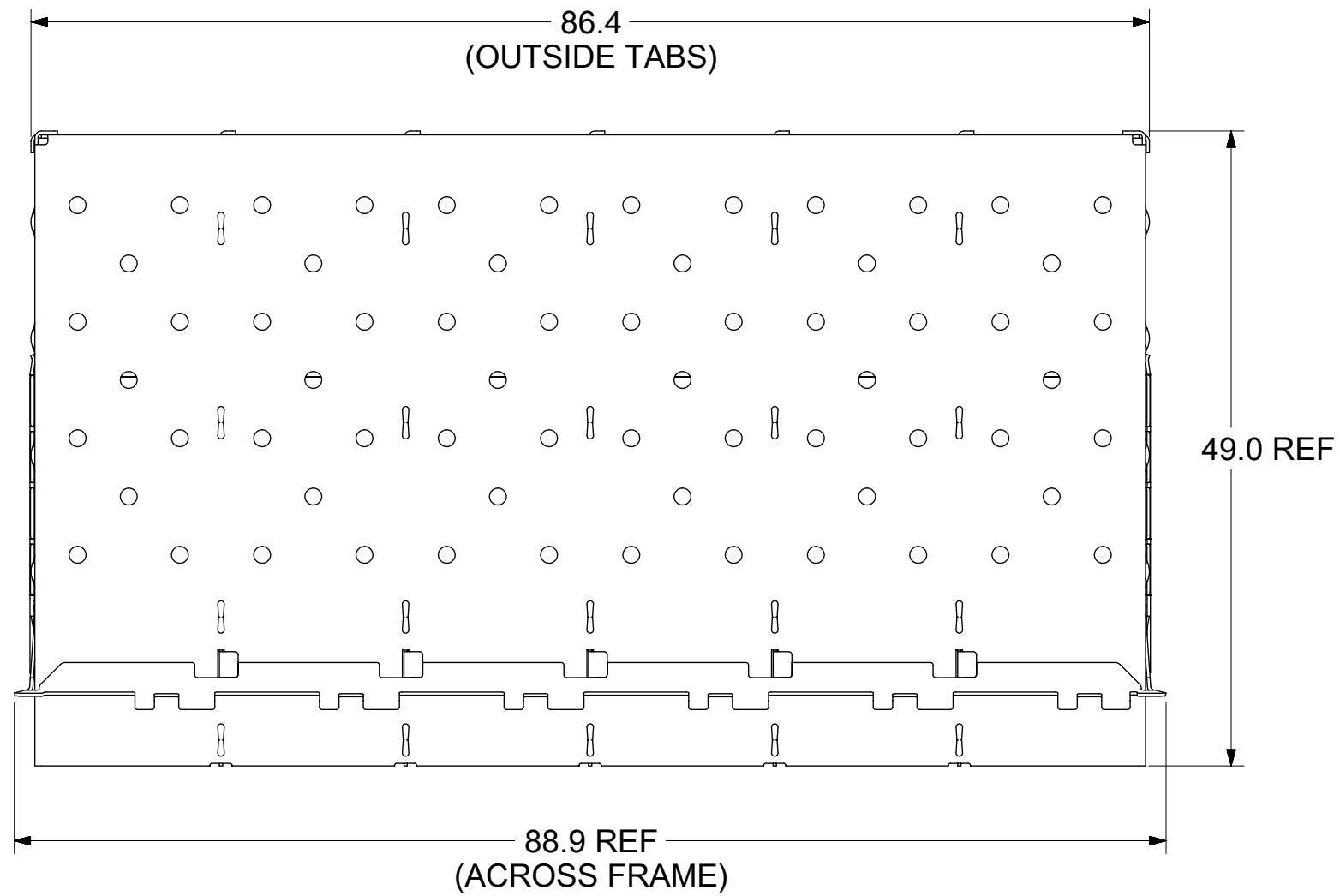


# BASE CAGE DETAILS

