TOL $\pm 1.0^\circ$		DRWN: TKUMARKC 2020/05/26		
	4 PLACES \pm	3 PLACES \pm		CHK'D: SMALLESHAPPA 2020/06/23	
	2 PLACES ± 0.15	1 PLACE ± 0.25		APPR: JCHIANG 2020/06/25	
	0 PLACES \pm	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
INITIAL REVISION: DRWN: BTEJA 2016/02/29 APPR: RCHEN08 2016/03/08		SERIES D-SIZE 74754		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 747540103 DOC TYPE: PSD DOC PART: ASY REVISION: U	
MATERIAL NUMBER: SEE P/N TABLE		CUSTOMER: SEE P/N TABLE		SHEET NUMBER: 4 OF 8	

PCB LAYOUT FOR SINGLE SIDE MOUNT

ONLY FOR 747540907



DETAIL 1
SCALE 10:1
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 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		
	DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE
$\nabla_A = 0$	mm	4:1	EC NO: 640094 DRWN: TKUMARKC 2020/05/26 CHK'D: SMALLESHAPPA 2020/06/23 APPR: JCHIANG 2020/06/25
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla_P = 0$	ANGULAR TOL $\pm 1.0^\circ$		INITIAL REVISION:
DIVISIONAL SYMBOLS	4 PLACES	\pm	DRWN: BTEJA 2016/02/29
	3 PLACES	\pm	APPR: RCHEN08 2016/03/08
	2 PLACES	± 0.15	
	1 PLACE	± 0.25	
	0 PLACES	\pm	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING SERIES
			D-SIZE 74754
DOCUMENT STATUS		DOCUMENT NUMBER	MATERIAL NUMBER
P1	747540103	SEE P/N TABLE	CUSTOMER
RELEASE DATE	DOC TYPE	DOC PART	REVISION
2020/06/25	PSD	ASY	U
16:41:47	SHEET NUMBER		5 OF 8

