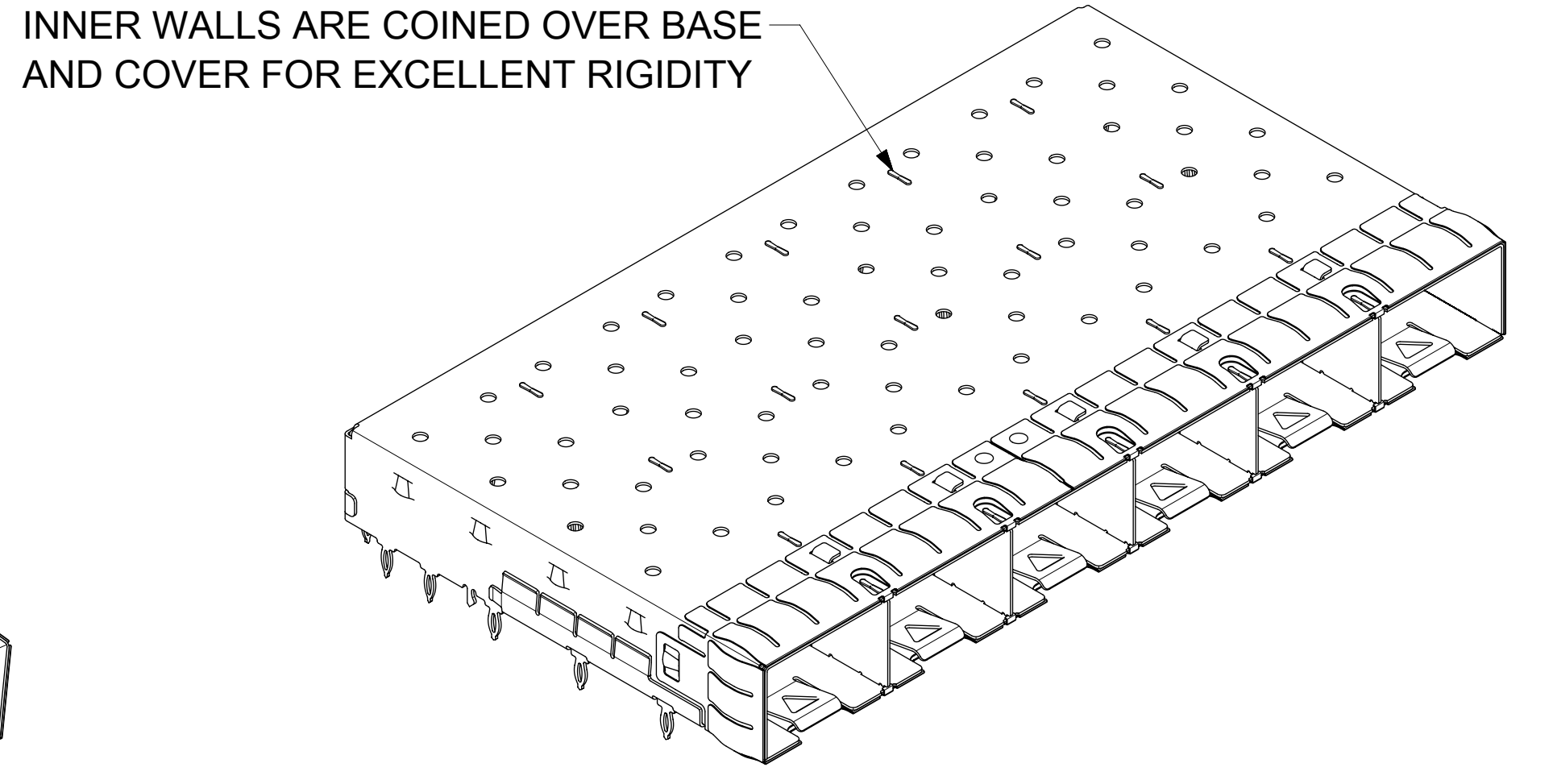
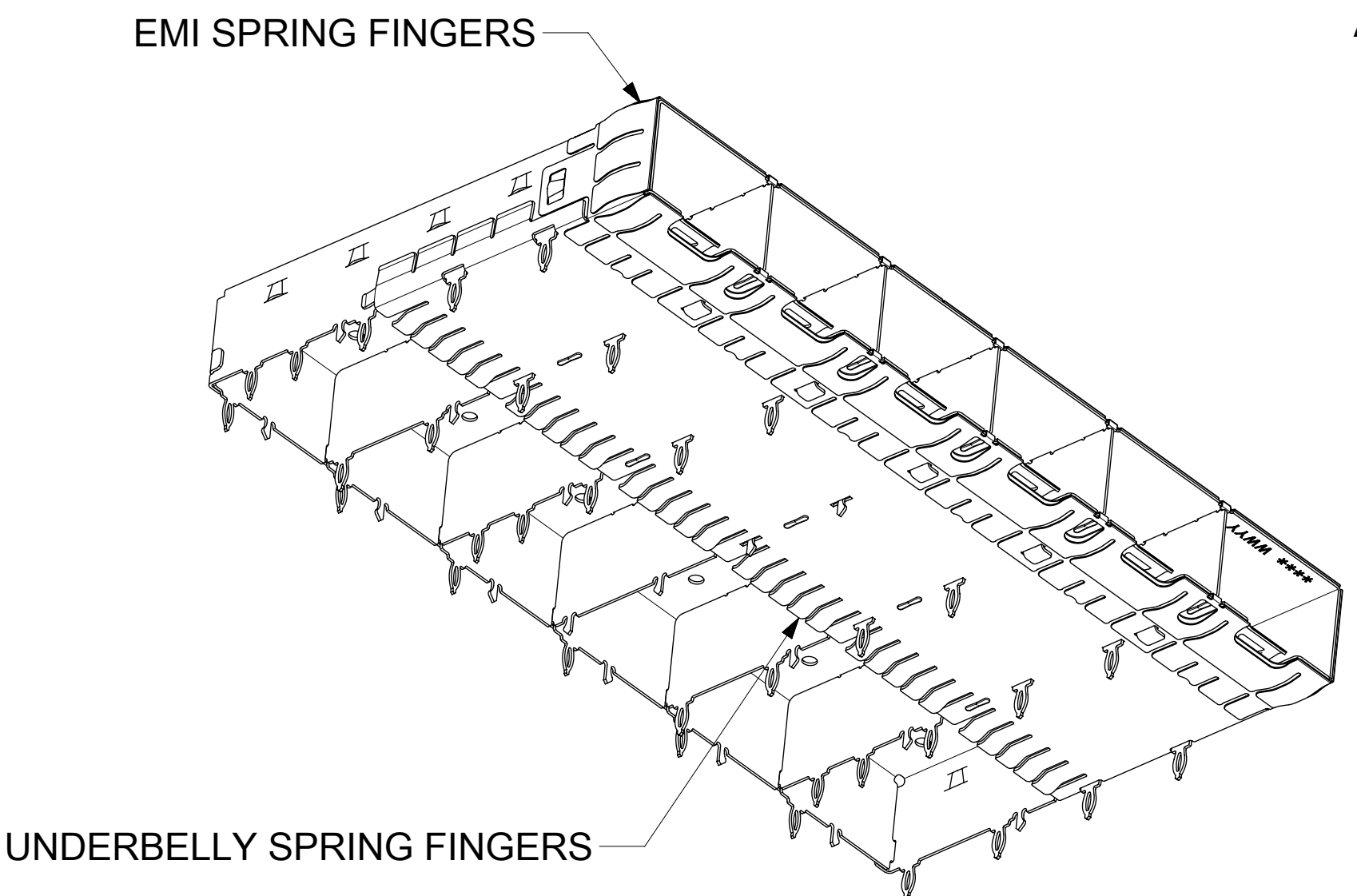
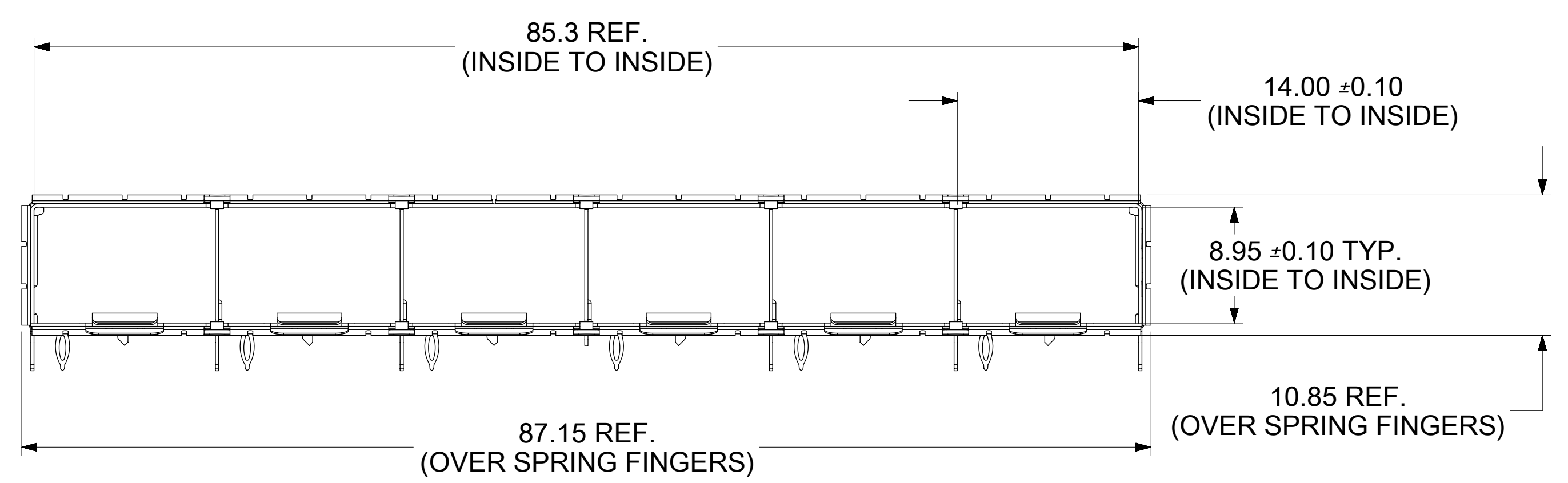
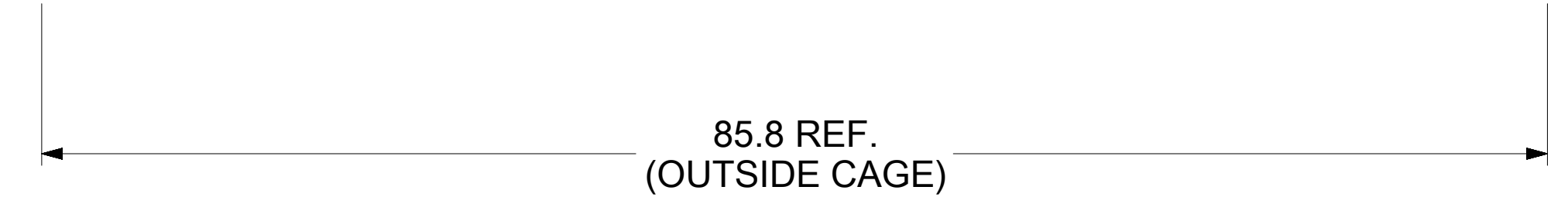
