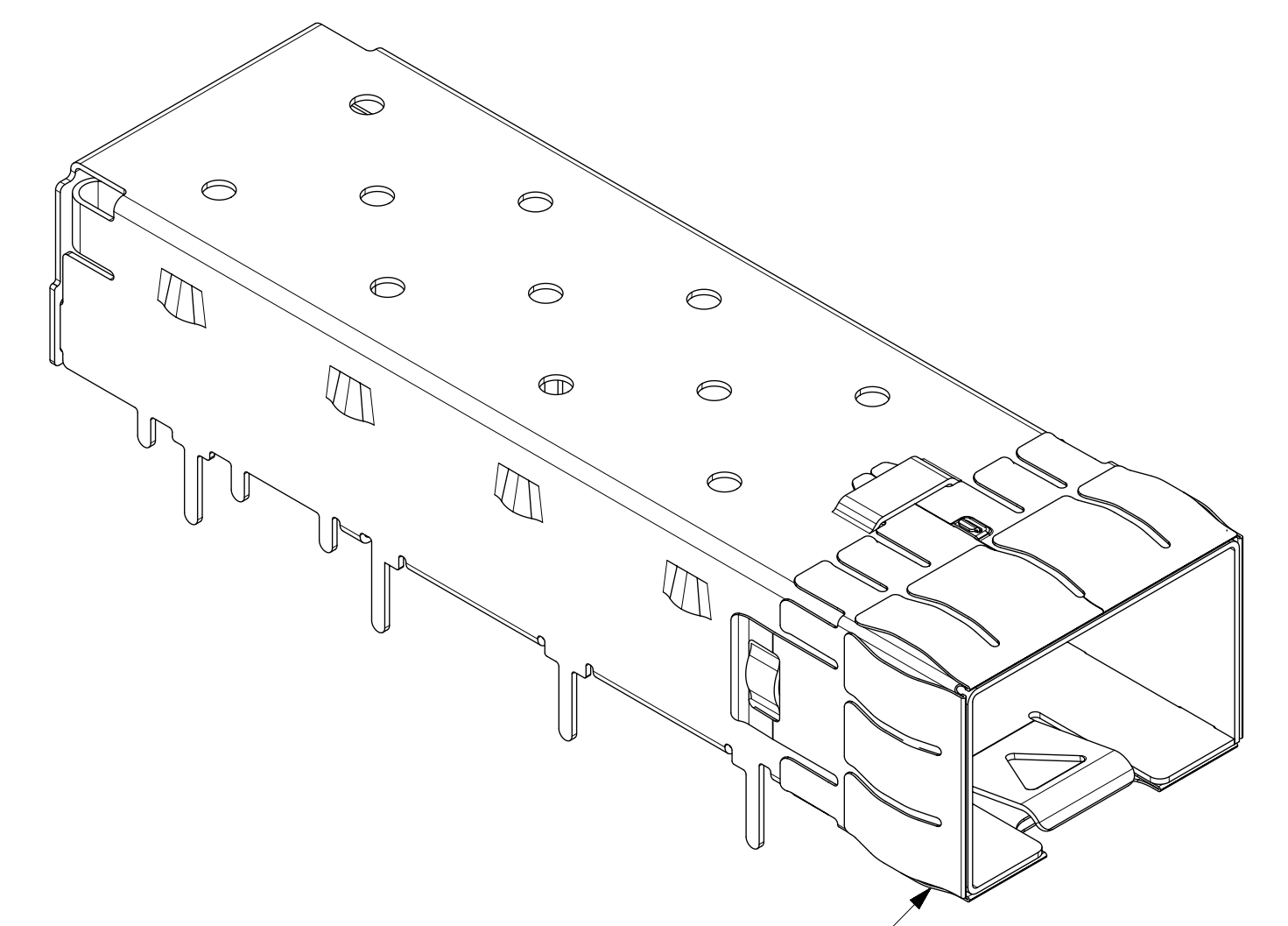
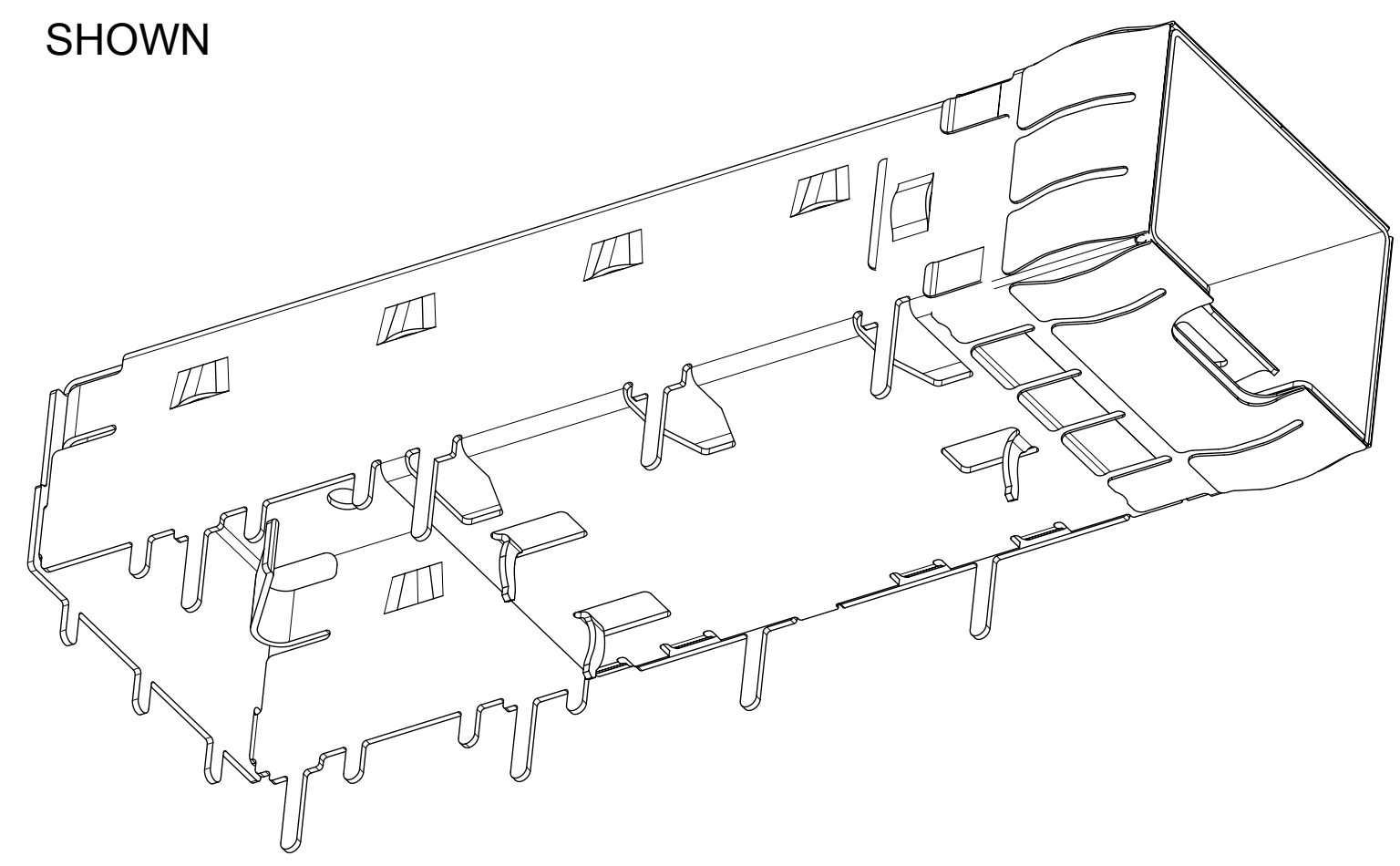