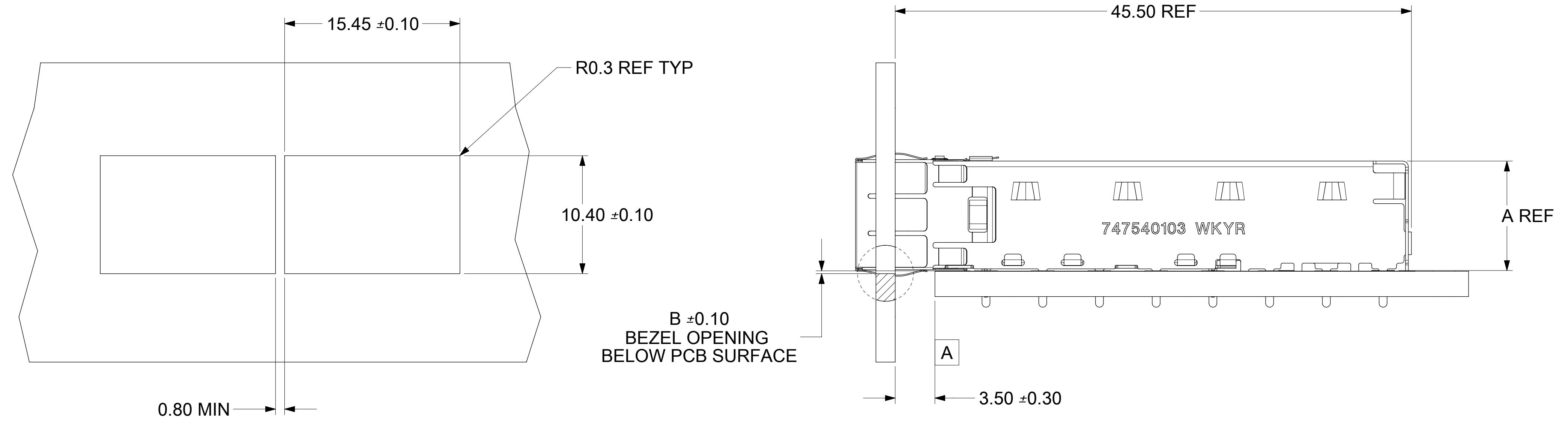
molex

SFP+ 1X1 CAGE ASSEMBLY
WITH SPRING FINGERS AND SOLDER POST LEGS

PRODUCT CUSTOMER DRAWING

747540103 PSD ASY U

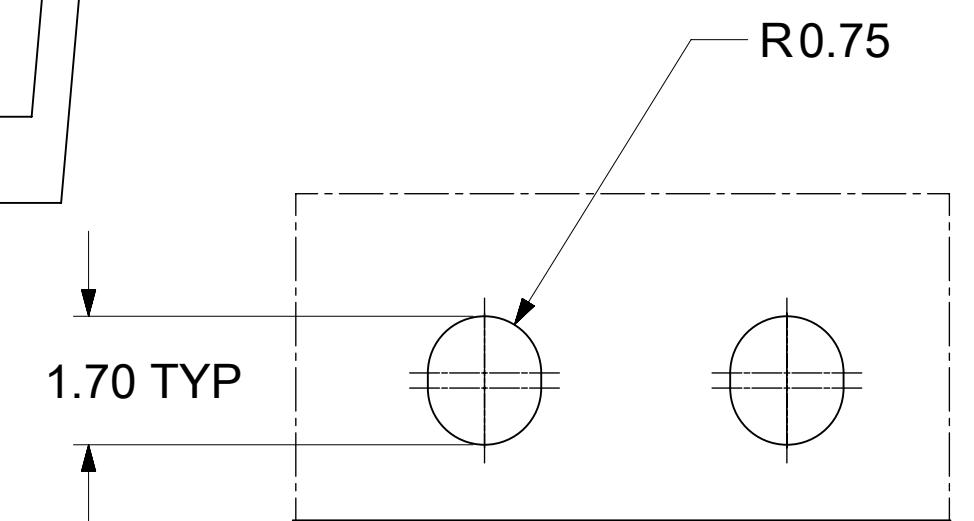