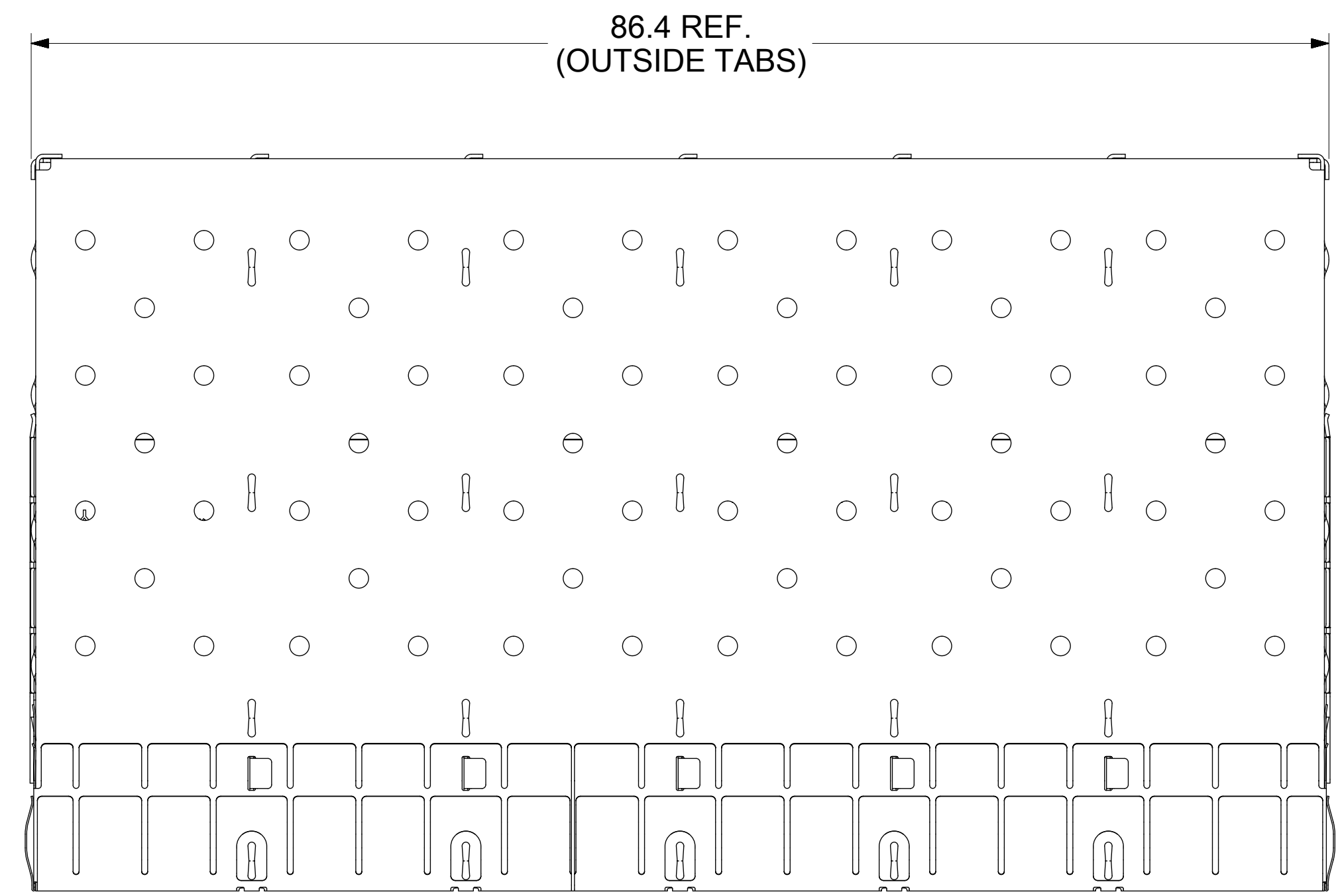
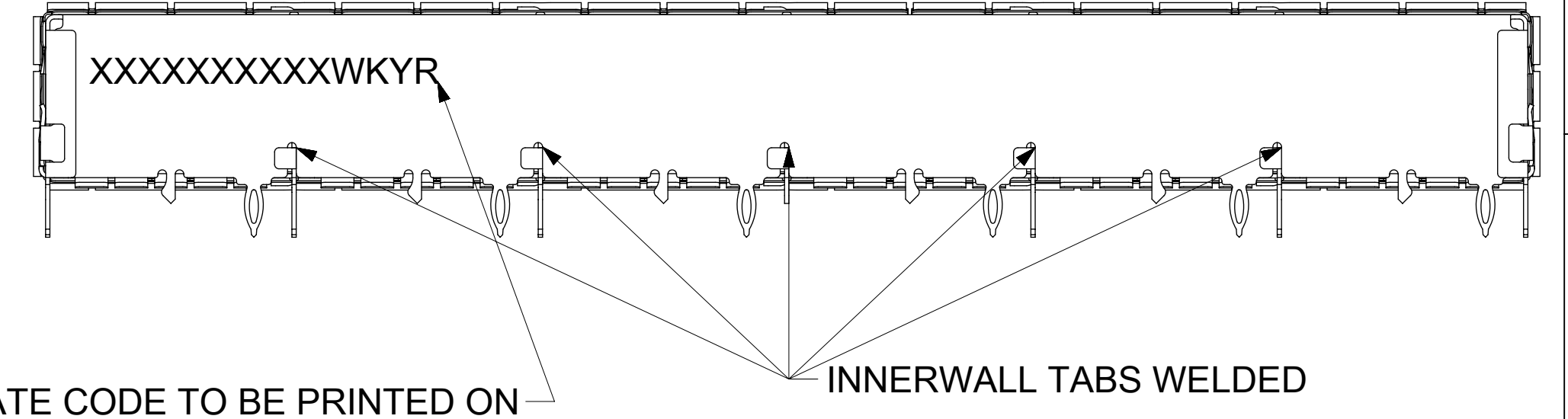
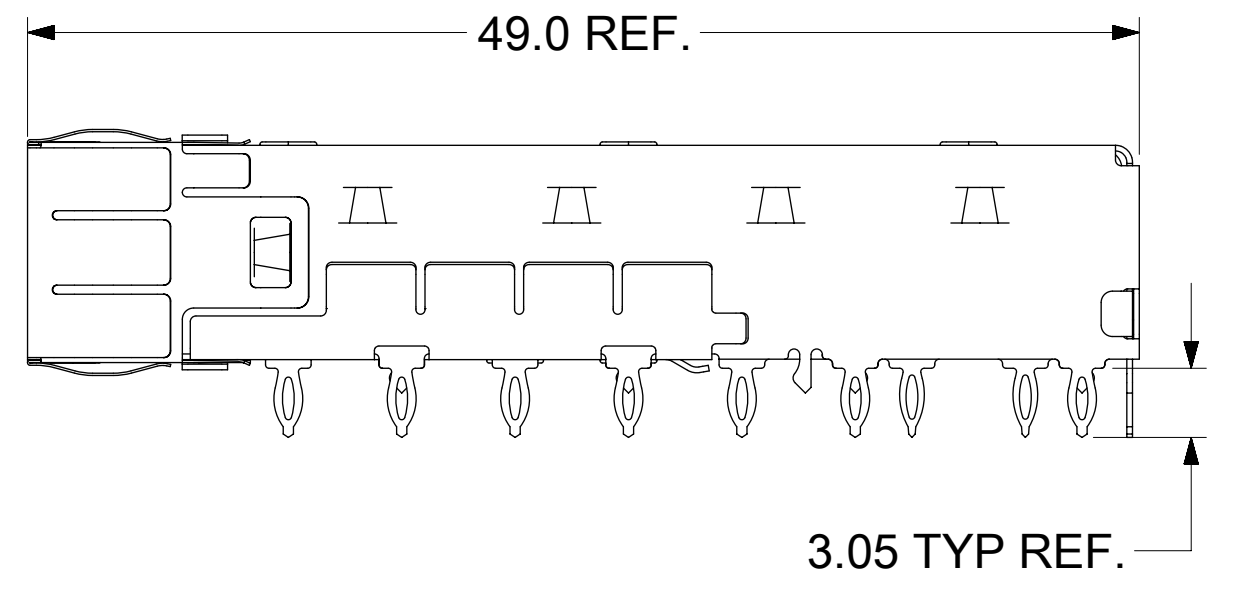