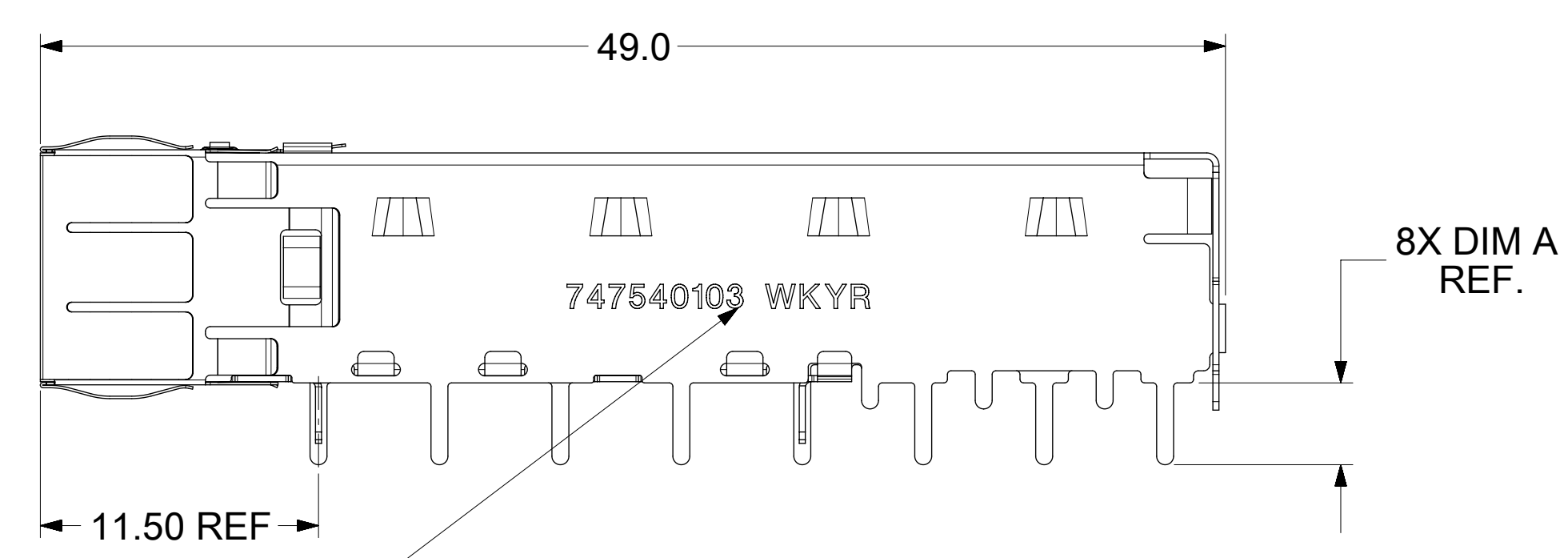
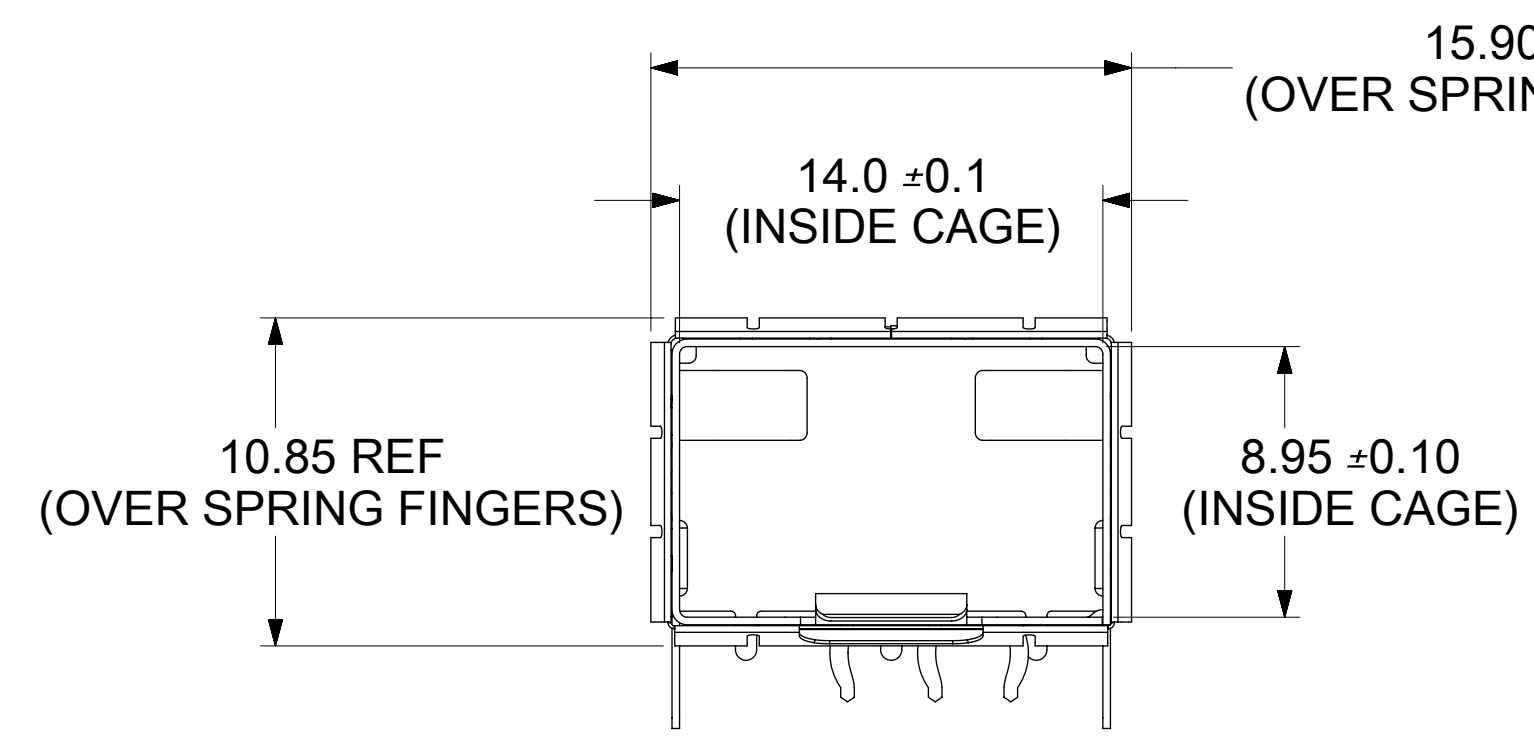