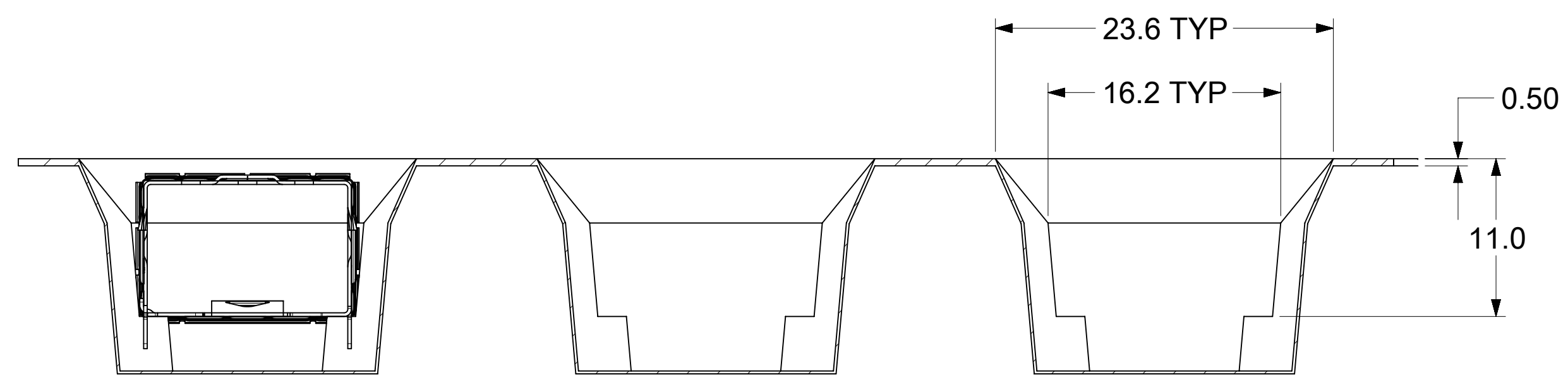
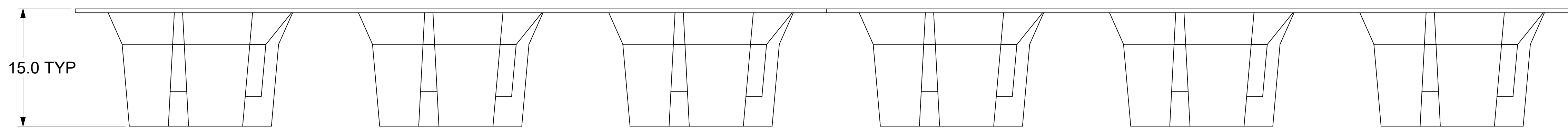
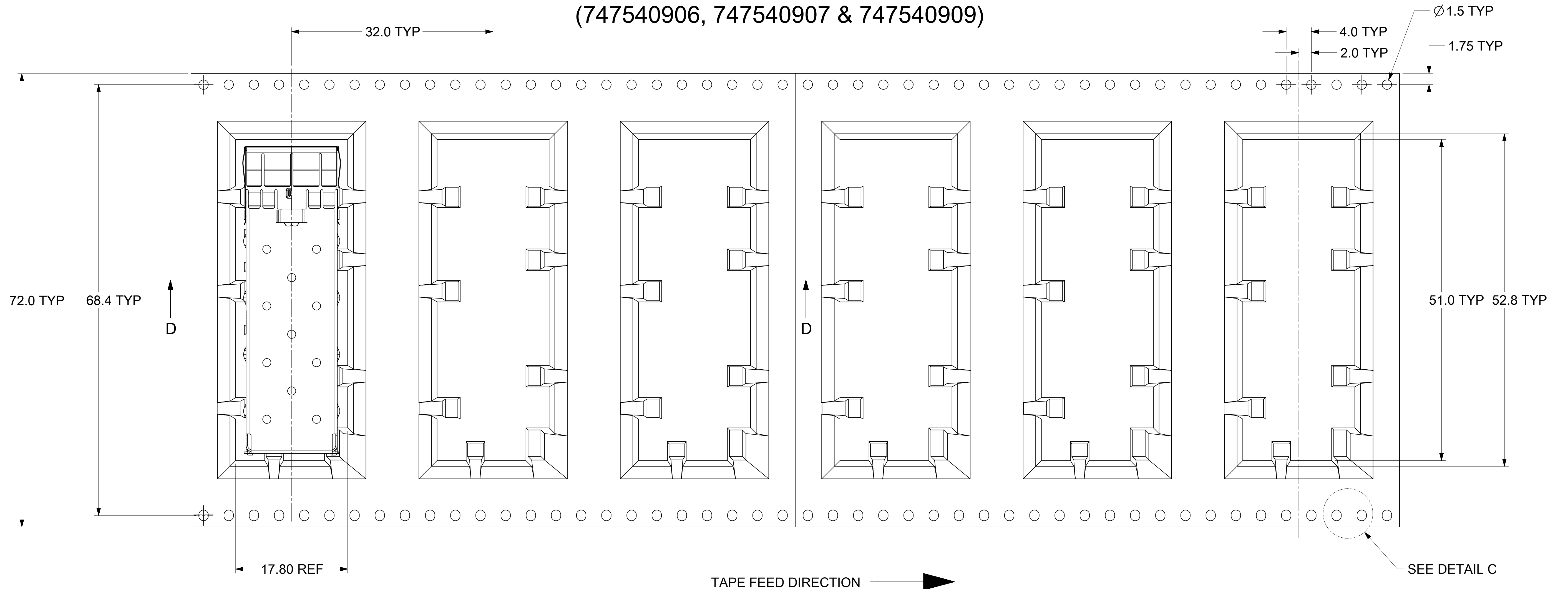
BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING (SPRING FINGER)