# COMMON DIMENSION

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

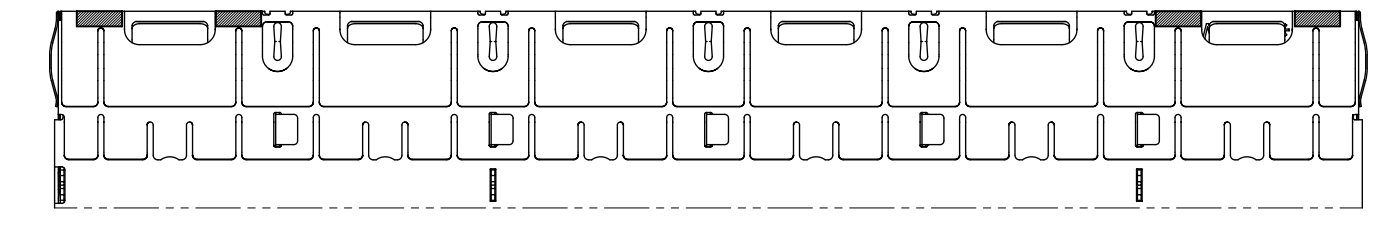
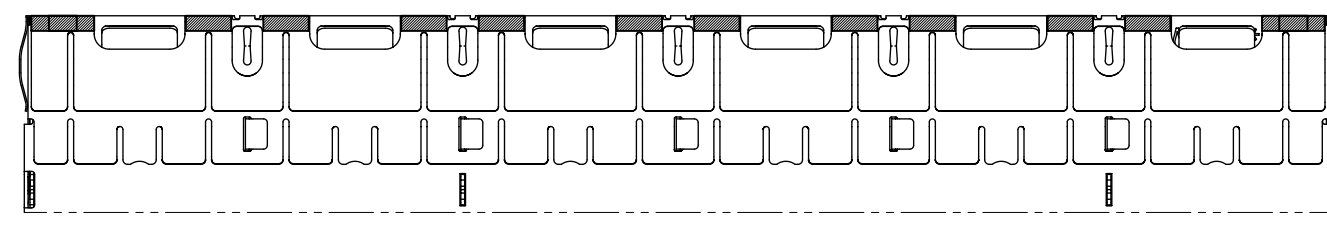
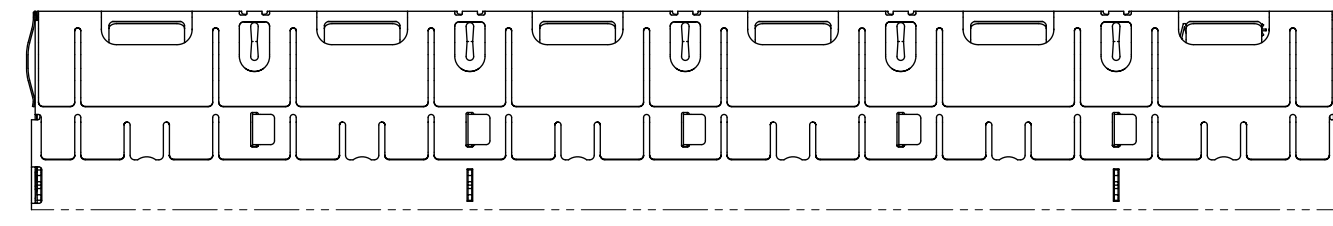
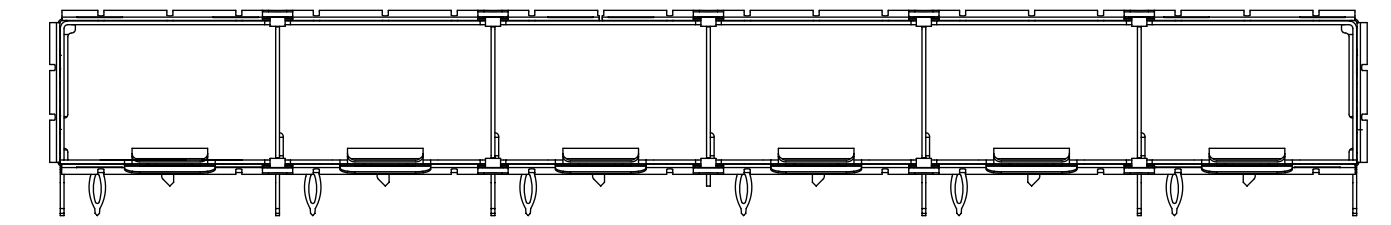
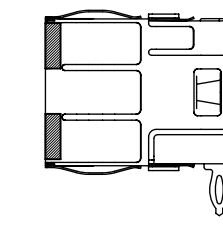
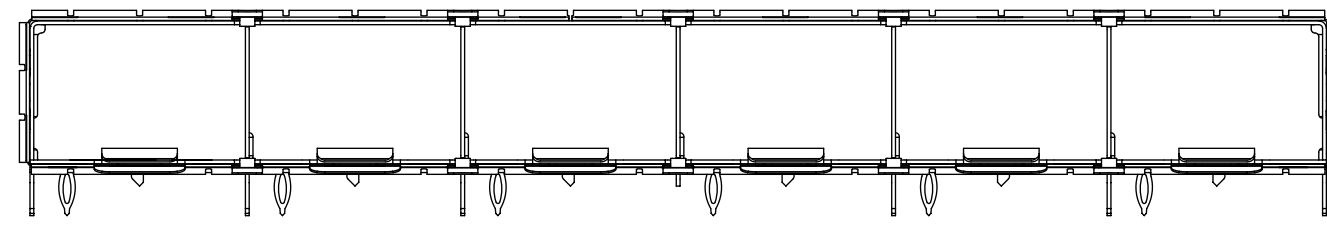
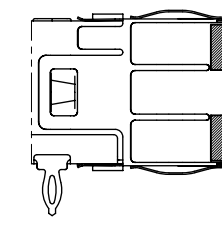
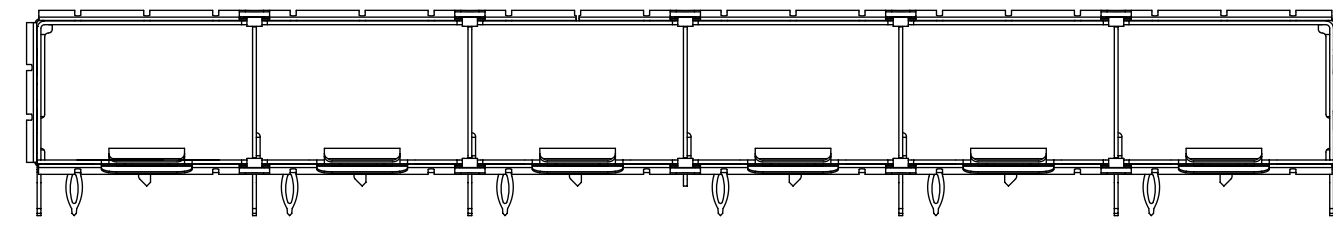
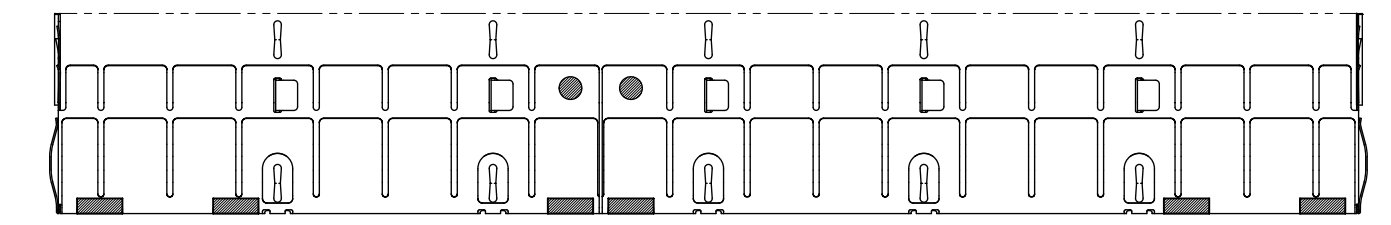
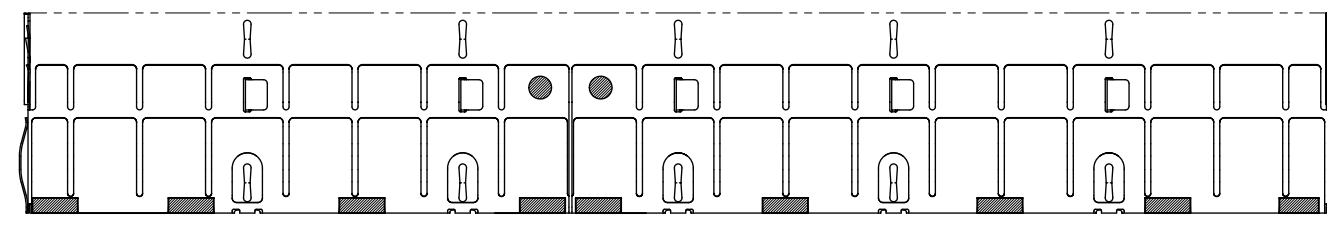
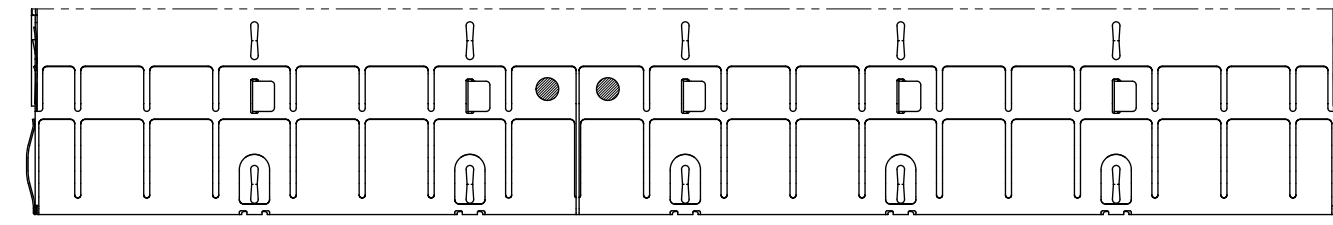
- NOTES:
- MATERIAL:  
CAGE: COPPER ALLOY, THICKNESS 0.25mm.  
SPRING FINGER: NICKEL PLATED COPPER ALLOY, THICKNESS 0.10mm.
  - PRESS FIT LEGS 3.05 LONG -  
1.57 MINIMUM PCB THICKNESS FOR SINGLE SIDED USE.  
3.00 MINIMUM PCB THICKNESS FOR BELLY TO BELLY USE.
  - OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
  - 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 DRWN BY: PKUMARG DATE: 2016/01/20 CHKD BY: DSUN15 DATE: 2016/03/03 APPR BY: RCHEN08 DATE: 2016/03/04 DRAWING SIZE: D THIRD ANGLE PROJECTION	
	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.15 1 PLACE ± 0.25 0 PLACES ±	EC NO: 103331 DRWN: PKUMARG CHKD: DSUN15 REV: APPR: RCHEN08	SEE REVISION TABLE	PRODUCT CUSTOMER DRAWING SERIES: 74754 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	H	DOCUMENT NUMBER: 747540620 DOC TYPE: PSD DOC PART: ASY SHEET NUMBER: 1 OF 6	CUSTOMER:		
				19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1		