747540103

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.

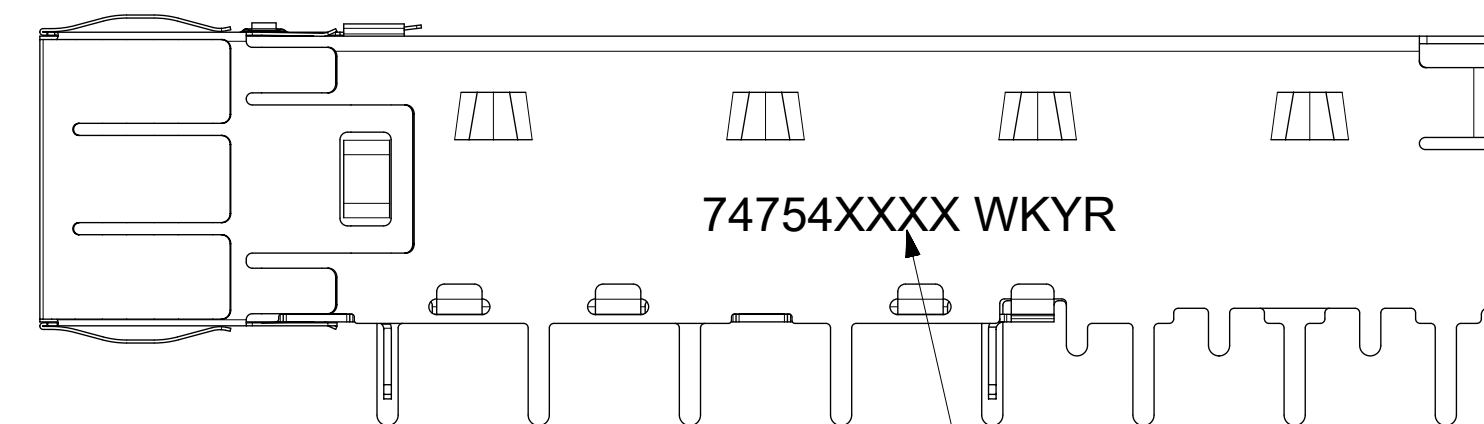
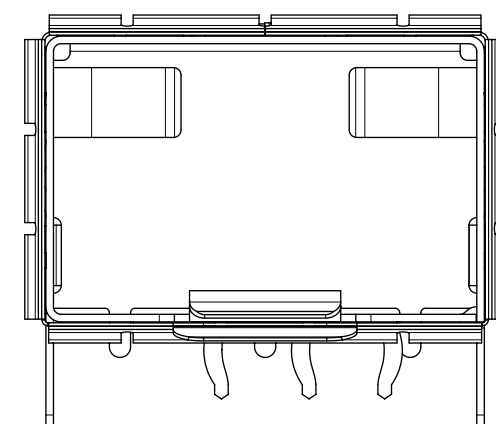
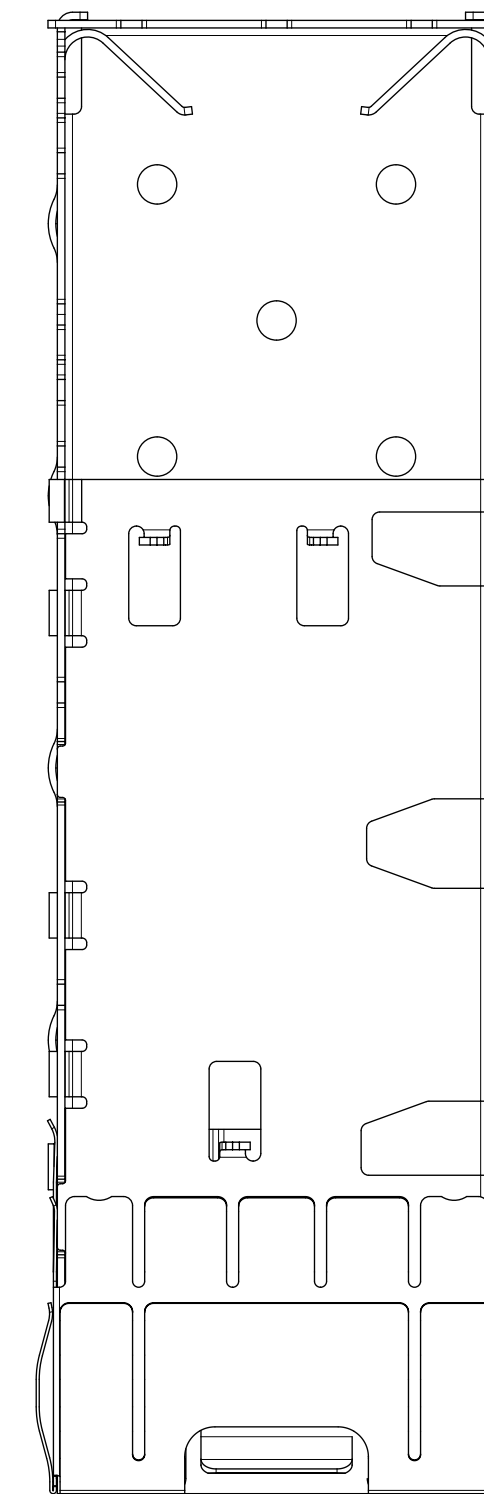
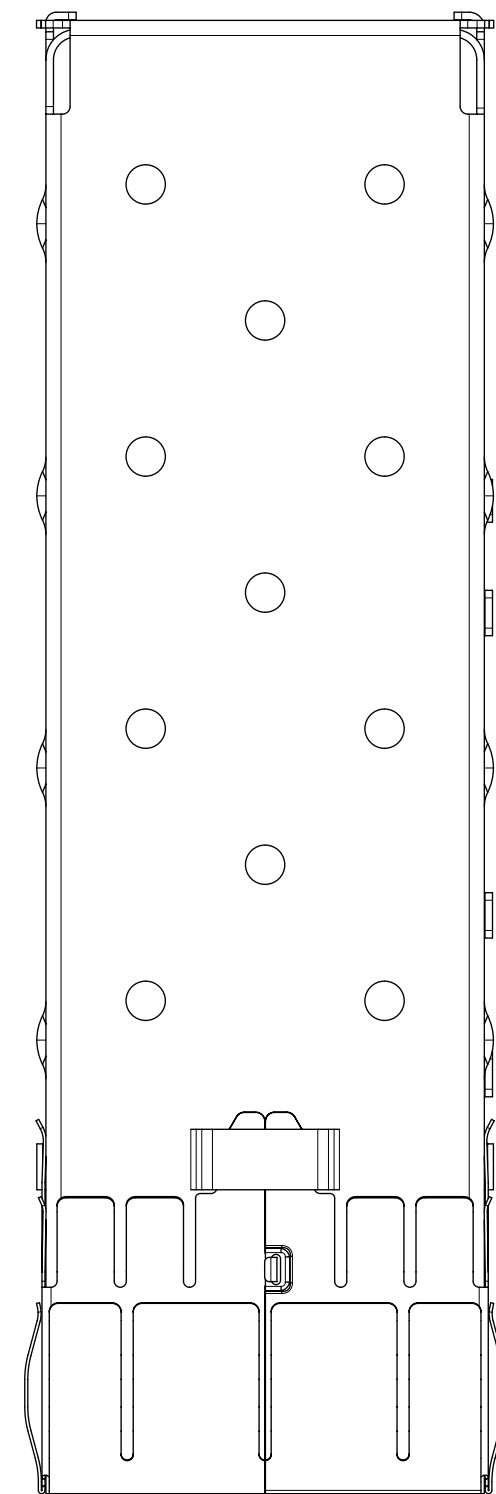
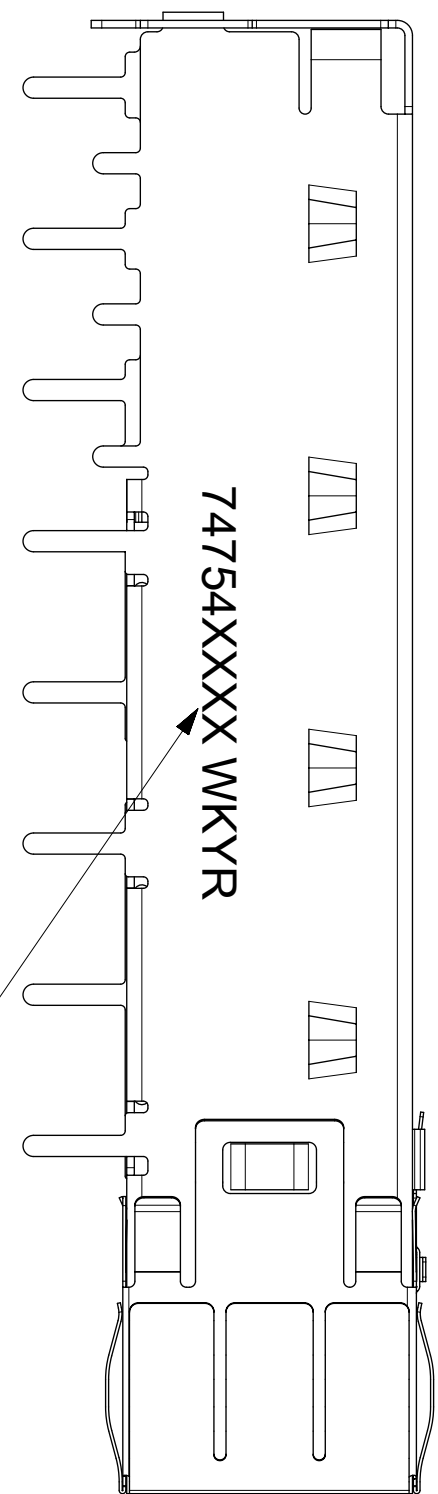
WEEK/YEAR DATE CODE TABLE	
WK	WEEK OF THE YEAR 01 THRU 52 (EXAMPLE: 01= FIRST WEEK OF YEAR 52= LAST WEEK OF YEAR)
YR	16, 17, 18 ETC.. (EXAMPLE: YEAR 2016= 16)

