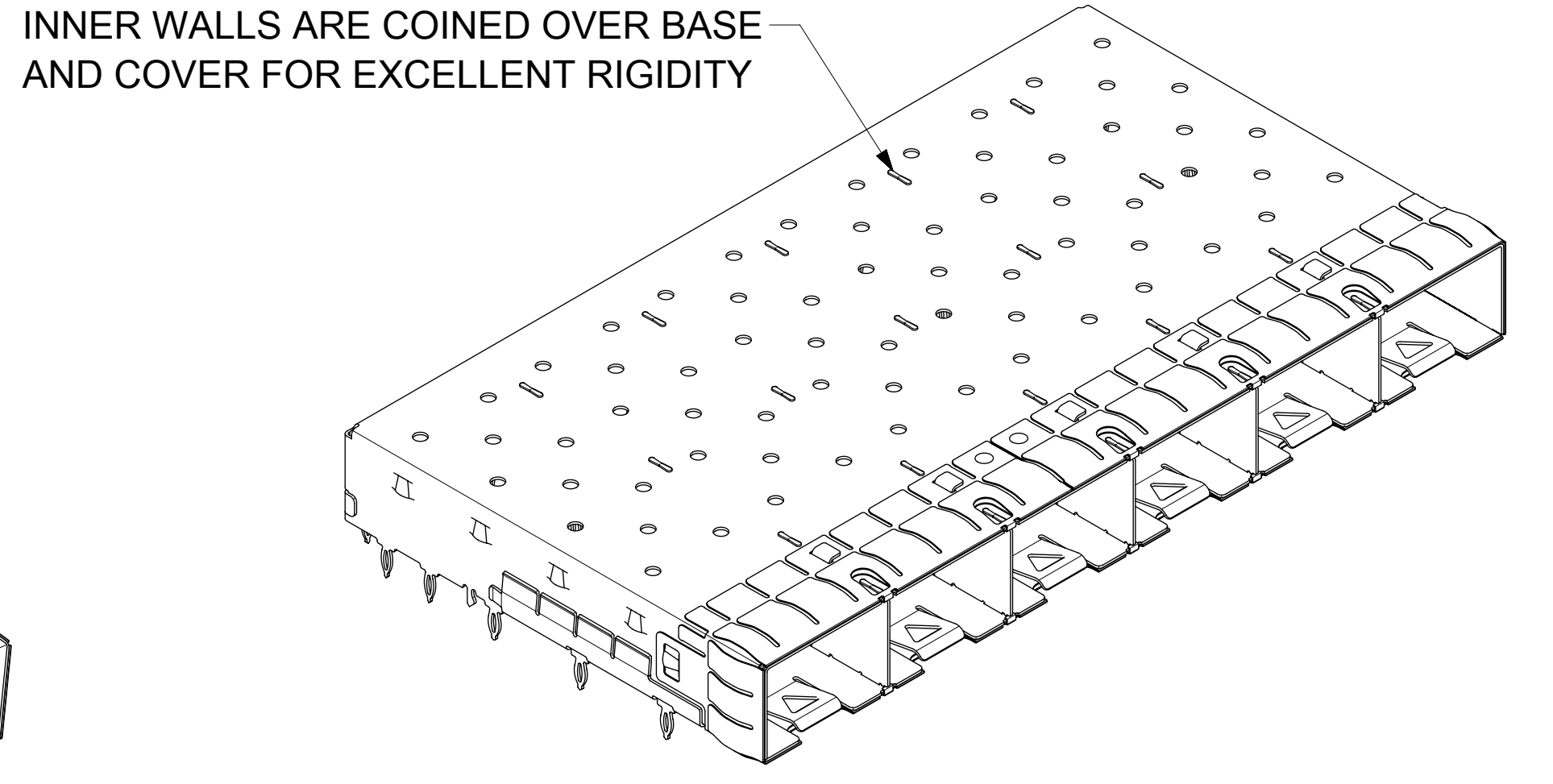
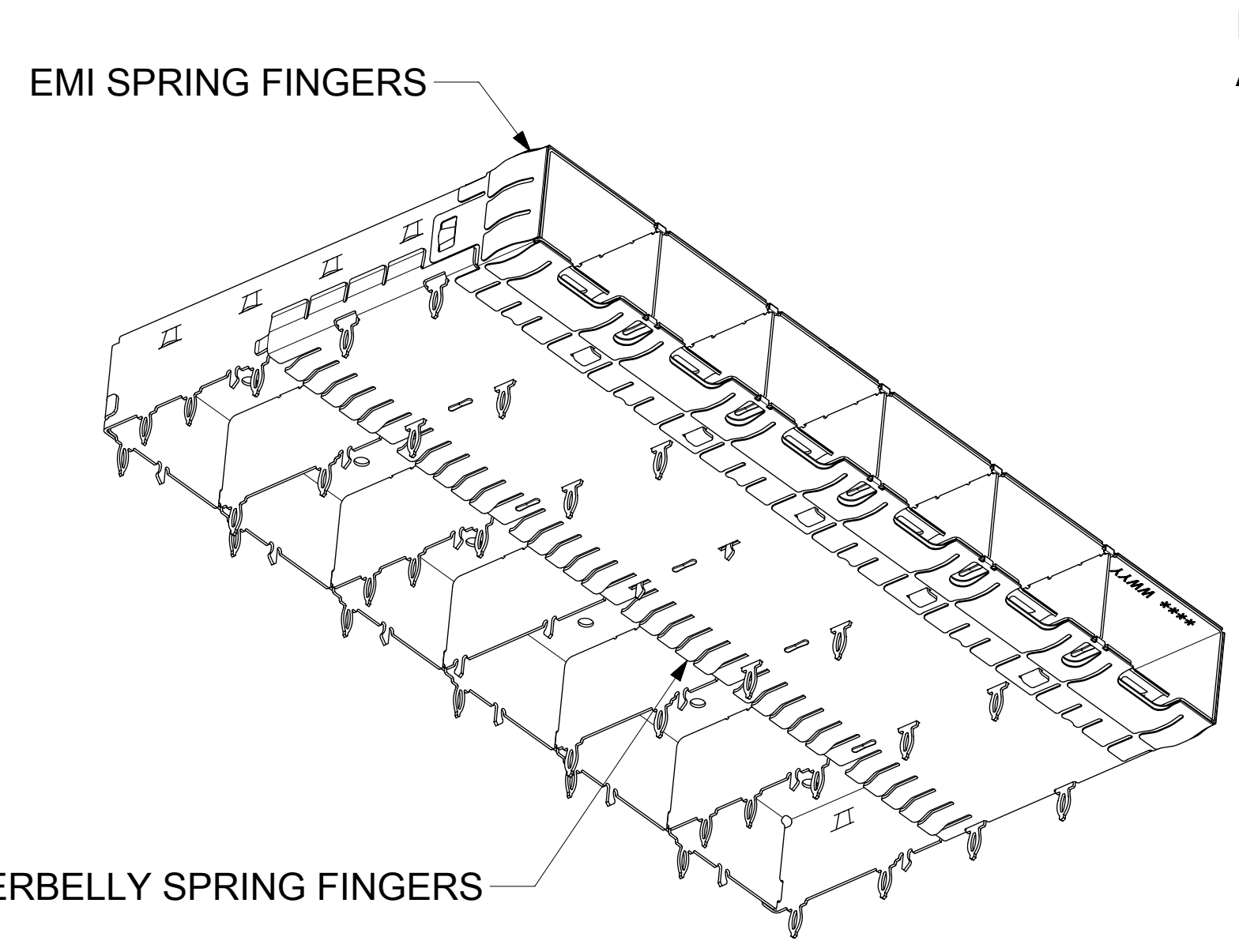
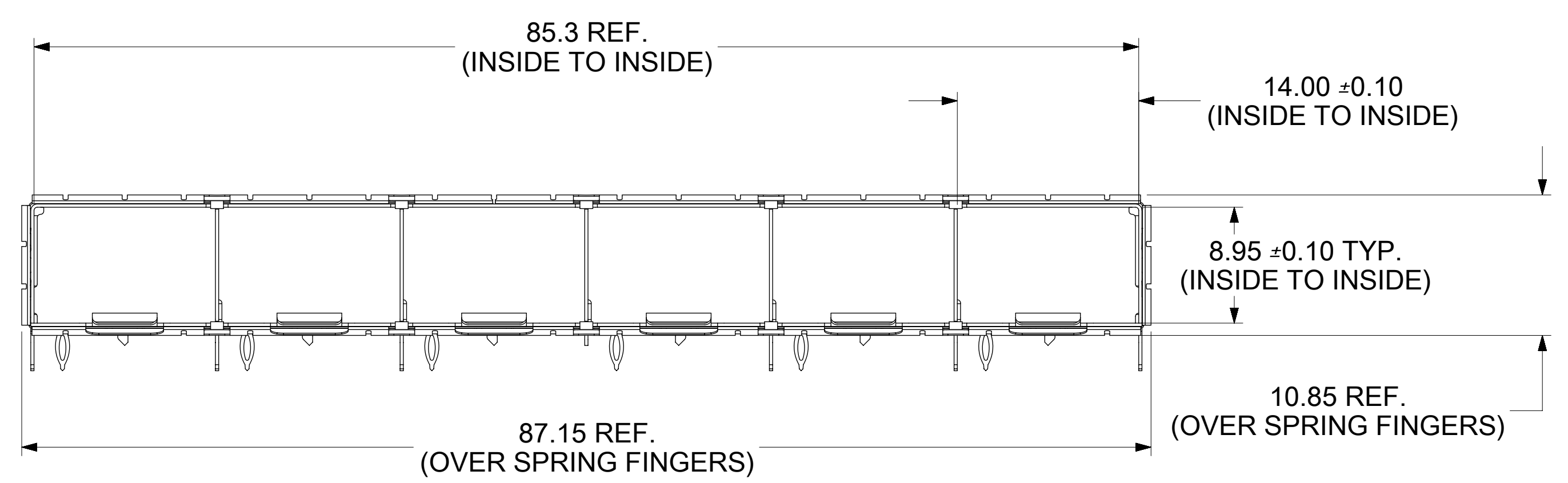
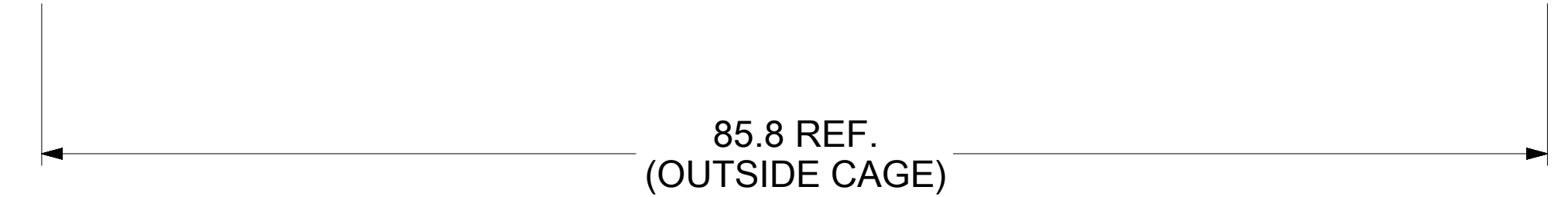