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



QUALITY SYMBOLS F = 0 E = 0 E = 0 ▽ = 0 C = 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: DSUN15 REV APPR: RCHEN08	2016/01/20 2016/03/03 2016/03/04	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	DIMENSION UNITS: MM SCALE: 2:1 DRWN BY: PKUMARG DATE: 2016/01/20 CHKD BY: DSUN15 DATE: 2016/03/03 APPR BY: RCHEN08 DATE: 2016/03/04	DRAWING SIZE: D THIRD ANGLE PROJECTION	molex® SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG PRODUCT CUSTOMER DRAWING					
RELEASE STATUS: P1 RELEASE DATE: 04.03.2016 10:43:47	SEE REVISION TABLE		H		DOCUMENT NUMBER: 747540620 DOC TYPE: PSD DOC PART: ASY SHEET NUMBER: 2 OF 6						

# PCB LAYOUT FOR SINGLE SIDE MOUNT

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

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

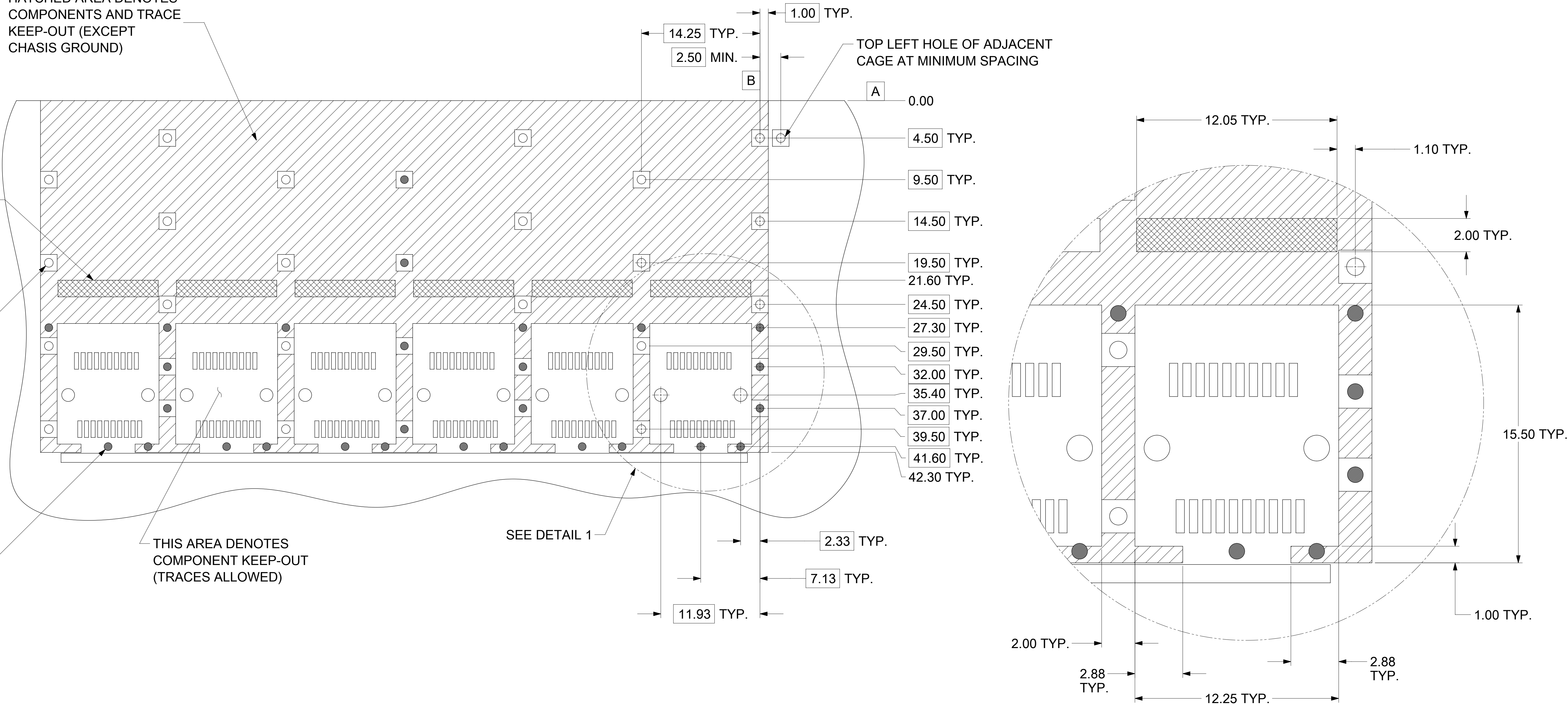
21X  $\varnothing 1.05 \pm 0.05$   
(SHOWN AS  $\oplus$ )  
 $\oplus 0.10$  A B

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

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)