SFP+ 1X1 CAGE		
PART NO.	DIME A	DIM B
747540103	9.47	0.43
747540120	9.47	0.43
747540134	9.65	0.25
747540135	9.65	0.25
747540906	9.47	0.43
747540907	9.47	0.43
747540909	9.47	0.43

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: 4:1 CURRENT REV DESC: SEE REVISION TABLE GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	EC NO: 640094 DRWN: TKUMARKC 2020/05/26 CHK'D: SMALLESHAPPA 2020/06/23 APPR: JCHIANG 2020/06/25 INITIAL REVISION: DRWN: BTEJA 2016/02/29 APPR: RCHEN08 2016/03/08	molex
SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS			PRODUCT CUSTOMER DRAWING
DOCUMENT NUMBER: 747540103		DOC TYPE: PSD DOC PART: ASY REVISION: U	SHEET NUMBER: 6 OF 8
DRAFTING: D-SIZE SERIES: 74754		MATERIAL NUMBER: SEE P/N TABLE CUSTOMER:	

TAPE & REEL DETAIL FOR P/N (747540906, 747540907 & 747540909)



DETAIL C
SCALE 10:1

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FD = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SEE REVISION TABLE	
	DIMENSION UNITS mm	SCALE 3:1		
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 640094	
	ANGULAR TOL $\pm 1.0^\circ$		DRWN: TKUMARKC	2020/05/26
	4 PLACES \pm		CHK'D: SMALLESHAPPA	2020/06/23
	3 PLACES \pm		APPR: JCHIANG	2020/06/25
	2 PLACES ± 0.15		INITIAL REVISION:	
1 PLACE ± 0.25		DRWN: BTEJA	2016/02/29	
0 PLACES \pm		APPR: RCHEN08	2016/03/08	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING D-SIZE	SERIES 74754
DOCUMENT STATUS P1		RELEASE DATE 2020/06/25 16:41:47	MATERIAL NUMBER SEE P/N TABLE	CUSTOMER
			SHEET NUMBER 7 OF 8	

molex

SFP+ 1X1 CAGE ASSEMBLY
WITH SPRING FINGERS AND SOLDER POST LEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER DOC TYPE DOC PART REVISION