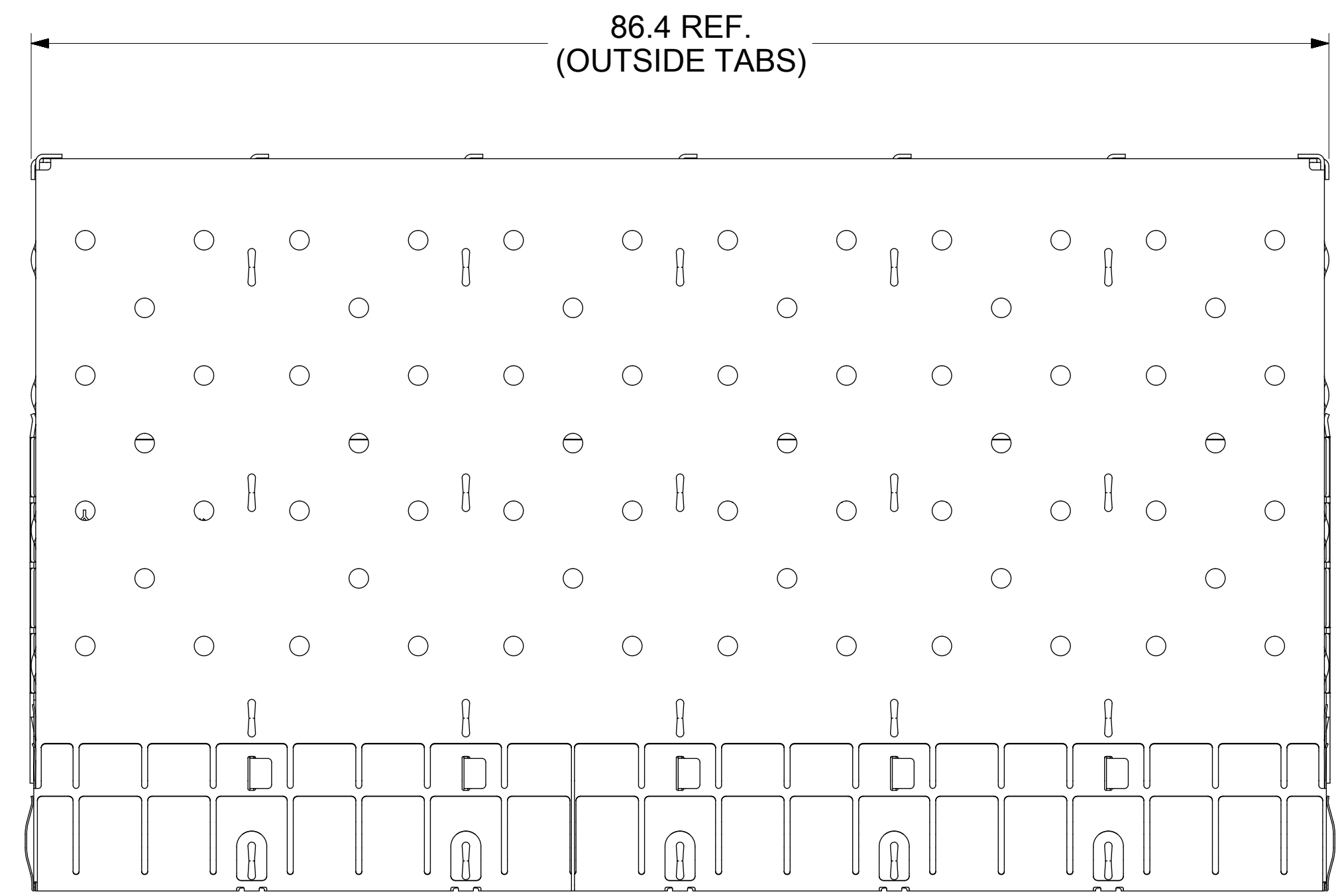
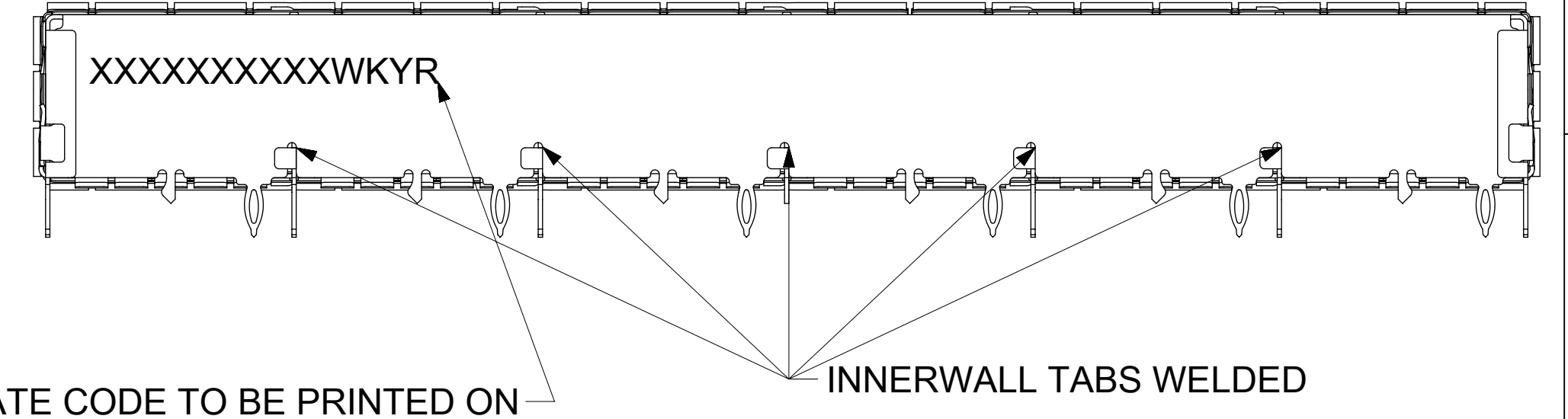
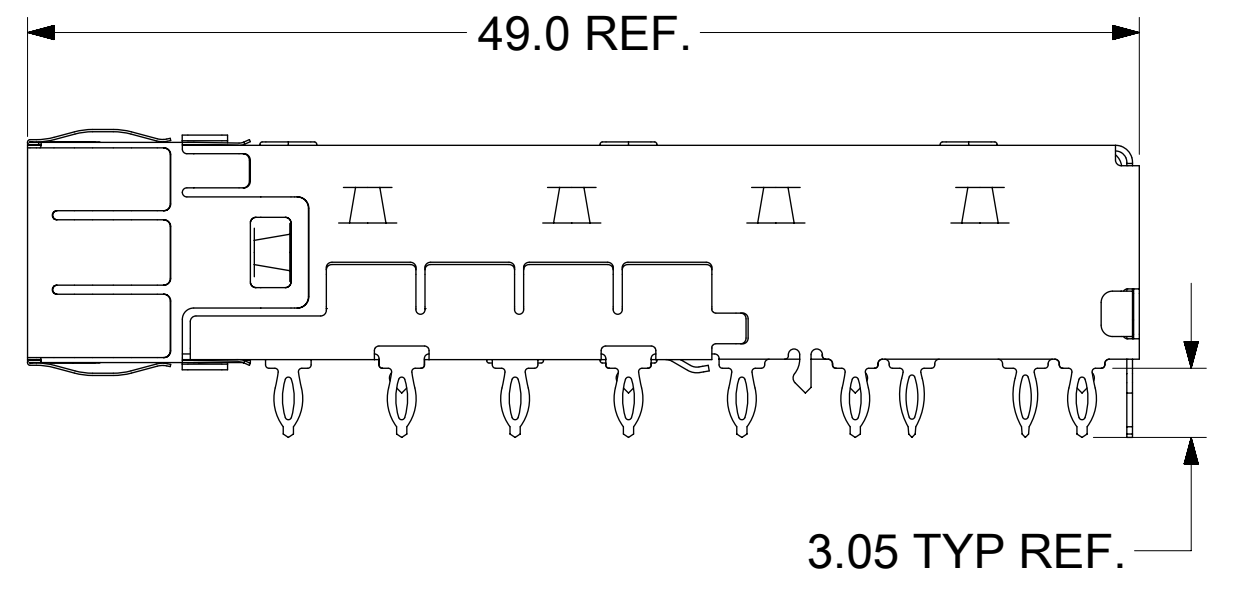