SEE DETAIL 1

TOP LEFT HOLE OF ADJACENT CAGE AT MINIMUM SPACING



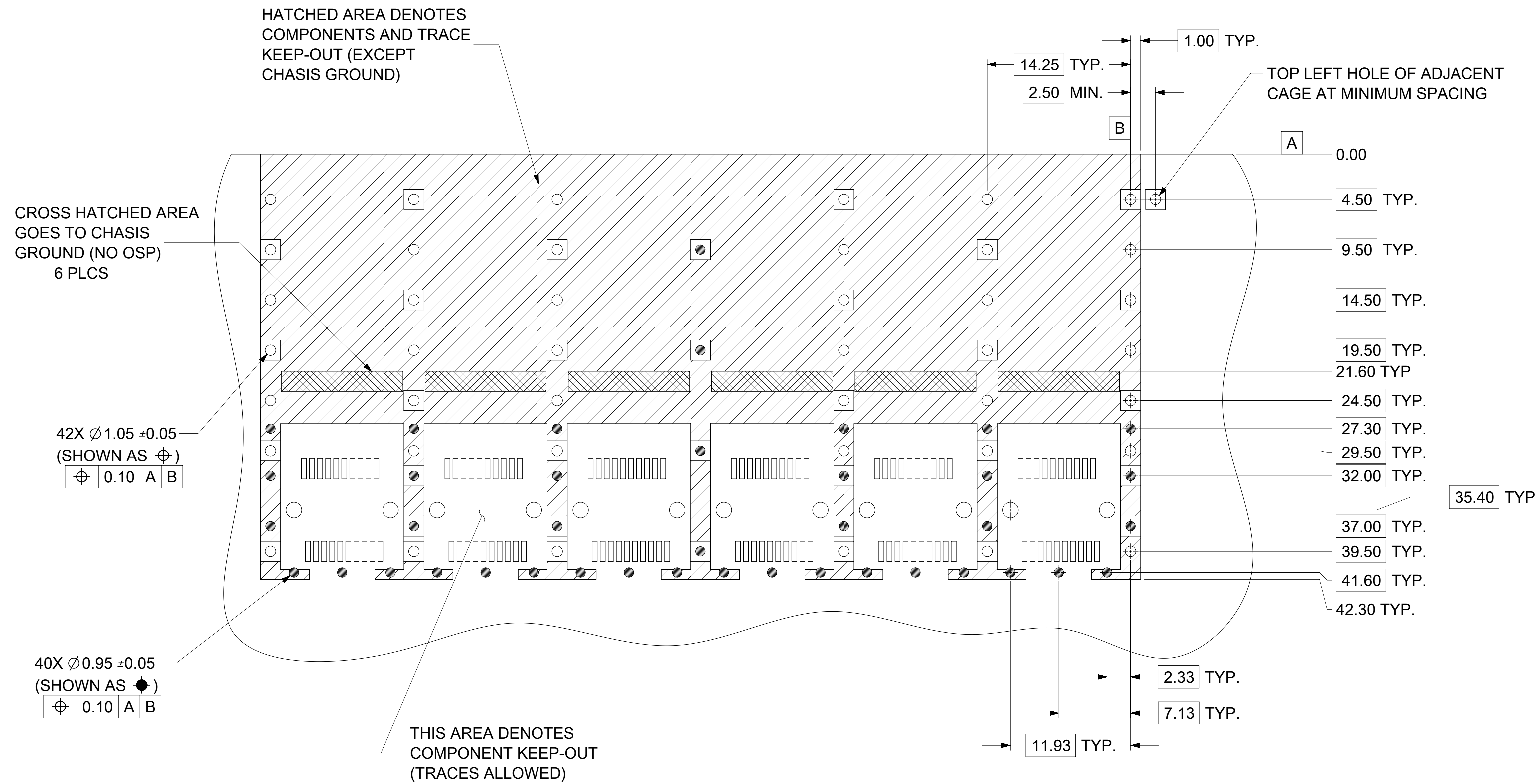
DETAIL 1  
SCALE 8:1  
HOST CONNECTOR DETAIL

## 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	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS	SCALE				
$\nabla$ = 0	ANGULAR TOL $\pm 1.0^\circ$			MM	4:1				
$\nabla$ = 0	SEE REVISION TABLE EC NO: 103331 DRWN: PKUMARG CHKD: DSUN15 REV APPR: RCHEN08	4 PLACES $\pm$	DRWN BY	DATE	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG				
$\nabla$ = 0		3 PLACES $\pm$	PKUMARG	2016/01/20					
$\nabla$ = 0		2 PLACES $\pm 0.15$	CHKD BY	DATE	PRODUCT CUSTOMER DRAWING				
$\nabla$ = 0		1 PLACE $\pm 0.25$	DSUN15	2016/03/03					
$\nabla$ = 0		0 PLACES $\pm$	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER		
$\nabla$ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	RCHEN08	2016/03/04	74754	SEE P/N TABLE	GENERAL MARKET			
$\nabla$ = 0		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
		D		747540620	PSD	ASY	3 OF 6		

# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



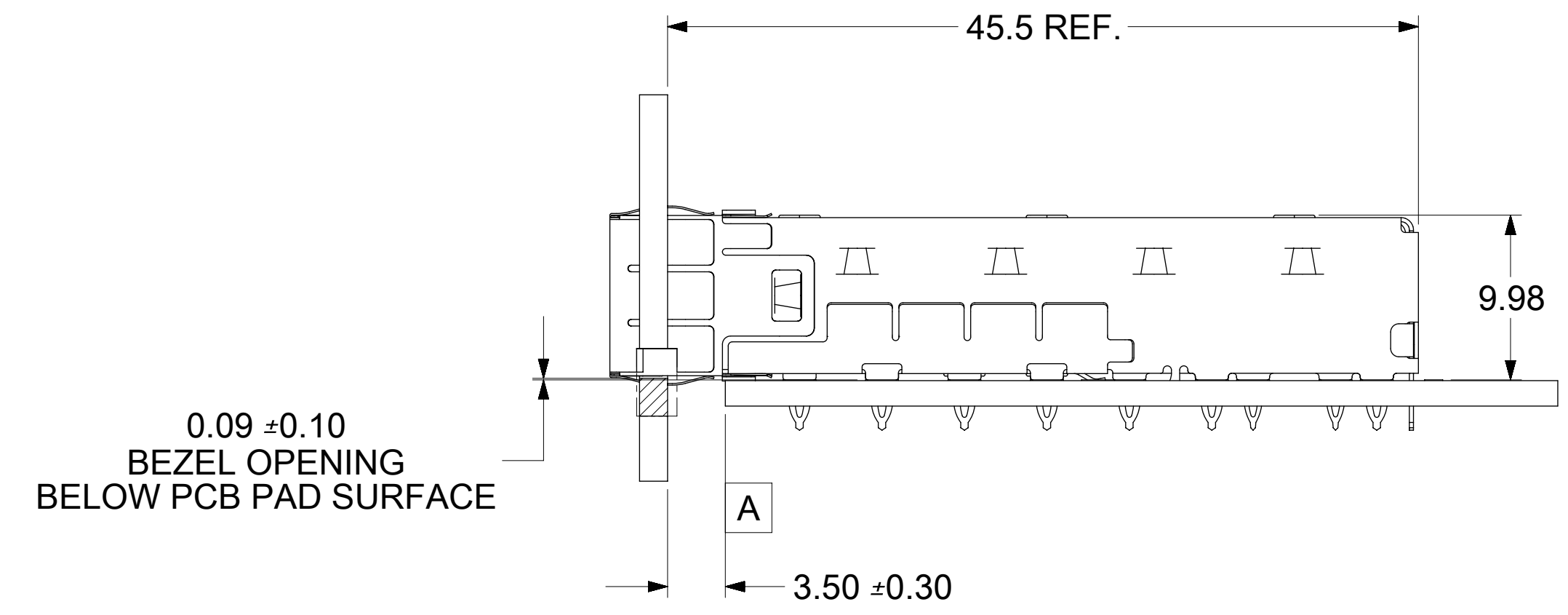
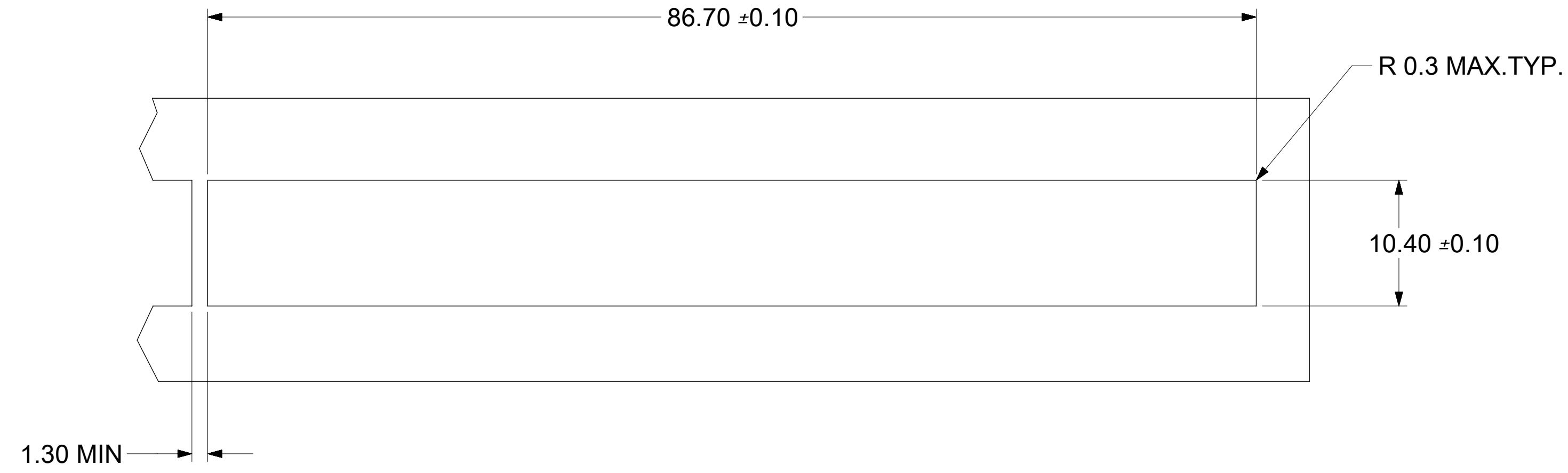
**NOTE:**  
SEE SHEET 3 FOR  
HOST CONNECTOR DETAIL