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

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)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DIMENSION UNITS <b>mm</b>	SCALE <b>4:1</b>	CURRENT REV DESC: OBSOLETE PART NUMBER			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 632260		<b>molex</b>	
ANGULAR TOL	± 1.0°	DRWN: AKUMAR19	2020/02/06		
4 PLACES	±	CHK'D: GGA	2020/02/28	SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS	
3 PLACES	±	APPR: GGA	2020/02/28	PRODUCT CUSTOMER DRAWING	
2 PLACES	± 0.15	INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
1 PLACE	± 0.25	DRWN: BTEJA	2016/02/29	<b>747540103</b>	PSD ASY T2
0 PLACES	±	APPR: RCHEN08	2016/03/08	MATERIAL NUMBER	CUSTOMER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	SEE TABLE	SHEET NUMBER
		<b>D-SIZE</b>	<b>74754</b>		<b>1 OF 7</b>



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)

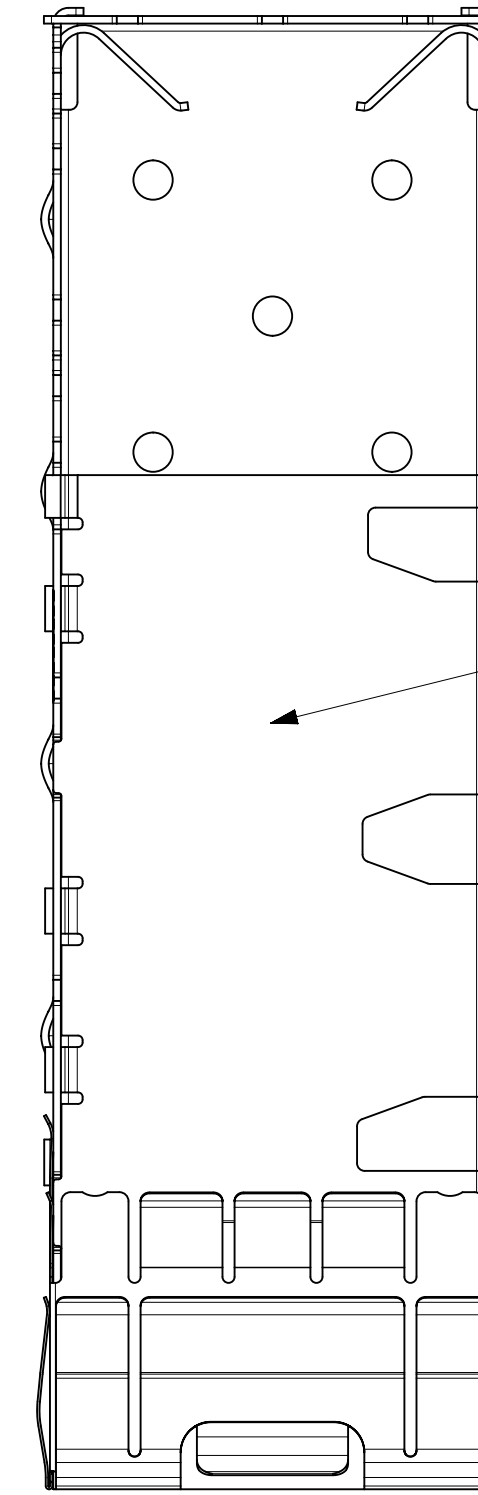
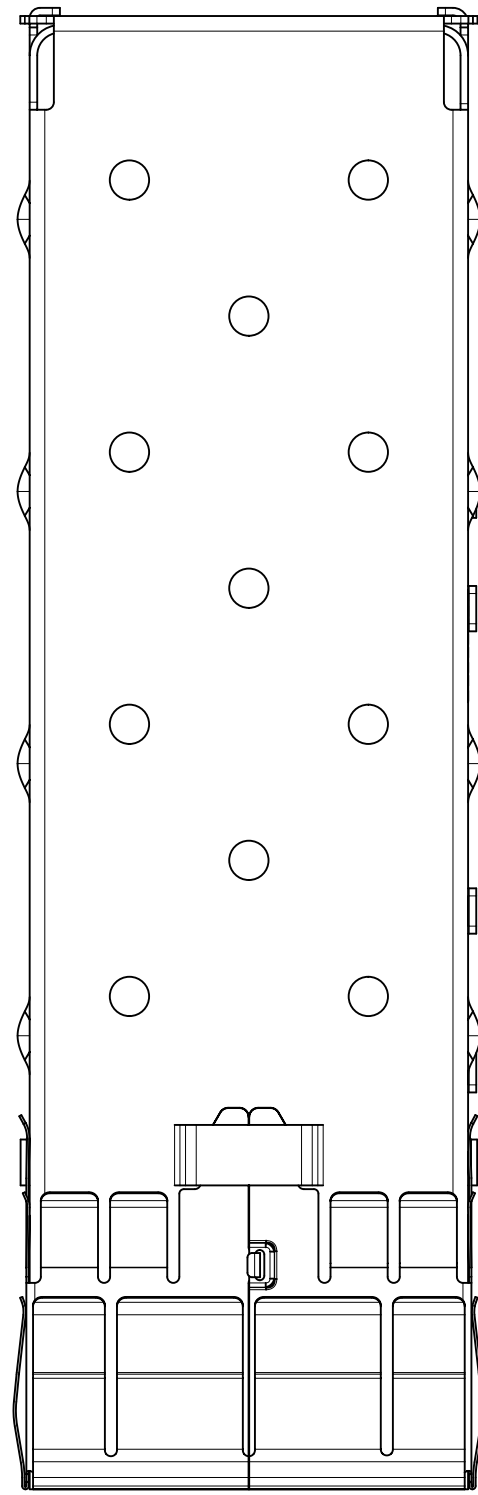
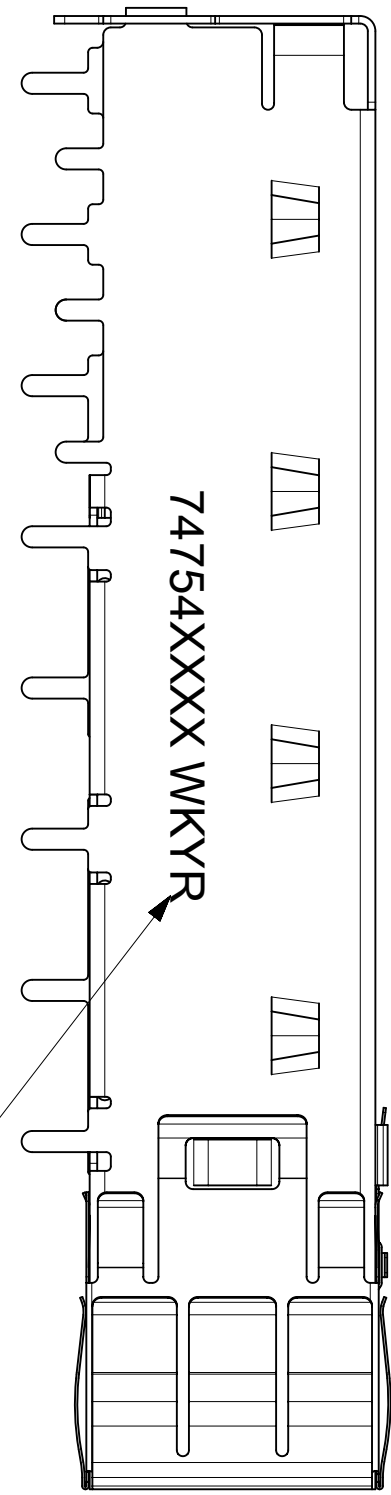
NOTES:

1. ALL DIMENSIONS ARE REFER TO SHEET 1

PART NO.
747540120
747540134
747540135
747540906

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS <b>mm</b>		SCALE <b>4:1</b>		CURRENT REV DESC: OBSOLETE PART NUMBER				<b>molex</b>	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 632260					
ANGULAR TOL ± 1.0°		4 PLACES ±		DRWN: AKUMAR19		2020/02/06		SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS	
3 PLACES ±		2 PLACES ± 0.15		CHK'D: GGA		2020/02/28		PRODUCT CUSTOMER DRAWING	
1 PLACE ± 0.25		0 PLACES ±		APPR: GGA		2020/02/28		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		INITIAL REVISION:		DRWN: BTEJA		2016/02/29	
				APPR: RCHEN08		2016/03/08		747540103	
				D-SIZE		74754		PSD ASY T2	
				SERIES		MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		SHEET NUMBER	
								2 OF 7	

MOLEX INTERNAL USE ONLY

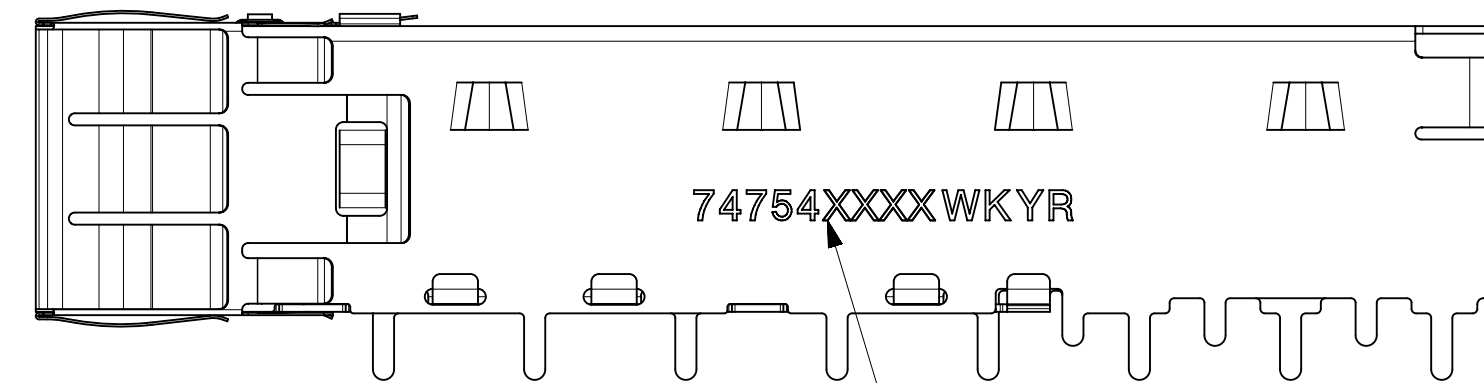
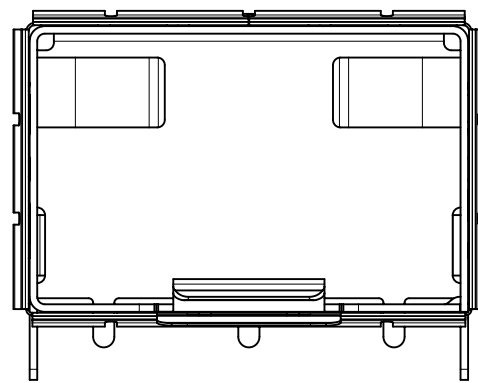