# COMMON DIMENSION

74754-0620  
SHOWN



SFP+ 1X6 CAGES PRESS FIT W/ SPRING FINGERS		
MOLEX P/N	DESCRIPTION	PLATING
747540620	SFP+ 1X6 CAGE PRESS FIT W/2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 μm)
747540622	SFP+ 1X6 CAGE PRESS FIT W/ WELD POINT ON FOUR SIDES	PRE-PLATED: NICKEL (1.27~3.81 μm)
747540627	SFP+ 1X6 CAGE PRESS FIT W/2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 μm) OVER ALL: MAT TIN (2.0 μm Min.)
747540688	SFP+ 1X6 CAGE PRESS FIT W/12 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 μm)



PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF CAGE APPROXIMATE AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

WEEK / YEAR DATE CODE:	
WK	01 THRU 52 OR 53. EXAMPLE: 01 = FIRST WEEK OF YEAR 52 OR 53 = LAST WEEK OF YEAR.
YR	16, 17, 18, EXAMPLE: 2016=16

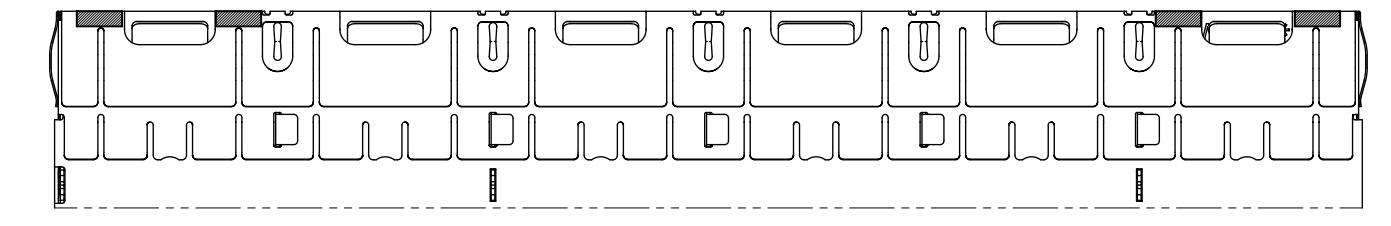
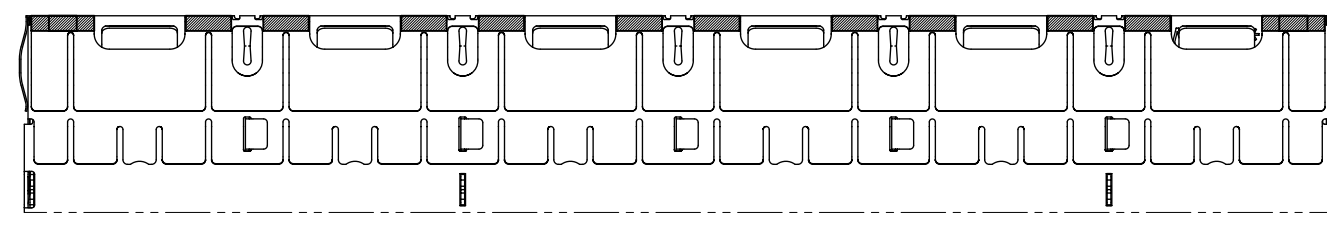
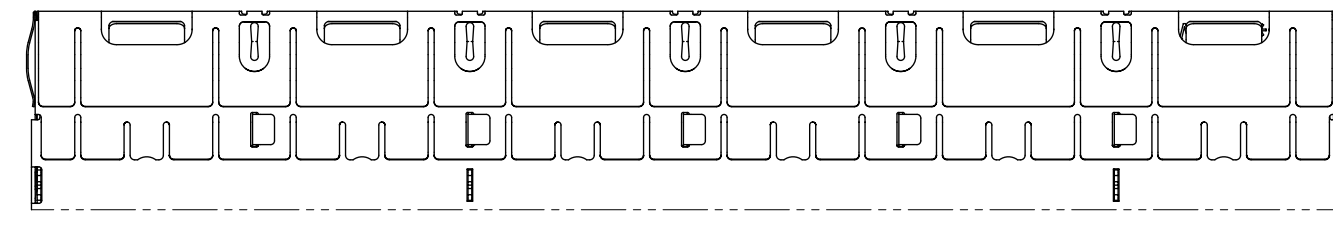
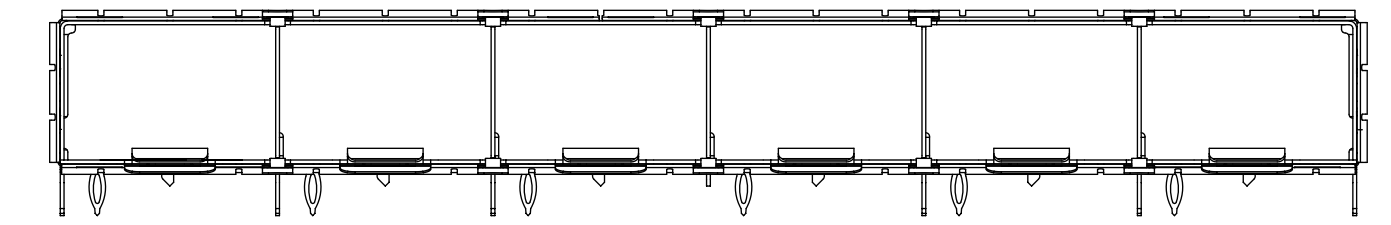
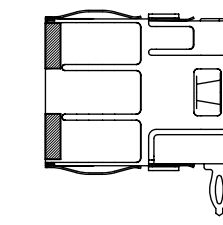
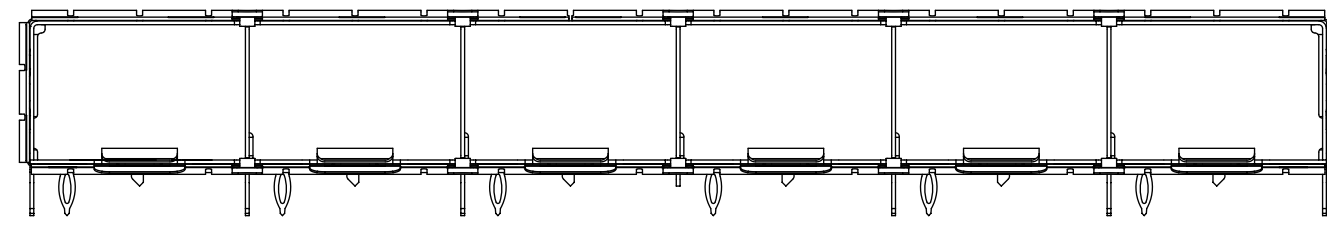
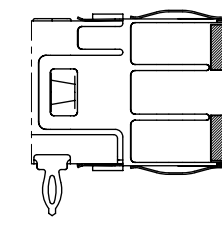
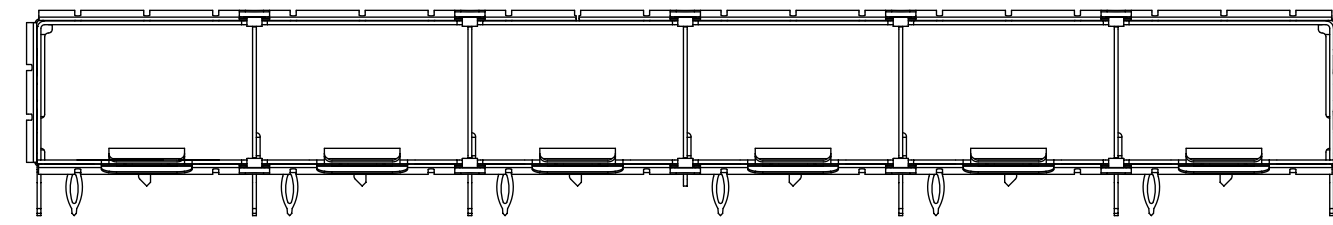
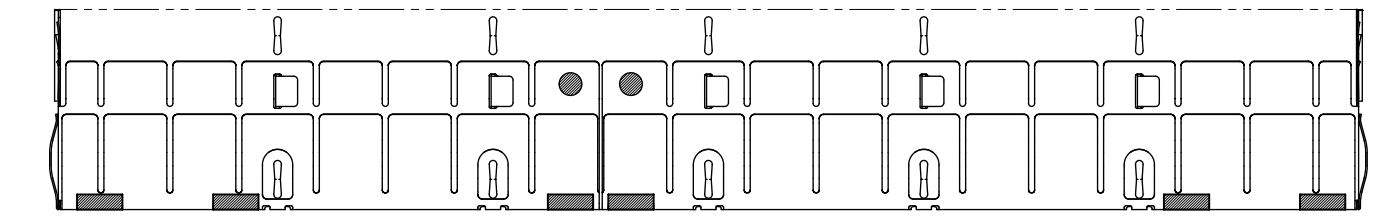
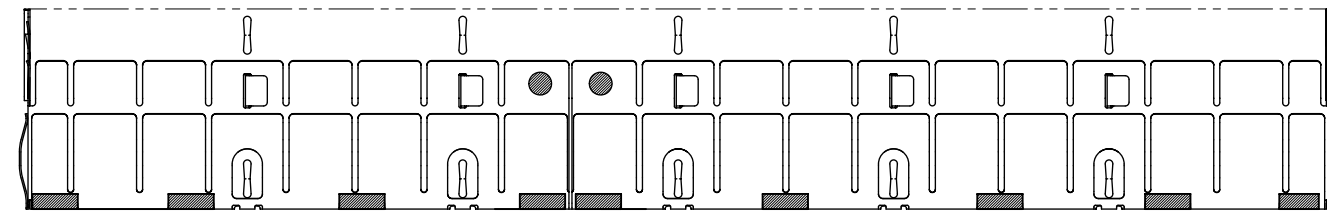
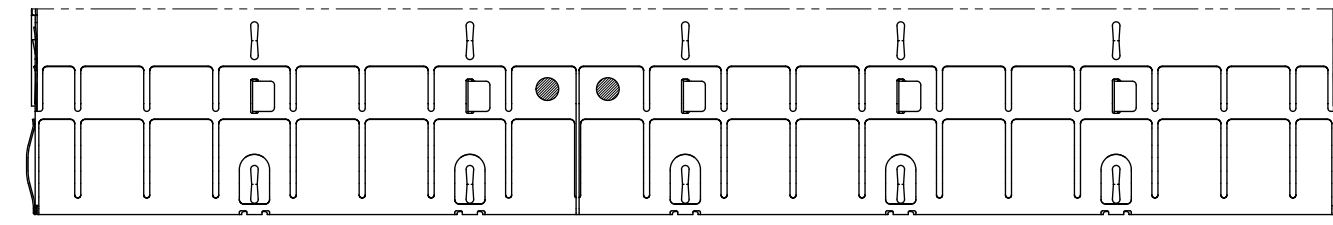
- NOTES:
- MATERIAL:  
CAGE: COPPER ALLOY, THICKNESS 0.25mm.  
SPRING FINGER: NICKEL PLATED COPPER ALLOY, THICKNESS 0.10mm.
  - PRESS FIT LEGS 3.05 LONG -  
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.  
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
  - OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
  - WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION.
  - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS.
  - NO RoHS EXEMPTIONS.