**NOTES:**

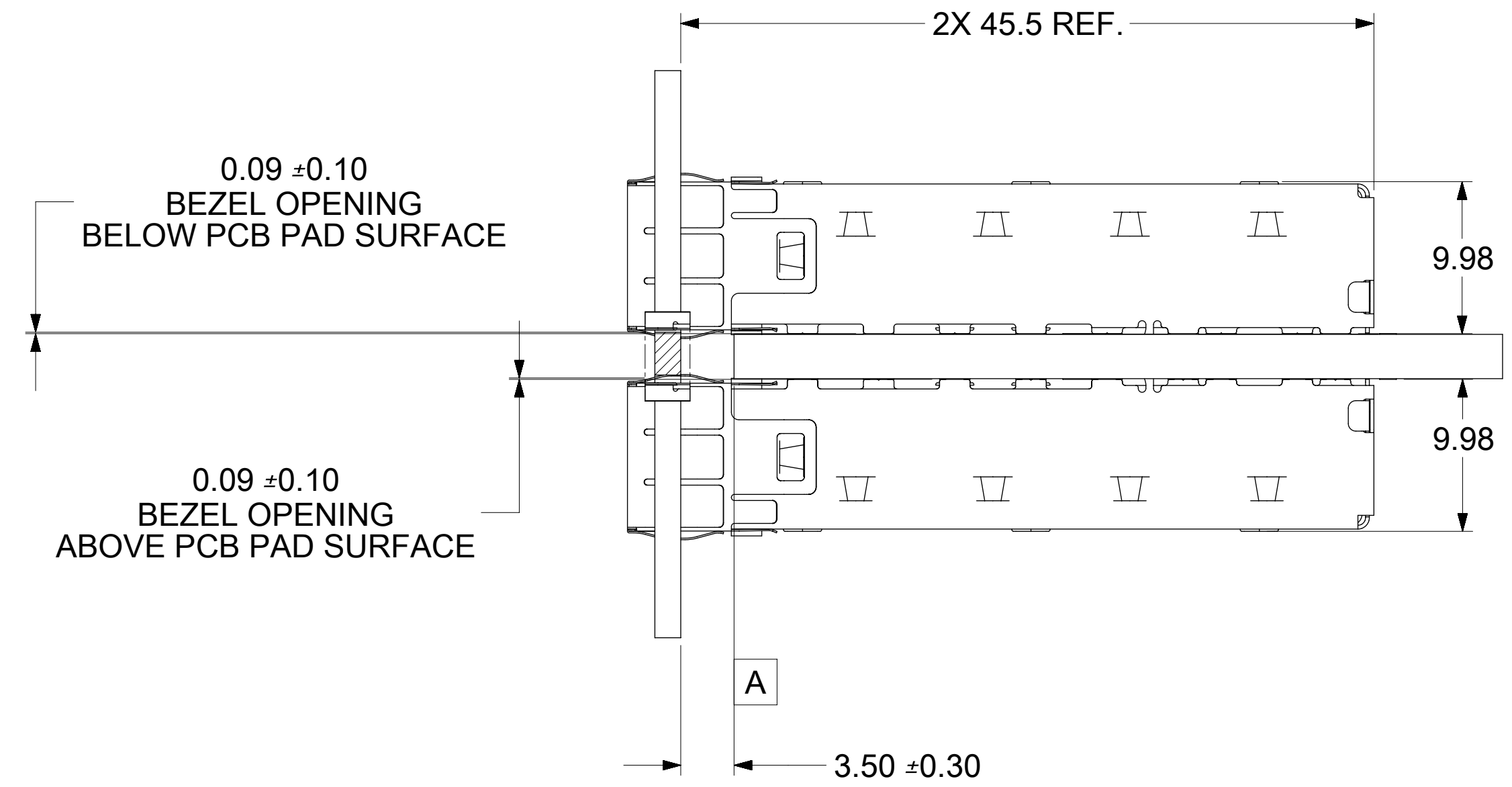
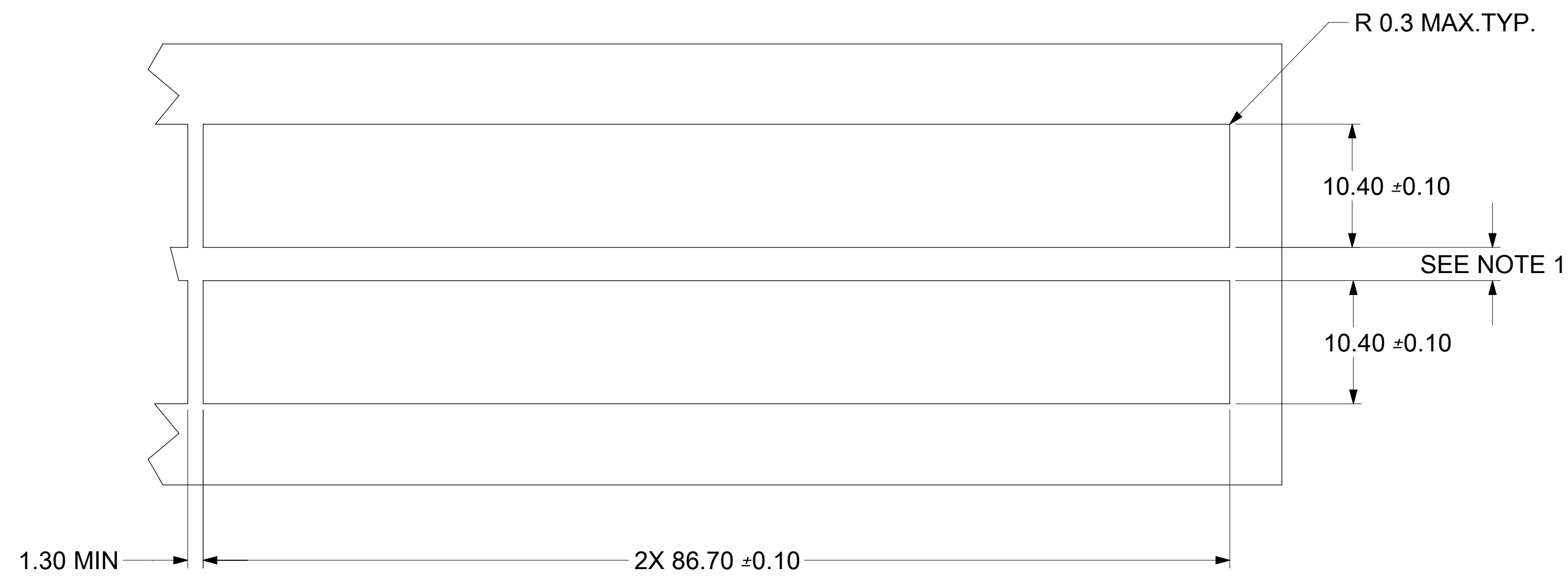
1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND PADS TO BE 2.00mm SQUARE.)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION. (GOLD, SILVER, OR TIN.)
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH 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 EC NO: 103331 DRWN: PKUMARG CHKD: DSUN15 REV APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE						
▽ = 0	▽ = 0		ANGULAR TOL ± 1.0 °		MM	4:1						
▽ = 0	▽ = 0		4 PLACES ±	3 PLACES ±	PKUMARG	DATE						
▽ = 0	▽ = 0		2 PLACES ± 0.15	1 PLACE ± 0.25	0 PLACES ±	DATE	DATE	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG				
▽ = 0	▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN BY	DATE	DATE	PRODUCT CUSTOMER DRAWING				
▽ = 0	▽ = 0				CHKD BY	DATE	DATE	SERIES	MATERIAL NUMBER	CUSTOMER		
▽ = 0	▽ = 0				APPR BY	DATE	DATE	74754	SEE P/N TABLE	GENERAL MARKET		
▽ = 0	▽ = 0				DATE	DATE	DATE	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
▽ = 0	▽ = 0				DATE	DATE	DATE	747540620	PSD	ASY	4 OF 6	