WITHOUT THREE BOTTOM LEGS

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

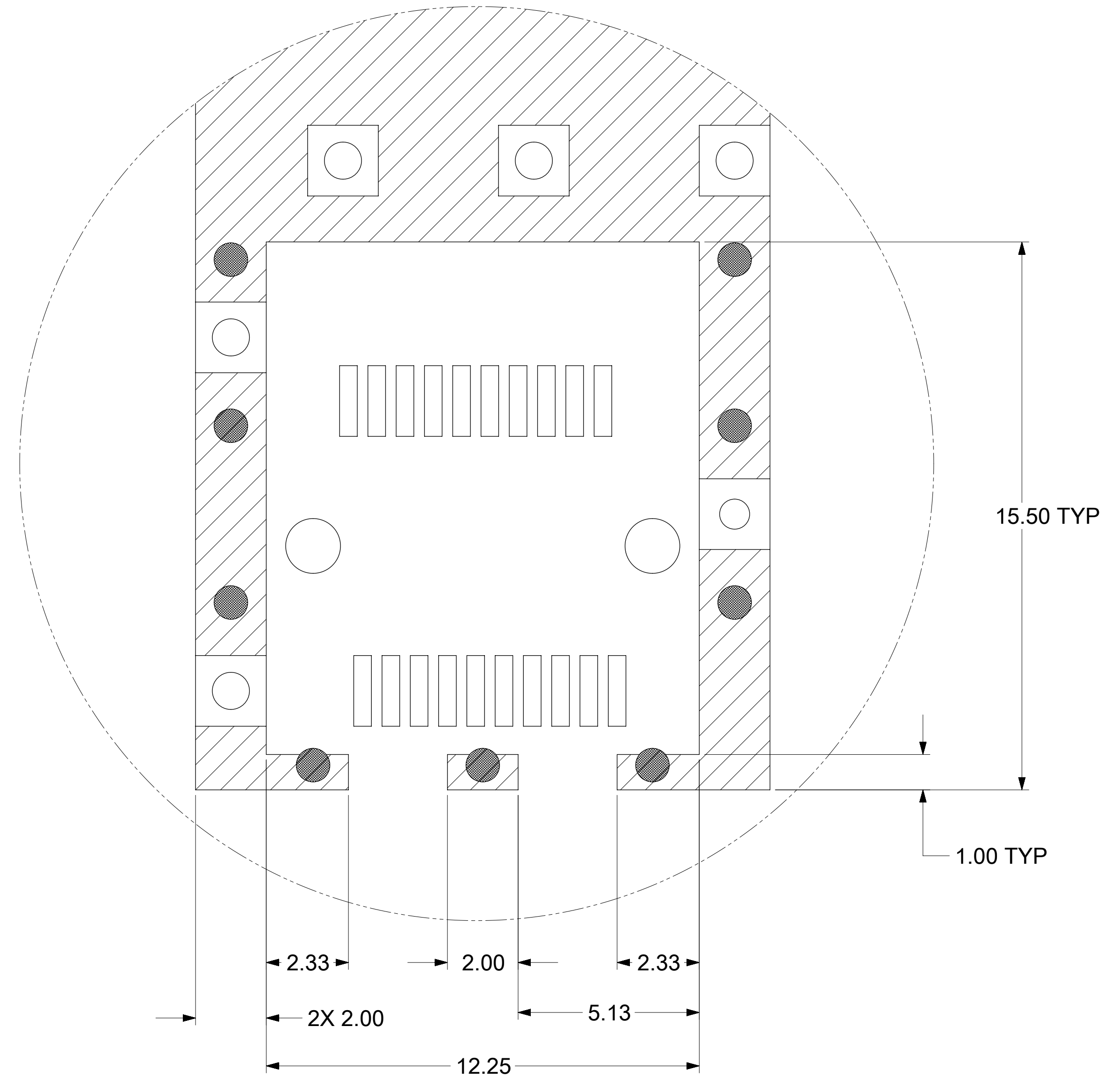
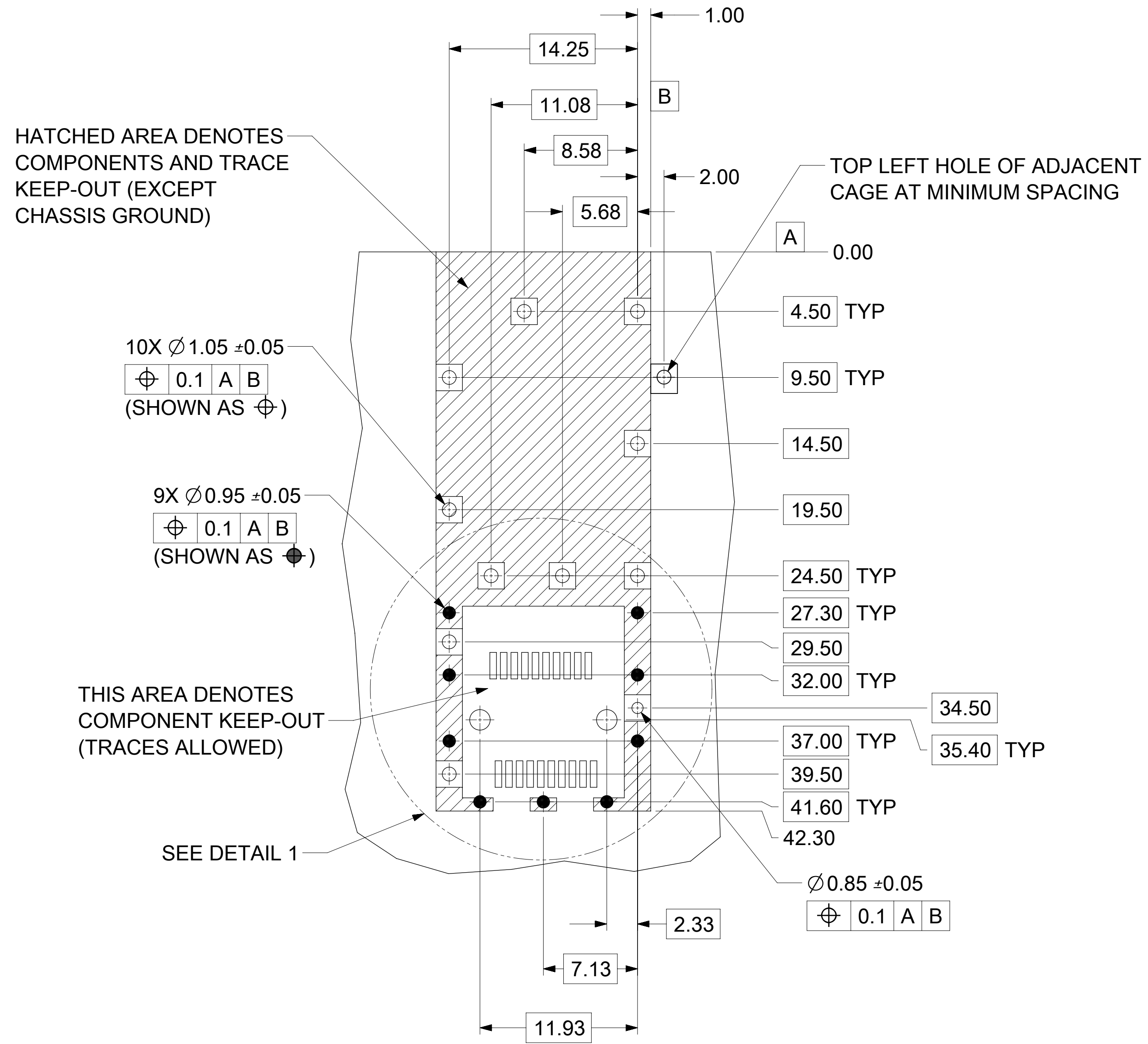
NOTES:

1. ALL DIMENSIONS ARE REFER TO SHEET 1

PART NO.  
747540907

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS <b>mm</b>		SCALE <b>4:1</b>		CURRENT REV DESC: OBSOLETE PART NUMBER						<b>molex</b>	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 632260							
ANGULAR TOL ± 1.0°		4 PLACES ±		DRWN: AKUMAR19		2020/02/06		SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS			
3 PLACES ±		2 PLACES ± 0.15		CHK'D: GGA		2020/02/28		PRODUCT CUSTOMER DRAWING			
1 PLACE ± 0.25		0 PLACES ±		APPR: GGA		2020/02/28		DOCUMENT NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
		D-SIZE		74754		SEE TABLE		747540103		PSD ASY T2	
										SHEET NUMBER 3 OF 7	

# PCB LAYOUT FOR SINGLE SIDE MOUNT



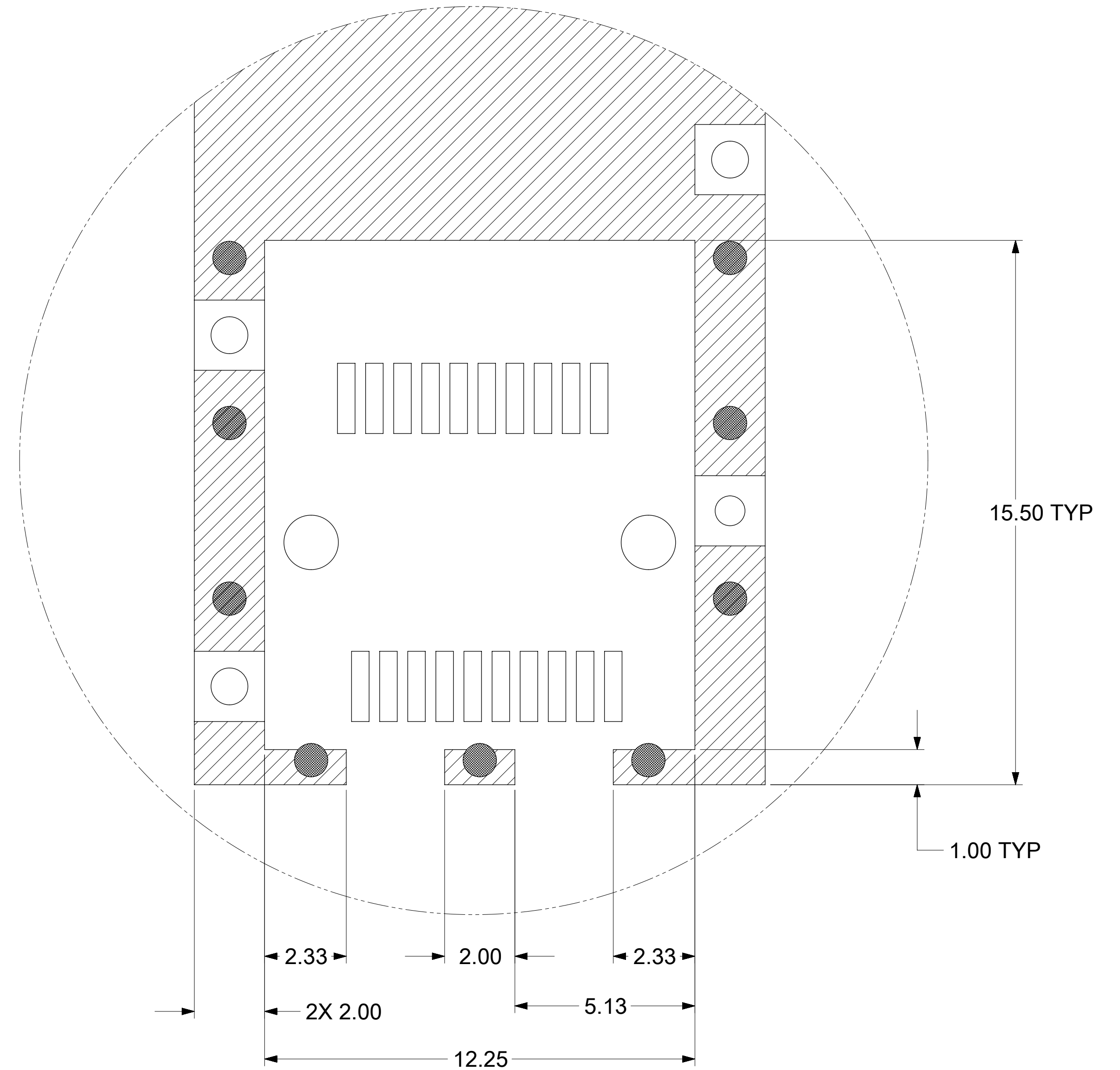
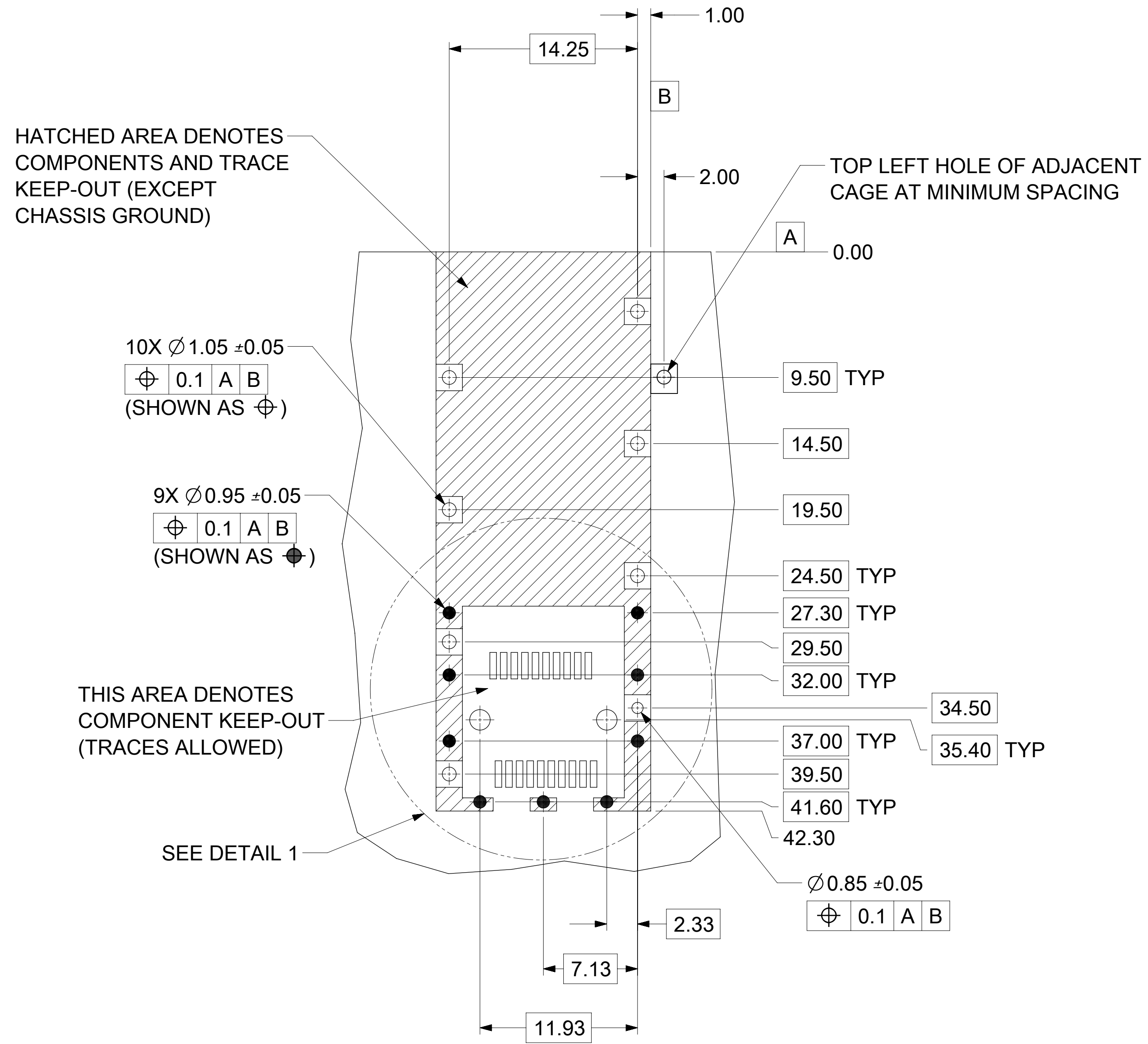
DETAIL 1  
SCALE 10:1  
HOST CONNECTOR DETAIL