QUALITY SYMBOLS F = 0 E = 0 E = 0 = 0 C = 0 X = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS mm	SCALE 3:1			
	SEE REVISION TABLE EC NO: 103331 DRWN: PKUMARG CHKD: RCHEN08 REV APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 °	DRWN BY PKUMARG	DATE 2016/01/21		SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	
		4 PLACES ± 3 PLACES ± 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES ±	CHKD BY DSUN15	DATE 2016/03/04			PRODUCT CUSTOMER DRAWING
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPR BY RCHEN08	DATE 2016/03/04			
H	DRAWING SIZE D	THIRD ANGLE PROJECTION	MATERIAL NUMBER SEE P/N TABLE	CUSTOMER GENERAL MARKET			
RELEASE STATUS P1		RELEASE DATE 2016/03/04	10:43:47	DOCUMENT NUMBER 747540620	DOC TYPE PSD	DOC PART ASY	SHEET NUMBER 1 OF 6

WELD LOCATION FOR FRONT SPRING FINGER  
FOR 747540620 & 747540627

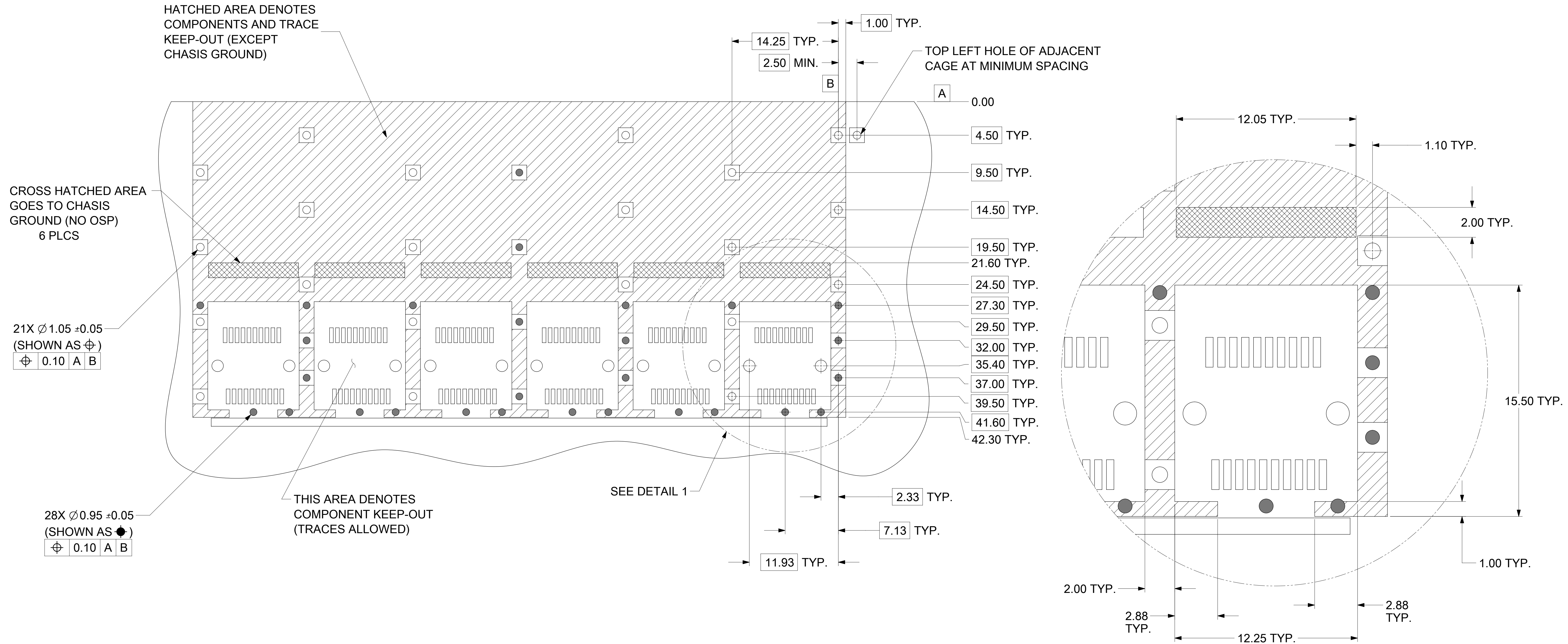
WELD LOCATION FOR FRONT SPRING FINGER  
FOR 747540622

WELD LOCATION FOR FRONT SPRING FINGER  
FOR 747540688



<b>QUALITY SYMBOLS</b> = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	EC NO: 103331 DRWN: PKUMARG CHKD: RCHEN08 REV APPR: RCHEN08		2016/01/21 2016/03/04 2016/03/04		<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> DIMENSION UNITS: mm SCALE: 2:1 ANGULAR TOL ± 1.0 °		DRWN BY: PKUMARG DATE: 2016/01/21		 SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG		PRODUCT CUSTOMER DRAWING	
	4 PLACES ± 3 PLACES ± 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES ±		CHKD BY: DSUN15 DATE: 2016/03/04		APPR BY: RCHEN08 DATE: 2016/03/04		SERIES: 74754 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: D THIRD ANGLE PROJECTION		DOCUMENT NUMBER: 747540620 DOC TYPE: PSD DOC PART: ASY SHEET NUMBER: 2 OF 6							

# PCB LAYOUT FOR SINGLE SIDE MOUNT



CROSS HATCHED AREA GOES TO CHASSIS GROUND (NO OSP) 6 PLCS

21X  $\varnothing 1.05 \pm 0.05$   
(SHOWN AS  $\oplus$ )  
 $\oplus 0.10$  A B

28X  $\varnothing 0.95 \pm 0.05$   
(SHOWN AS  $\bullet$ )  
 $\oplus 0.10$  A B

HATCHED AREA DENOTES COMPONENTS AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL 1

TOP LEFT HOLE OF ADJACENT CAGE AT MINIMUM SPACING

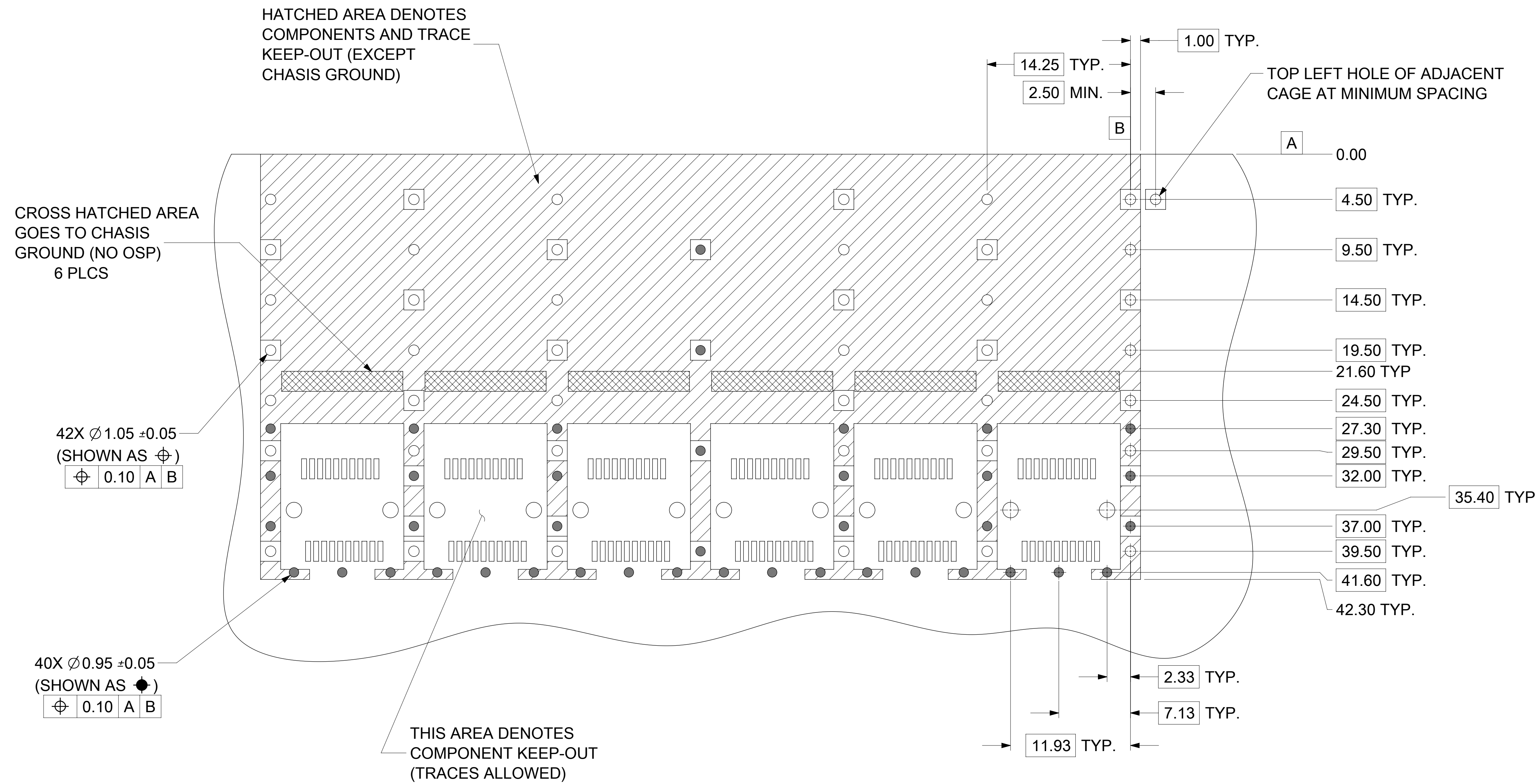
DETAIL 1  
SCALE 8:1  
HOST CONNECTOR DETAIL