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



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



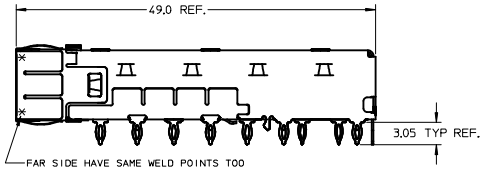
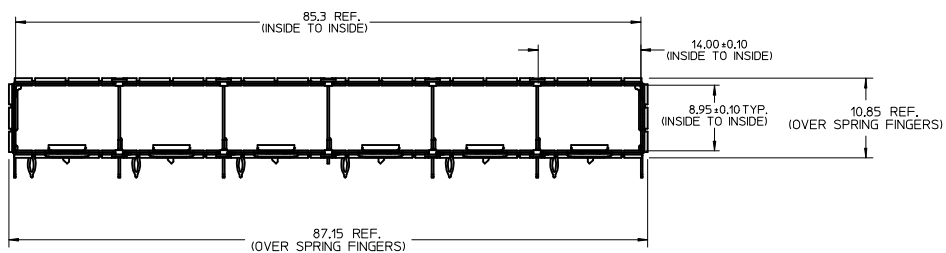
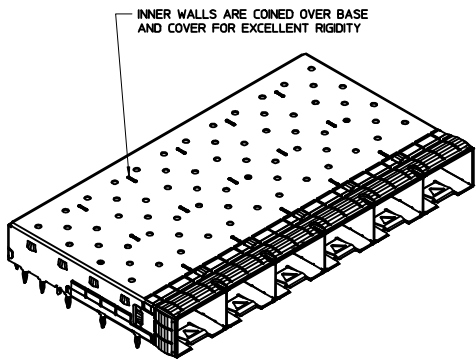
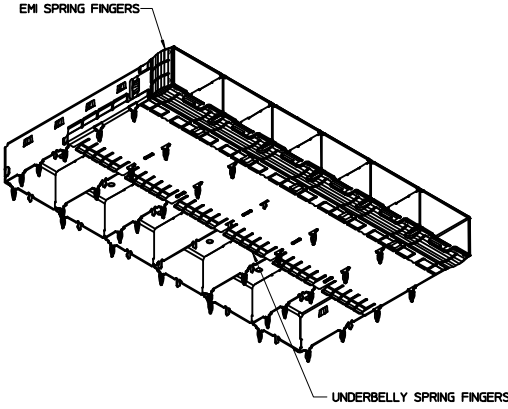
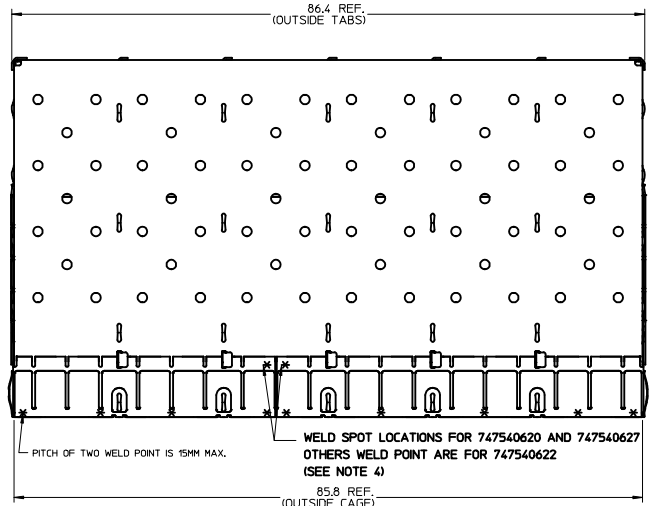
**NOTE:**

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

QUALITY SYMBOLS F = 0 E = 0 C = 0 D = 0 A = 0 B = 0		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM SCALE: 3:1 ANGULAR TOL ± 1.0 °		<b>molex</b> SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	
SEE REVISION TABLE EC NO: 103331 DRWN: PKUMARG CHKD: DSUN15 REV APPR: RCHEN08		DIMENSION UNITS: MM SCALE: 3:1 DRWN BY: PKUMARG DATE: 2016/01/20 CHKD BY: DSUN15 DATE: 2016/03/03 APPR BY: RCHEN08 DATE: 2016/03/04		PRODUCT CUSTOMER DRAWING SERIES: 74754 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET		PRODUCT CUSTOMER DRAWING SERIES: 74754 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAUGHTING SIZE: D THIRD ANGLE PROJECTION		DOCUMENT NUMBER: 747540620 DOC TYPE: PSD DOC PART: ASY SHEET NUMBER: 5 OF 6		PRODUCT CUSTOMER DRAWING SERIES: 74754 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET	

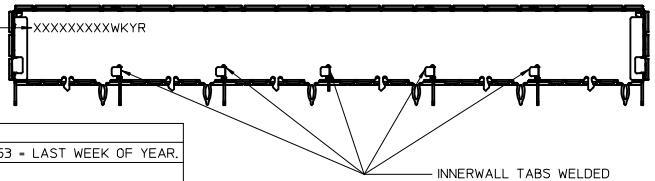
DATE	REV	DESCRIPTION
2009/04/13	C	INITIAL RELEASE
2012/10/29	D	1. ADDED P/N 747540622 AND 747540627. [SHT 1]
2012/12/21	E	1. ADDED 747540627 TO WELD LOCATION CALLOUT. [SHT 1] 2. REMOVED TYP. FROM DIM 85.3. [SHT 1] 3. ADDED "MM 3D MODEL: EM-74754-0620-ASSY" MODEL NAME ON LEF TOP CORNER. [SHT 1] 4. CHANGED 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: DSUN15 REV APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	<b>molex</b> <sup>®</sup>						
	= 0		ANGULAR TOL ± 1.0 °		MM	3:1							
	= 0		4 PLACES ±		DRWN BY	DATE	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG						
	= 0		3 PLACES ±		PKUMARG	2016/01/20							
	= 0		2 PLACES ± 0.15		CHKD BY	DATE							
	= 0		1 PLACE ± 0.25		DSUN15	2016/03/03	PRODUCT CUSTOMER DRAWING						
	= 0		0 PLACES ±		APPR BY	DATE							
	= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		RCHEN08	2016/03/04	SERIES	MATERIAL NUMBER	CUSTOMER				
	= 0				DRAWING SIZE	THIRD ANGLE PROJECTION	74754	SEE P/N TABLE	GENERAL MARKET				
	= 0				D		DOCUMENT NUMBER	747540620	DOC TYPE	PSD	DOC PART	ASY	SHEET NUMBER



- 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.

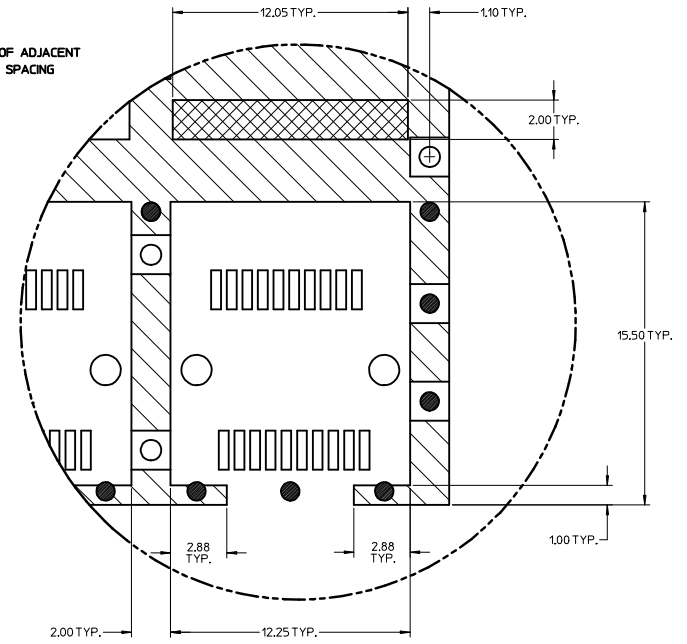
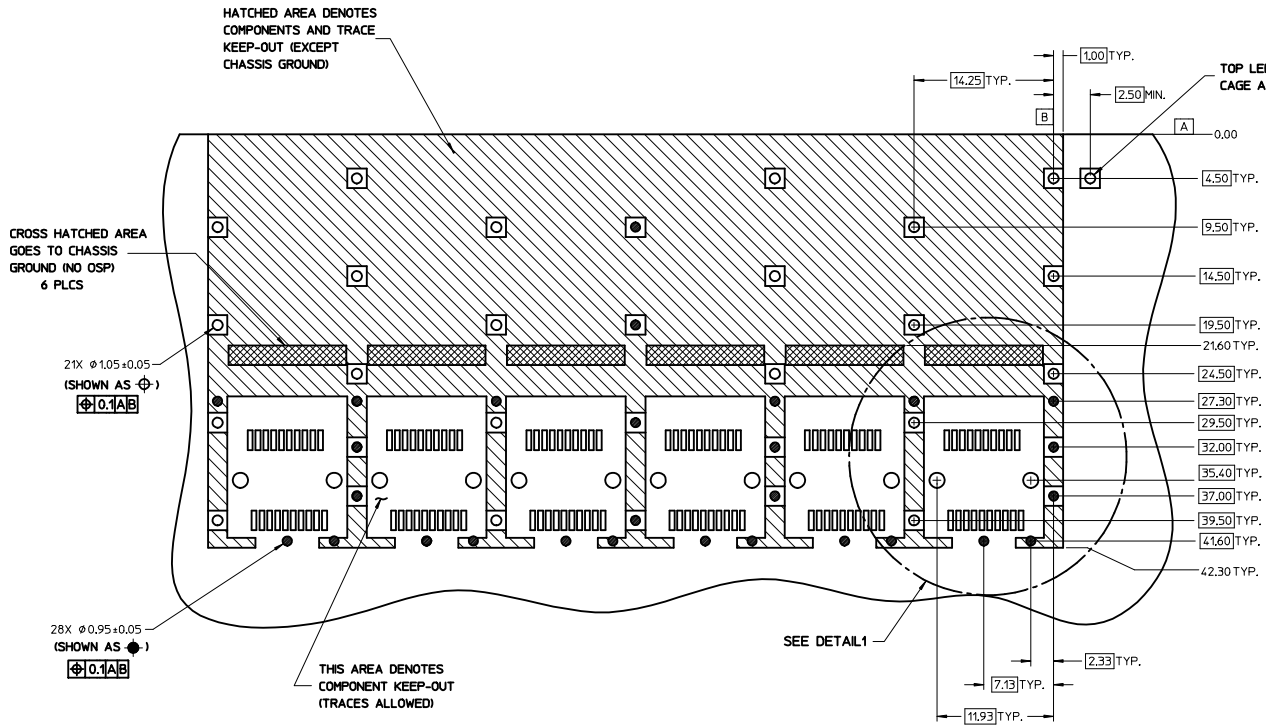