- 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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS <b>mm</b>		SCALE <b>4:1</b>		CURRENT REV DESC: OBSOLETE PART NUMBER						<b>molex</b>			
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 632260									
ANGULAR TOL $\pm 1.0^\circ$				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		SERIES			
DOCUMENT STATUS		P1		RELEASE DATE		2020/02/28 02:41:41		D-SIZE		74754			
DRWN: AKUMAR19 2020/02/06				CHK'D: GGA 2020/02/28				APPR: GGA 2020/02/28					
DRWN: BTEJA 2016/02/29				APPR: RCHEN08 2016/03/08				INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
747540103				PSD		ASY		T2		CUSTOMER			
SEE TABLE				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		4 OF 7			

# PCB LAYOUT FOR SINGLE SIDE MOUNT

ONLY FOR 747540907

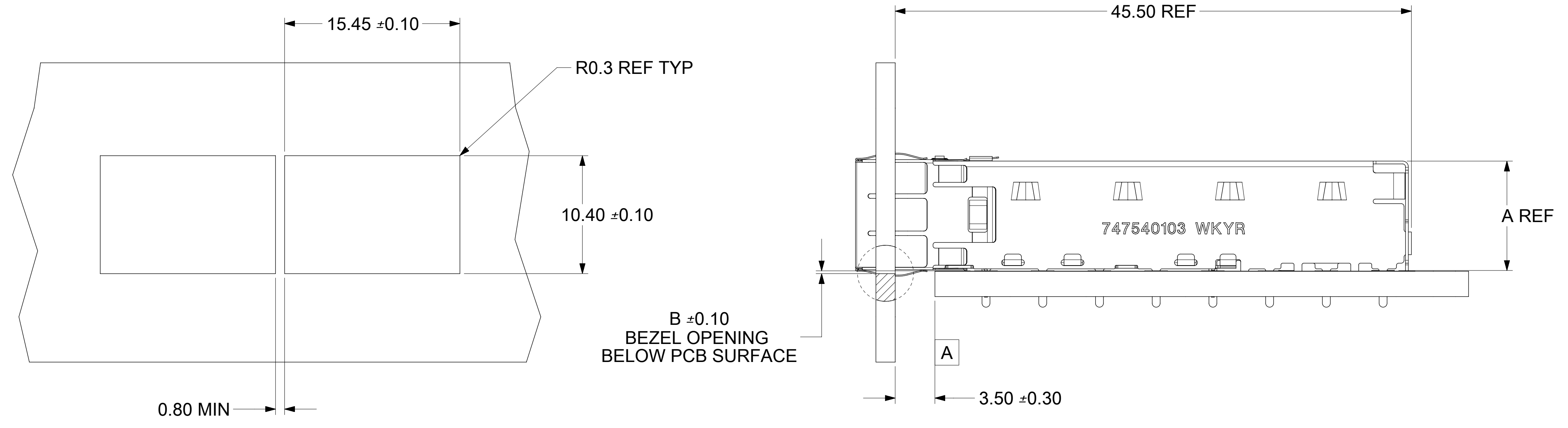


DETAIL 1  
SCALE 10:1  
HOST CONNECTOR DETAIL

- 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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS <b>mm</b>		SCALE <b>4:1</b>		CURRENT REV DESC: OBSOLETE PART NUMBER				<b>molex</b>	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 632260					
ANGULAR TOL $\pm 1.0^\circ$		4 PLACES $\pm$		DRWN: AKUMAR19		2020/02/06		SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS	
3 PLACES $\pm$		2 PLACES $\pm 0.15$		CHK'D: GGA		2020/02/28		PRODUCT CUSTOMER DRAWING	
1 PLACE $\pm 0.25$		0 PLACES $\pm$		APPR: GGA		2020/02/28		DOCUMENT NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
D-DRAWING		D-SIZE		74754		MATERIAL NUMBER		CUSTOMER	
SEE TABLE		SEE TABLE		SEE TABLE		SEE TABLE		SHEET NUMBER	
5 OF 7		5 OF 7		5 OF 7		5 OF 7		5 OF 7	

# 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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DIMENSION UNITS <b>mm</b>	SCALE <b>4:1</b>	CURRENT REV DESC: OBSOLETE PART NUMBER	
GENERAL TOLERANCES (UNLESS SPECIFIED)		<b>molex</b> SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 1.0°		
4 PLACES	±		
3 PLACES	±		
2 PLACES	± 0.15		
1 PLACE	± 0.25	EC NO: 632260	2020/02/06
0 PLACES	±	DRWN: AKUMAR19	2020/02/28
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: GGA	2020/02/28
THIRD ANGLE PROJECTION	DRAWING	INITIAL REVISION:	2016/03/08
		DRWN: BTEJA	2016/02/29
		APPR: RCHEN08	2016/03/08
		DOCUMENT NUMBER	747540103
		DOC TYPE	PSD
		DOC PART	ASY
		REVISION	T2
		MATERIAL NUMBER	SEE TABLE
		CUSTOMER	
		SHEET NUMBER	6 OF 7

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

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: OBSOLETE PART NUMBER				<b>molex</b>	
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 632260					
ANGULAR TOL		± 1.0°		DRWN: AKUMAR19		2020/02/06		SFP+ 1X1 CAGE ASSEMBLY WITH SPRING FINGERS AND SOLDER POST LEGS	
4 PLACES		±		CHK'D: GGA		2020/02/28		PRODUCT CUSTOMER DRAWING	
3 PLACES		±		APPR: GGA		2020/02/28		DOCUMENT NUMBER	
2 PLACES		± 0.15		INITIAL REVISION:				DOC TYPE	
1 PLACE		± 0.25		DRWN: BTEJA		2016/02/29		DOC PART	
0 PLACES		±		APPR: RCHEN08		2016/03/08		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						D-SIZE		74754	
						MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		SHEET NUMBER	
								7 OF 7	