**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 ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS	F = 0 E = 0 D = 0 C = 0 B = 0 A = 0 H = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
		ANGULAR TOL $\pm 1.0^\circ$		mm	4:1						
SEE REVISION TABLE		DRWN BY: PKUMARG		DATE: 2016/01/21		SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG					
EC NO: 103331		CHKD BY: RCHEN08		DATE: 2016/03/04							
DRWN: PKUMARG		CHKD: RCHEN08		APPR BY: RCHEN08		PRODUCT CUSTOMER DRAWING					
REV: APPR: RCHEN08		REV: APPR: RCHEN08		DATE: 2016/03/04							
SERIES: 74754		MATERIAL NUMBER: 747540620		DRAWING SIZE: D		THIRD ANGLE PROJECTION		CUSTOMER: GENERAL MARKET			
DOCUMENT NUMBER: 747540620		DOC TYPE: PSD		DOC PART: ASY		SHEET NUMBER: 3 OF 6					

# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



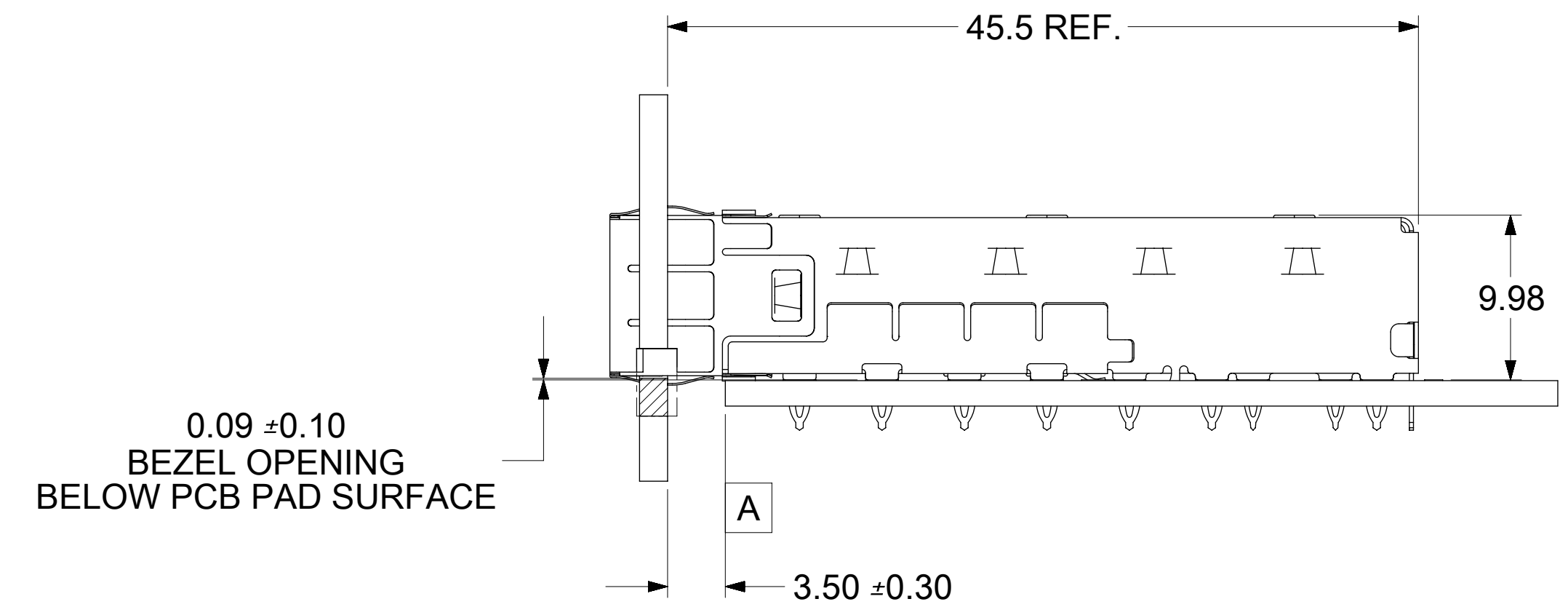
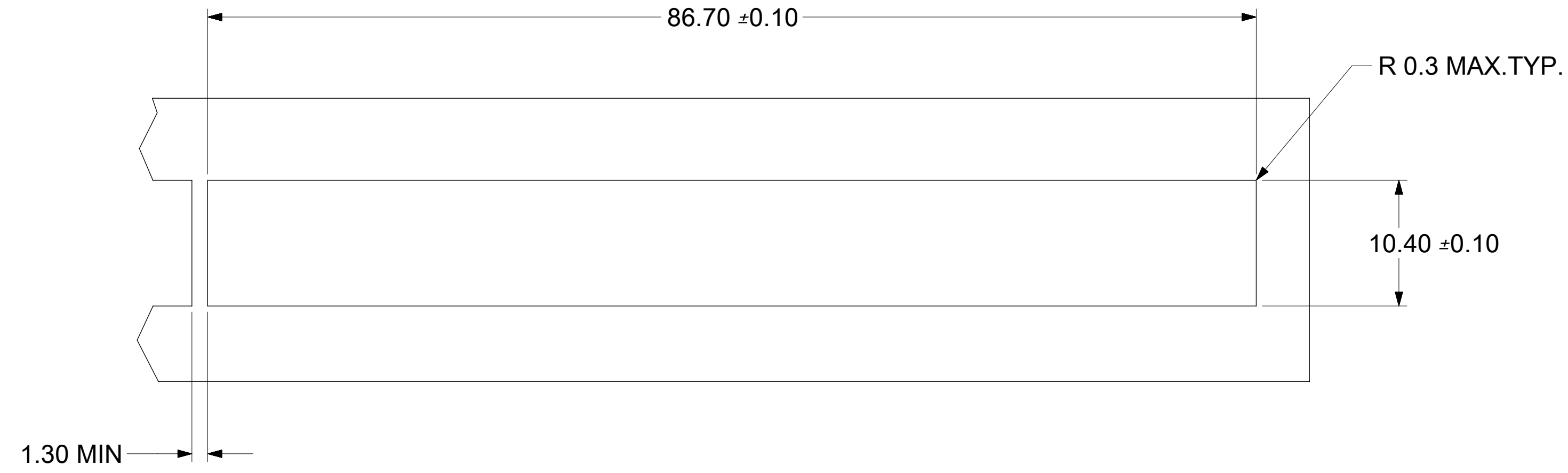
**NOTE:**  
SEE SHEET 3 FOR  
HOST CONNECTOR DETAIL