WEEK / YEAR DATE CODE:	
WK	01 THRU 52 OR 53, EXAMPLE: 01 = FIRST WEEK OF YEAR 52 OR 53 = LAST WEEK OF YEAR.
YR	12, 13, 14, EXAMPLE: 2014+14

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 BY: DRWINPGSHETTY 2015/07/28 CHKD: APPR: RCHEN08 2015/07/31	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <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> </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	TITLE SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	DOCUMENT NO. SD-74754-0620	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

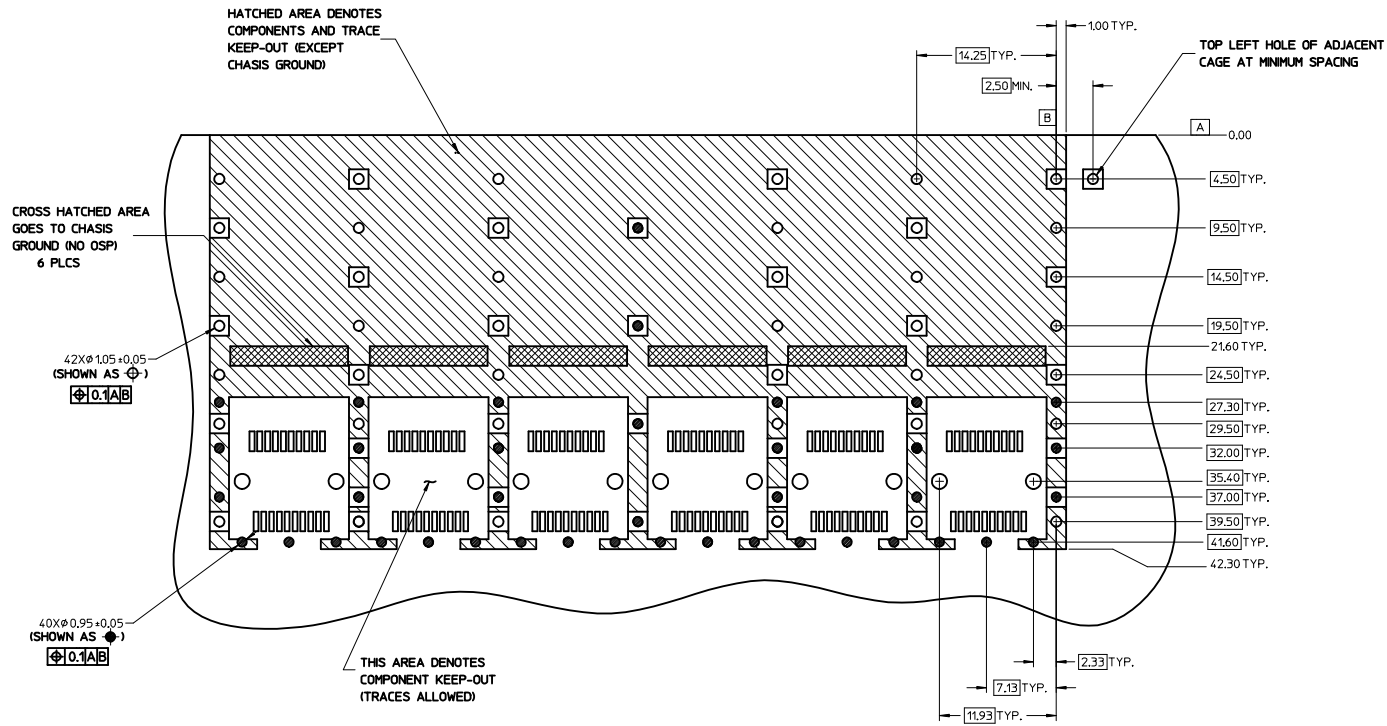
**NOTES:**

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 CHKO: MA JOHNSTON APPROVED BY: RMAHMOOD DATE: 2015/07/28 DATE: 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>±0.15</td> <td>±0.005</td> </tr> <tr> <td>3 PLACES</td> <td>±0.25</td> <td>±0.010</td> </tr> <tr> <td>2 PLACES</td> <td>±0.38</td> <td>±0.015</td> </tr> <tr> <td>1 PLACE</td> <td>±0.51</td> <td>±0.020</td> </tr> <tr> <td>0 PLACE</td> <td>±0.64</td> <td>±0.025</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±0.15	±0.005	3 PLACES	±0.25	±0.010	2 PLACES	±0.38	±0.015	1 PLACE	±0.51	±0.020	0 PLACE	±0.64	±0.025	DIMENSION STYLE MM ONLY SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG molex DOCUMENT NO. SD-74754-0620 SHEET NO. 2 OF 5
		mm	INCH																			
	4 PLACES	±0.15	±0.005																			
	3 PLACES	±0.25	±0.010																			
2 PLACES	±0.38	±0.015																				
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MATERIAL NO. SEE P/N TABLE SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																						



# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



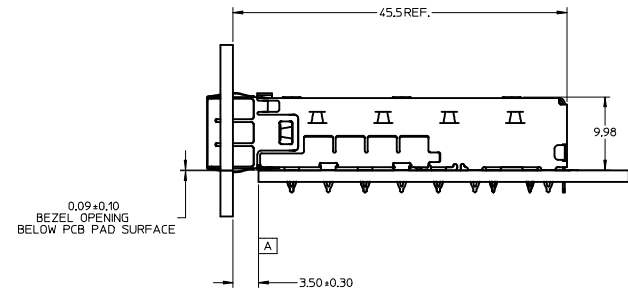
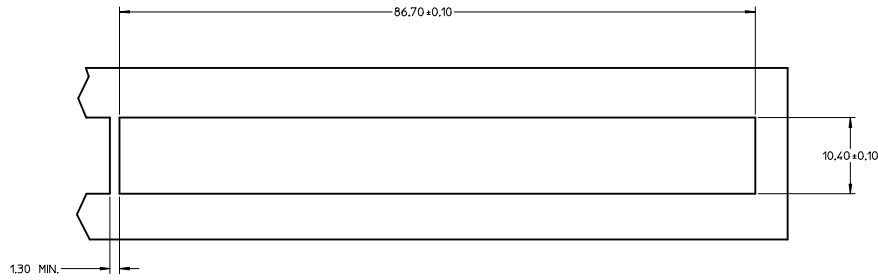
NOTE:  
SEE SHEET 2 FOR  
HOST CONNECTOR DETAIL

**NOTES:**

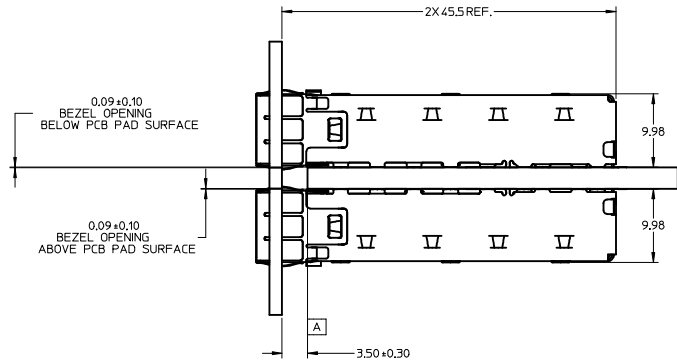
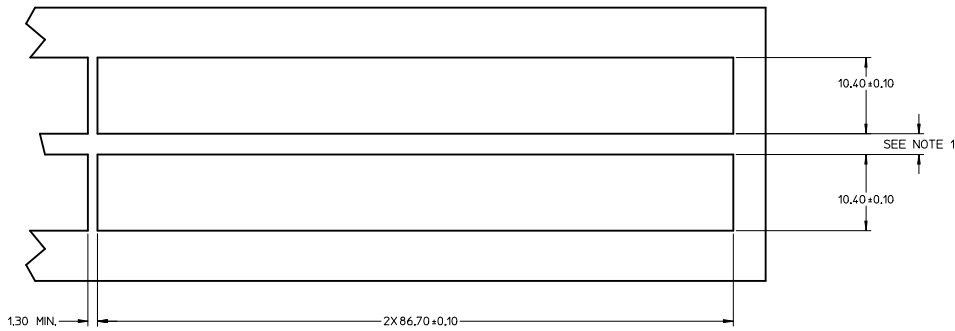
1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH 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				
	▽=0	2 PLACES ± 0.15 ± INCH 1 PLACE ± 0.25 ± INCH 0 PLACE ± mm ± INCH				
	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DATE	TITLE	
			SEE P/N TABLE	2007/09/07	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	
				2007/09/07	<b>molex</b>	
					DOCUMENT NO. SD-74754-0620	SHEET NO. 3 OF 5
					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: DRWNPQSHETTY CHKD: APPR:RCHEN08 DATE: 2015/07/28 DATE: 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 ± 0.15	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 EIC NO: CPG2016-0444 DRAWN BY: G CHECKED BY: CHYD 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: SIZE: D	DOCUMENT NO:	SD-74754-0620	
SEE P/N TABLE			SHEET NO:		5 OF 5	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						