747540103 PSD ASY U

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE P/N TABLE

7 OF 8

REV	DATE	DESCRIPTION
C	2012/10/04	ADDED PN TABLE. REMOVED NICKEL PLATED FROM CAGE.
D	2013/01/04	ADDED 74754-0901. ADDED DIM A TO TABLE. REMOVED MINIMUM PCB THICKNESS NOTE. UPDATED ROHS NOTE. CREATED SHT4 AND ADDED REV HISTORY.
E	2014/03/03	1. CHANGED P/N TEXT ON SIDE OF CAGE FROM 747540103 WKYR TO 74754XXXX WKYR [SHT 1] 2. REGENERATED ISO VIEW [SHT 1]. 3. ADDED 747540134, 747540135 AND 747548103 [SHT 1] 4. ADDED "MM 3D MODEL: TM-74754-1X1-SOLDER" ON LEFT TOP CORNER [SHT 1]
F	2014/03/06	ADDED P/N TABLE [SHT 3]
G	2014/04/14	1. MODIFY DIM A OF 747540134 & 747540135 FROM 3.23 TO 2.80 [SHT 1] 2. MODIFY DIM B OF 747540134 & 747540135 FROM 0.40 TO 0.25 [SHT 3]
H	2014/06/06	ADDED PACKING INFORMATION [SHT 1]
J	2014/11/27	1. REMOVED P/N 74754-0135. [SHEET 1,3] 2. REMOVED ALL INCH UNIT. [SHEET 2]
K	2015/02/17	1. CHANGED 747540901 DIM.A FROM 2.00 TO 2.20mm. [SHEET 1] 2. P/N DESCRIPTION CHANGED AS "P/N AND WEEK/YEAR DATE CODE TO BE PRINTED / STAMPED ON THE SIDE OF COMPLETED CAGE ASSEMBLY AS SHOWN." [SHEET 1] 3. CHANGED 747548103 DIM A 9.47 TO 9.65 FROM TABLE @E6 [SHEET 3] 4. CHANGED 747548103 DIM B 0.43 TO 0.25 FROM TABLE @E5 [SHEET 3]
L	2016/02/29	1.REMASTERED FROM SD-74754-0103_REV 'K' 2.SHEET 1: ADDED WITHOUT ANY DISCOLORATION AFTER IR REFLOW TEST (REFER TO PS OF 747540001)
M	2016/05/12	SHEET 1 : A12 : ADDED 747540188 INTO P/N TABLE D13 : ADDED DIMENSION 11.50 REF SHEET 3 : D5 : ADDED 747540188 INTO P/N TABLE
N	2016/08/29	SEPERATED 747540188 TO 747540188 PSD ASY SHEET 1 : A12 : DELETED 747540188 FROM P/N TABLE SHEET 3 : D5 : DELETED 747540188 FROM P/N TABLE
P	2016/10/28	SHEET 1: A12: ADDED 747540906 ON P/N TABLE SHEET 2: ADDED A SHEET FOR P/N AND DATE CODE PRINTING SHEET 4: D5: ADDED 747540906 ON P/N TABLE
R	2017/09/04	SHEET 1: B14: ADDED "THICKNESS REFER P/N TABLE" TO THE NOTE. D3 : ADDED COLUMN "SF THICKNESS" TO THE P/N TABLE.
T	2019/07/08	SHEET 1 : ADDED 747540135 TO P/N TABLE. SHEET 2 : ADDED 747540135 TO P/N TABLE. SHEET 4 : ADDED 747540135 TO P/N TABLE.
T1	2019/08/05	SHEET 1 : C8 : ADDED 747540907 TO P/N TABLE. SHEET 3 : ADDED A NEW SHEET FOR 747540907. SHEET 5 : ADDED A NEW SHEET FOR 747540907. SHEET 6 : D6 : ADDED 747540907 TO P/N TABLE.
T2	2020/02/06	SHEET 1, SHEET 2 & SHEET 6: REMOVED OBSOLETE PART NUMBER S 747540901, 747548103 FROM P/N TABLE
U	2020/06/23	SHEET 1: C07: ADDED P/N 747540909 TO P/N TABLE. B10: ADDED P/N 747540909 TO TABLE. E06: ADDED P/N 747540909 TO TABLE. SHEET 7: ADDED A SHEET TO SHOW TAPE AND REEL 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
$\nabla_A = 0$	mm	1:1	<p>EC NO: 640094 DRWN: TKUMARKC 2020/05/26 CHK'D: SMALLESHAPPA 2020/06/23 APPR: JCHIANG 2020/06/25</p> <p>INITIAL REVISION: DRWN: BTEJA 2016/02/29 APPR: RCHEN08 2016/03/08</p>
$\nabla_C = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		
$\nabla_P = 0$	ANGULAR TOL \pm 1.0°		
DIVISIONAL SYMBOLS	4 PLACES	\pm	
	3 PLACES	\pm	
	2 PLACES	\pm 0.15	
	1 PLACE	\pm 0.25	
	0 PLACES	\pm	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			D-SIZE
		SERIES	MATERIAL NUMBER
		74754	CUSTOMER
		SEE P/N TABLE	SHEET NUMBER
			8 OF 8

molex

SFP+ 1X1 CAGE ASSEMBLY
WITH SPRING FINGERS AND SOLDER POST LEGS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
747540103	PSD	ASY	U