**NOTES:**

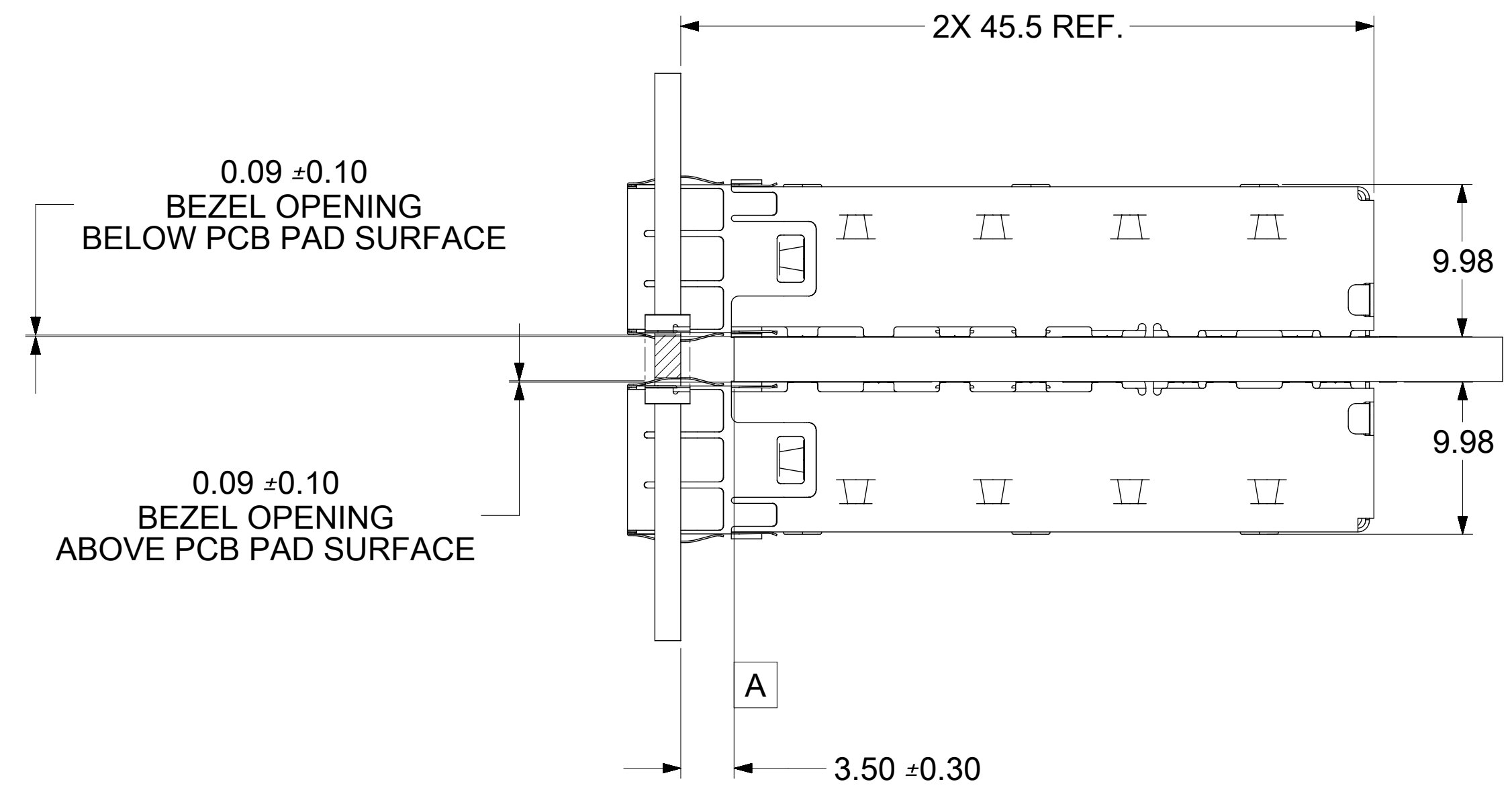
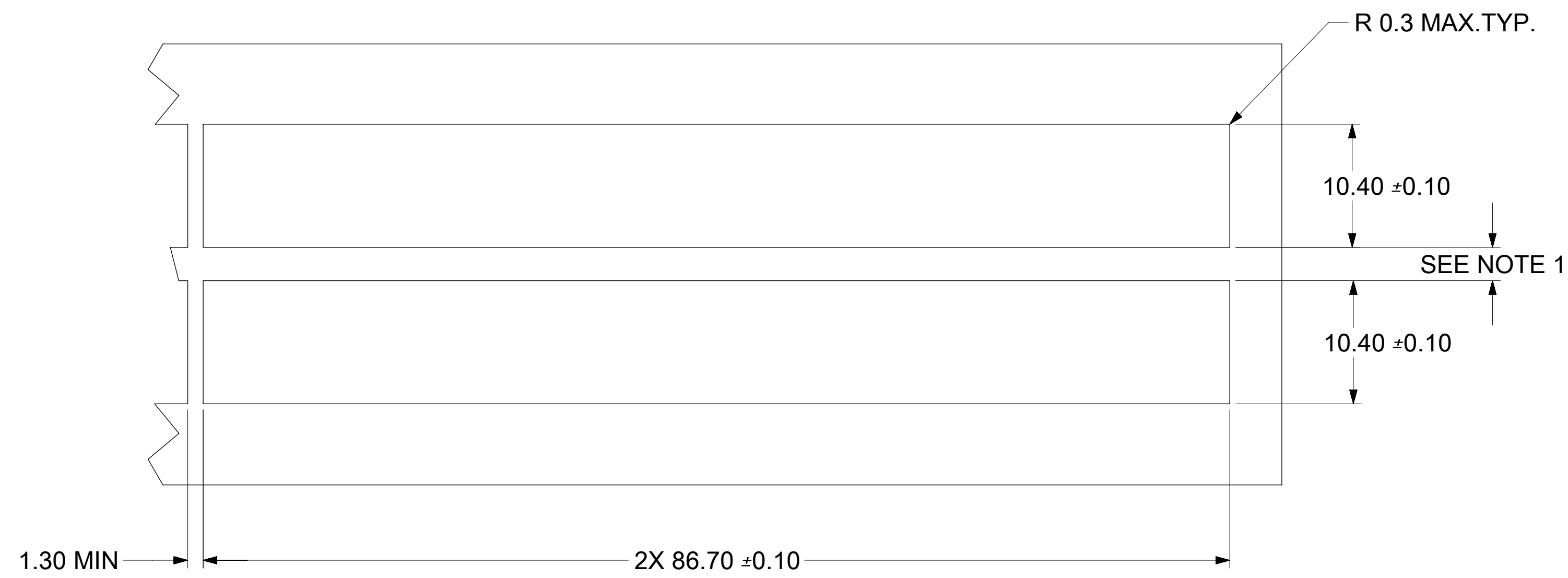
1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION. (GOLD, SILVER, OR TIN.)
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
▽ = 0	▽ = 0	SEE REVISION TABLE	2016/01/21	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
▽ = 0	▽ = 0		2016/03/04	ANGULAR TOL ± 1.0 °		mm	4:1				
▽ = 0	▽ = 0		2016/03/04	4 PLACES ±		DRWN BY	DATE				
▽ = 0	▽ = 0		2016/03/04	3 PLACES ±		PKUMARG	2016/01/21	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG			
▽ = 0	▽ = 0		2016/03/04	2 PLACES ± 0.15		CHKD BY	DATE				
▽ = 0	▽ = 0		2016/03/04	1 PLACE ± 0.25		DSUN15		PRODUCT CUSTOMER DRAWING			
▽ = 0	▽ = 0	2016/03/04	0 PLACES ±		APPR BY	DATE					
▽ = 0	▽ = 0	2016/03/04	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		RCHEN08	2016/03/04	SERIES	MATERIAL NUMBER	CUSTOMER	GENERAL MARKET	
▽ = 0	▽ = 0	2016/03/04	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	74754	SEE P/N TABLE	4 OF 6		
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▽ = 0	▽ = 0	2016/03/04	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				747540620	PSD	ASY	4	

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



# BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING (SPRING FINGER)

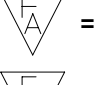

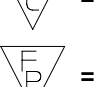
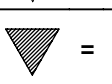
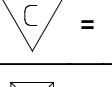

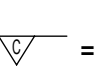

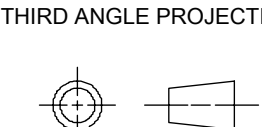


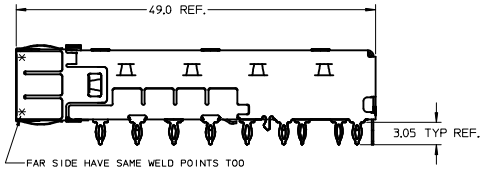
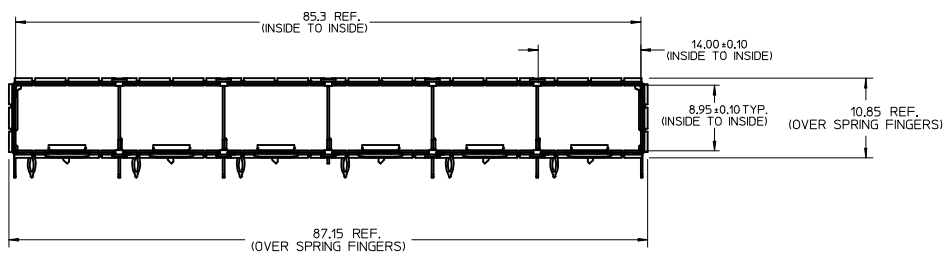
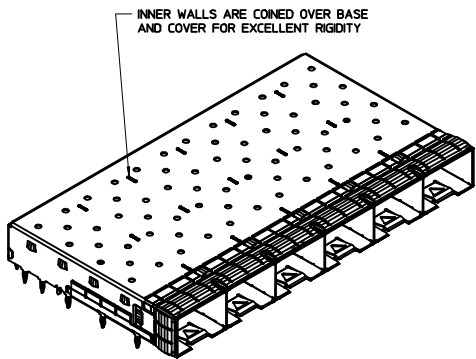
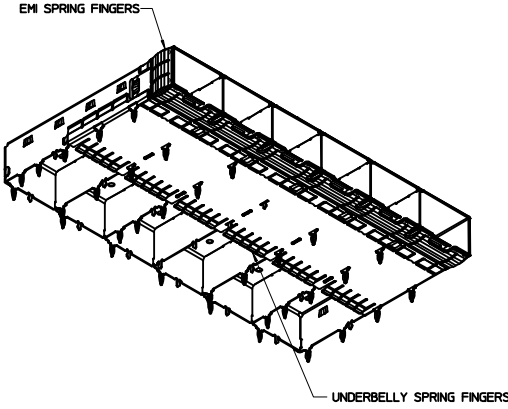
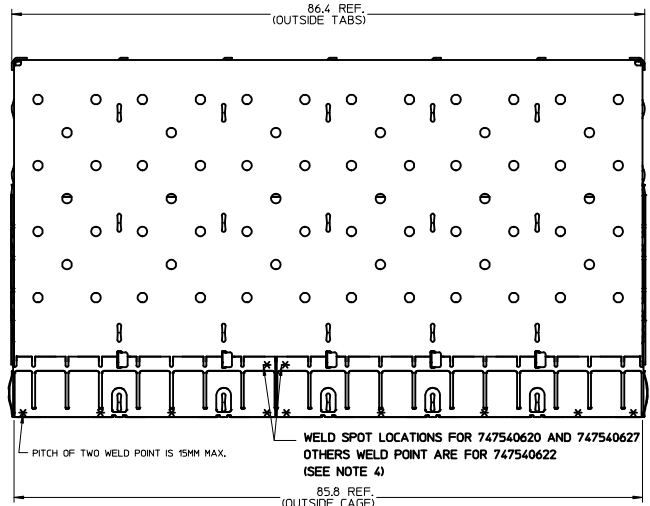
NOTE:

1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING, SIZE, AND LOCATION.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS	F = 0 E = 0 D = 0 C = 0 B = 0 A = 0	EC NO: 103331 DRWN: PKUMARG CHKD: RCHEN08 REV APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 3:1		DRWN BY: PKUMARG DATE: 2016/01/21						
			ANGULAR TOL ± 1.0 °		CHKD BY: DSUN15 DATE: 2016/03/04						
SEE REVISION TABLE		4 PLACES ± 3 PLACES ± 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES ±		APPR BY: RCHEN08 DATE: 2016/03/04		PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: D		THIRD ANGLE PROJECTION		SERIES: 74754 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET		DOCUMENT NUMBER: 747540620 DOC TYPE: PSD DOC PART: ASY SHEET NUMBER: 5 OF 6			

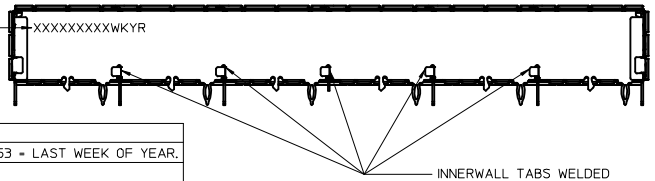
DATE	REV	DESCRIPTION
2009/04/13	C	INITIAL RELEASE
2012/10/29	D	1. ADDED P/N 747540622 AND 747540627. [SHT 1]
2012/12/21	E	1. ADDED 747540627 TO WELD LOCATION CALLOUT. [SHT 1] 2. REMOVED TYP. FROM DIM 85.3. [SHT 1] 3. ADDED "MM 3D MODEL: EM-74754-0620-ASSY" MODEL NAME ON LEF TOP CORNER. [SHT 1] 4. CHANGED NOTE 6 AS "NO RoHS EXEMPTIONS". [SHT 1] 5. ADDED BACK VIEW FOR DATE CODE INFORMATION. [SHT 1] 6. ADDED REF TO DIM 86.4, 85.8, 85.3, 49.0, AND 3.05 [SHT 1] 7. REMOVED "WELDED REAR TABS (X5)". [SHT 1] 8. CHANGED "14.25 TYP" & "2.5 MIN" TO A BASIC DIMENSION. [SHT 2 & 3] 9. FILLED IN HOLES IN DETAIL 1. [SHT 2] 10. REMOVED INCH DIMS. [SHT 2 & 3] 11. REMOVED "(SEE NOTE 1)" X4. [SHT 4] 12. CHANGED "BELOW" TO "ABOVE" IN BOTTOM 0.09±0.10 DIM. [SHT 4]
2014/09/11	F	1. ADDED 74754-0627 PLATING SPEC. INTO TABLE. [SHT 1]
2015/07/27	G	"MODIFIED PCB LAYOUT PER SFF-8433" SHEET 2: @H19 : ADDED TOL OF ±0.05 TO DIM Ø1.05 @H19 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1 @E19 : ADDED TOL OF ±0.05 TO DIM Ø0.95 @E19 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1 SHEET 3: @H18 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1 @E18 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1
2016/01/20	H	REMASTERED FROM EM-74754-0620-ASSY 'G' TO 747540620 PSD REV 'H' IN NX. SHEET 1: J11: ADDED TEXT "COMMON DIMENSIONS 747540620 SHOWN". REMOVED WELD LOCATION AND WELD RELATED TEXT FROM ALL THE VIEWS. A19: ADDED P/N 747540688 TO PART NUMBER TABLE. SHEET 2: ADDED A SHEET TO SHOW FRONT SPRING FINGER WELDING LOCATION FOR P/N 747540620,747540622,747540627 & 747540688.

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
 = 0	SEE REVISION TABLE EC NO: 103331 DRWN: PKUMARG CHKD: RCHEN08 REV APPR: RCHEN08	2016/01/21 2016/03/04 2016/03/04	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	 SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG						
 = 0			ANGULAR TOL ± 1.0 °		mm	3:1							
 = 0			4 PLACES ±	DRWN BY DATE		PKUMARG 2016/01/21		PRODUCT CUSTOMER DRAWING					
 = 0			3 PLACES ±	CHKD BY DATE		DSUN15							
 = 0			2 PLACES ± 0.15	APPR BY DATE		RCHEN08 2016/03/04		SERIES	MATERIAL NUMBER	CUSTOMER			
 = 0			1 PLACE ± 0.25	DRAWING SIZE				THIRD ANGLE PROJECTION		74754	SEE P/N TABLE	GENERAL MARKET	
 = 0			0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				D		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
= 0									747540620	PSD	ASY	6 OF 6	



- NOTES:**
- MATERIAL:**  
CAGE: COPPER ALLOY, THICKNESS 0.25mm.  
SPRING FINGER: NICKEL PLATED COPPER ALLOY, THICKNESS 0.10mm.
  - PRESS FIT LEGS 3.05 LONG -  
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.  
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
  - OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
  - WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION.
  - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS.
  - NO RoHS EXEMPTIONS.

PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF CAGE APPROXIMATE AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

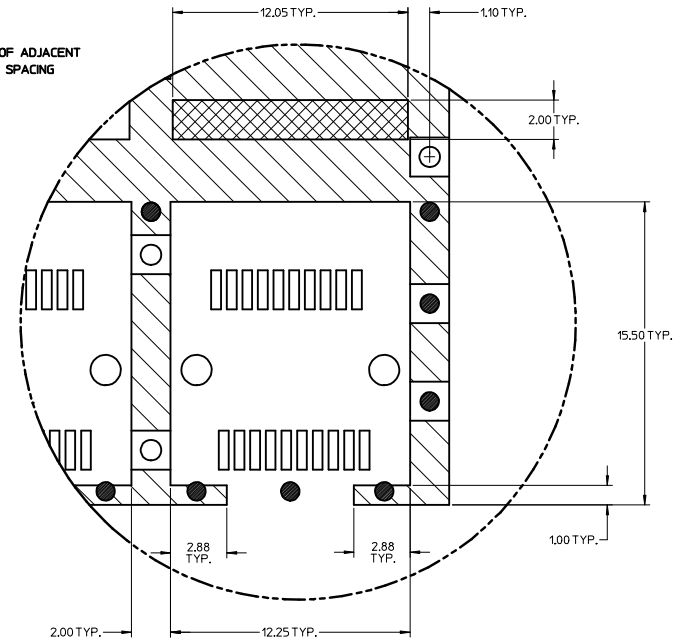
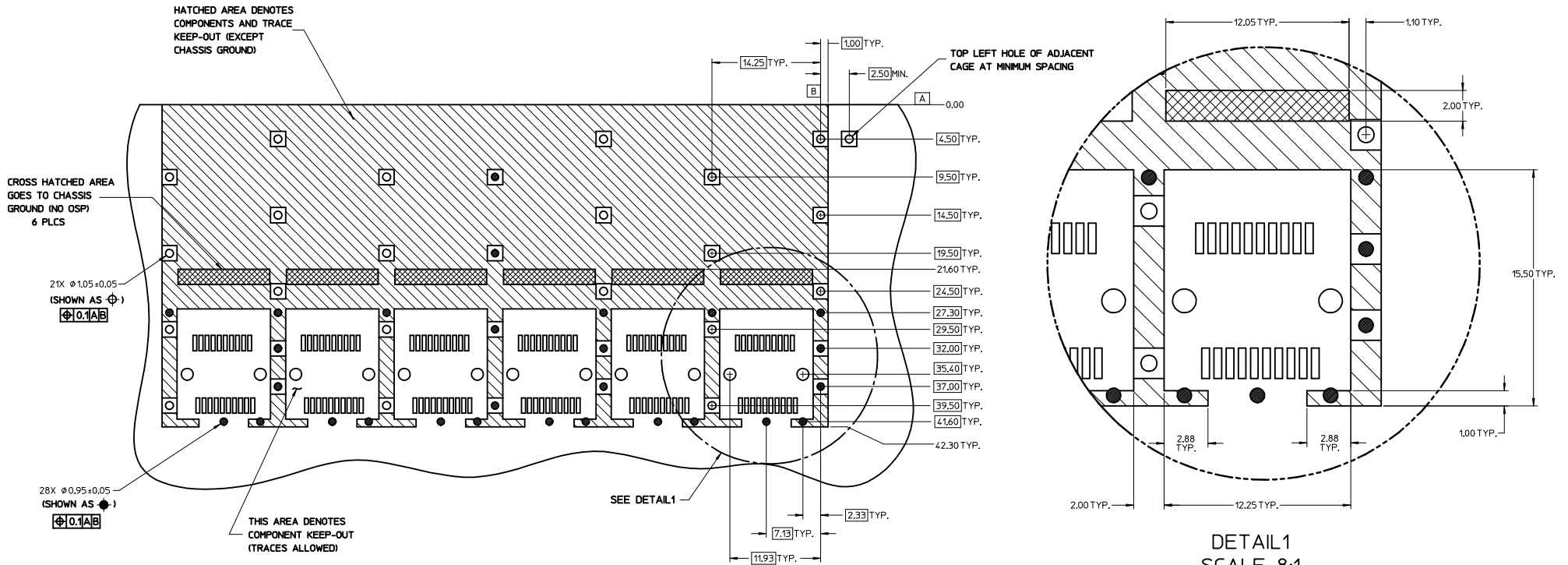


WEEK / YEAR DATE CODE:	
WK	01 THRU 52 OR 53, EXAMPLE: 01 = FIRST WEEK OF YEAR 52 OR 53 = LAST WEEK OF YEAR.
YR	12, 13, 14, EXAMPLE: 2014+14

SFP+ 1X6 CAGES PRESS FIT W/ SPRING FINGERS		
MOLEX P/N	DESCRIPTION	PLATING
747540620	SFP+ 1X6 CAGE PRESS FIT W/2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27-3.81 μm)
747540622	SFP+ 1X6 CAGE PRESS FIT W/ WELD POINT ON FOUR SIDES	PRE-PLATED: NICKEL (1.27-3.81 μm)
747540627	SFP+ 1X6 CAGE PRESS FIT W/2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27-3.81 μm) OVER ALL: MAT TIN (2.0 μm Min.)

<b>SEE REVISION TABLE</b> EC NO: CP-02016-0444 DRAWN: PGSHETTY 2015/07/28 CHKD: APPR: RCHENOB 2015/07/31	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.15	±---	1 PLACE	±0.25	±---	0 PLACE	±	±	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	±---	±---																					
	3 PLACES	±---	±---																					
2 PLACES	±0.15	±---																						
1 PLACE	±0.25	±---																						
0 PLACE	±	±																						
DRAWN BY: KLOYD CHECKED BY: MA JOHNSTON APPROVED BY: RMAHMOOD	DATE: 2007/09/07 DATE: 2007/09/07 DATE: 2007/09/07	MATERIAL NO. SEE P/N TABLE	DOCUMENT NO. SD-74754-0620	TITLE SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	SHEET NO. 1 OF 5	molex																		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								
SIZE D																								

# PCB LAYOUT FOR SINGLE SIDE MOUNT



DETAIL1  
SCALE 8:1  
HOST CONNECTOR DETAIL

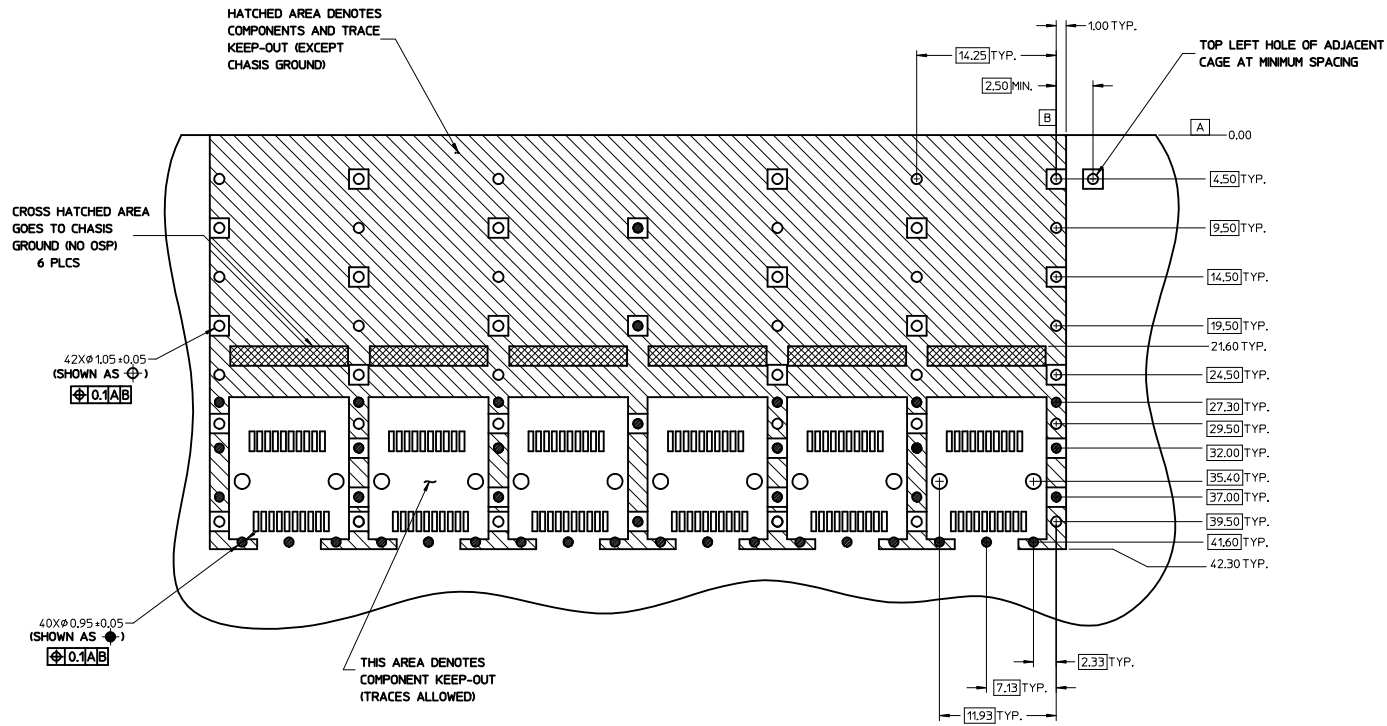
**NOTES:**

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.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

<b>SEE REVISION TABLE</b> EC NO: CPG2016-0444 DRAWN BY: KLOYD CHKD: MAJOHNSTON APPR: RCHENOB DATE: 2015/07/28 DATE: 2015/07/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	MM ONLY	1:1	METRIC	⊕
	▽=0	INCH	4 PLACES ± --- ± ---	DRAWN BY: KLOYD	DATE: 2015/07/28	TITLE: SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG
	▽=0	ANGULAR ± 1 °	3 PLACES ± --- ± ---	CHECKED BY: MAJOHNSTON	DATE: 2015/07/28	DATE: 2015/07/28
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1 PLACE ± 0.25 ± ---	APPROVED BY: RMAHMOOD	DATE: 2015/07/31	
			0 PLACE ± ±	MATERIAL NO. SEE P/N TABLE	DOCUMENT NO. SD-74754-0620	SHEET NO. 2 OF 5
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



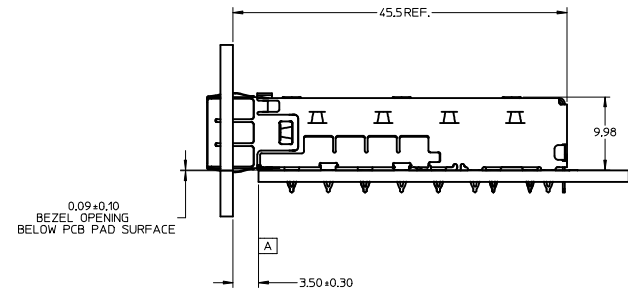
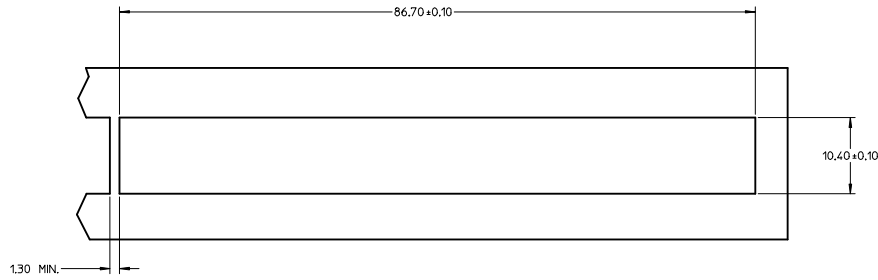
NOTE:  
SEE SHEET 2 FOR  
HOST CONNECTOR DETAIL

**NOTES:**

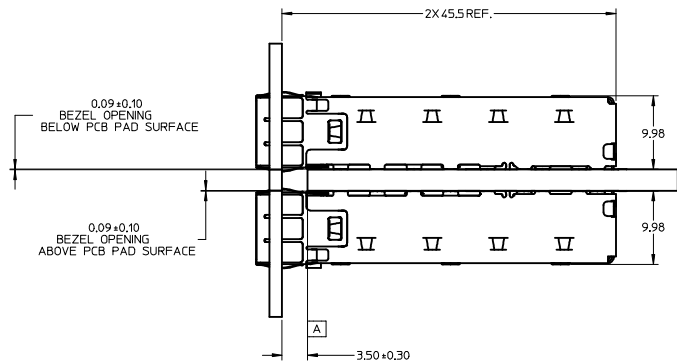
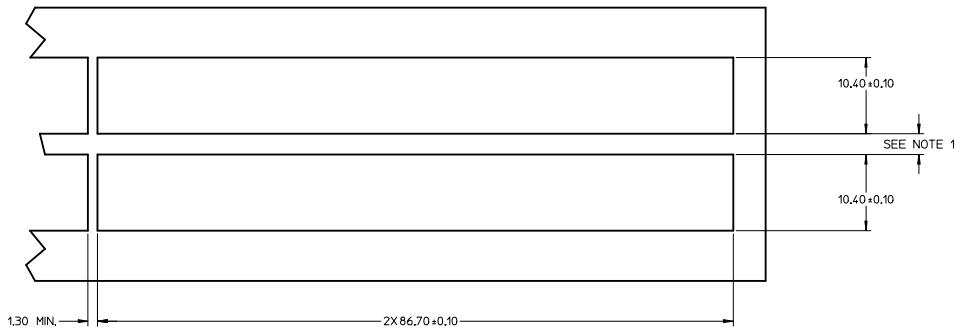
1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.

<b>SEE REVISION TABLE</b> EC NO: CPG2016-0444 DRAWN BY: DRWNSHETTY 2015/07/28 CHKD: CHYD APPROV: CHEN08 2015/07/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	1:1	METRIC	☉
	▽=0	3 PLACES ± mm ± INCH	DRAWN BY: KILLOYD DATE: 2007/09/07			
	▽=0	2 PLACES ± 0.15 ± 0.25 ± mm ± INCH	CHECKED BY: MA JOHNSTON DATE: 2007/09/07			
		ANGULAR ± 1 °	APPROVED BY: RMAHMOOD DATE: 2007/09/07			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	TITLE	
			SEE P/N TABLE	SD-74754-0620	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	
			SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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.

<b>SEE REVISION TABLE</b> EC NO: CP/G2016-0444 DRAWN BY: DRWINPOSHETTY CHKD: APPR: RCHEN08 DATE: 2015/07/28 REV: 2015/07/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± 0.15	MM ONLY	1:1	METRIC	☉
	▽=0	3 PLACES ± 0.25	ANGULAR ± 1°			
	▽=0	2 PLACES ± 0.30	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE P/N TABLE		
			MATERIAL NO.	DOCUMENT NO.	TITLE	
				SD-74754-0620	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	
					SHEET NO. 4 OF 5	

REVISION HISTORY		
REV	DATE	
C	2009/04/13	INITIAL RELEASE
D	2012/10/29	1. ADDED P/N 747540622 AND 747540627. [SHT 1]
E	2012/12/21	1. ADDED 747540627 TO WELD LOCATION CALLOUT. [SHT 1] 2. REMOVED TYP. FROM DIM 85.3. [SHT 1] 3. ADDED "MM 3D MODEL: EM-74754-0620-ASSY" MODEL NAME ON LEF TOP CORNER. [SHT 1] 4. CHANGED NOTE 6 AS "NO RoHS EXEMPTIONS". [SHT 1] 5. ADDED BACK VIEW FOR DATE CODE INFORMATION. [SHT 1] 6. ADDED REF TO DIM 86.4, 85.8, 85.3, 49.0, AND 3.05 [SHT 1] 7. REMOVED "WELDED REAR TABS (X5)". [SHT 1] 8. CHANGED "14.25 TYP" & "2.5 MIN" TO A BASIC DIMENSION. [SHT 2 & 3] 9. FILLED IN HOLES IN DETAIL 1. [SHT 2] 10. REMOVED INCH DIMS. [SHT 2 & 3] 11. REMOVED "(SEE NOTE 1)" X4. [SHT 4] 12. CHANGED "BELOW" TO "ABOVE" IN BOTTOM 0.09±0.10 DIM. [SHT 4]
F	2014/09/11	1. ADDED 74754-0627 PLATING SPEC. INTO TABLE. [SHT 1]
G	2015/07/27	"MODIFIED PCB LAYOUT PER SFF-8433" SHEET 2: @H19 : ADDED TOL OF ±0.05 TO DIM Ø1.05 @H19 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1 @E19 : ADDED TOL OF ±0.05 TO DIM Ø0.95 @E19 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1 SHEET 3: @H18 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1 @E18 : CHANGED TRUE POSITION OF PCB HOLES FROM 0.05 TO 0.1

SEE REVISION TABLE IEC NO: CPG2016-0444 DRAWN BY: G. DRUMMOND CHECKED BY: CHYK APPR: RCHEN08 DATE: 2015/07/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	3:1	METRIC	☉
	▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DRAWN BY: K LLOYD DATE: 2007/09/07 CHECKED BY: MA JOHNSTON DATE: 2007/09/07 APPROVED BY: RMAHMOOD DATE: 2007/09/07	TITLE	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	
	▽=0	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE P/N TABLE SIZE D	DOCUMENT NO. SD-74754-0620	SHEET NO. 5 OF 5	