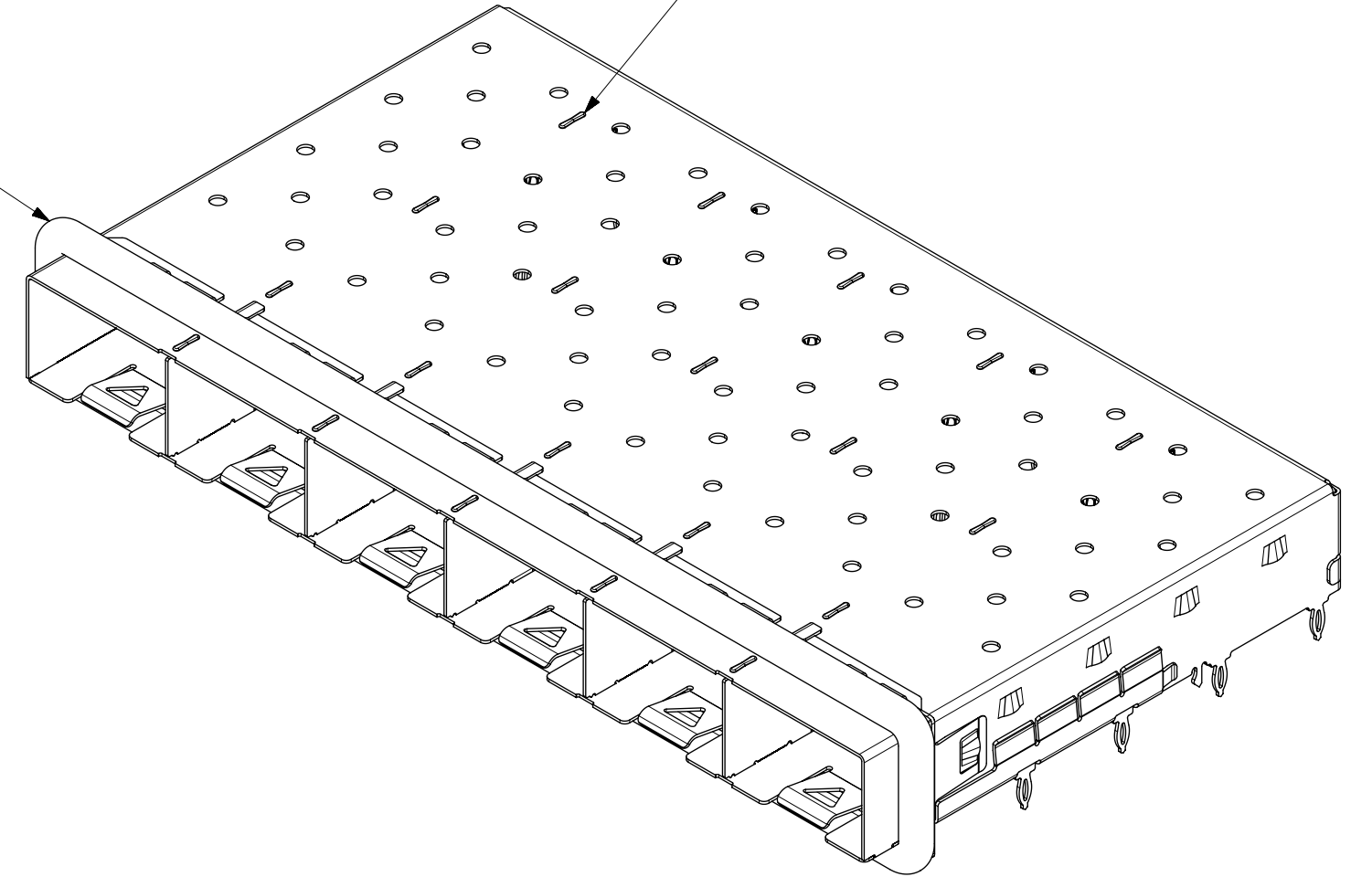
(APPLIES TO ALL CAGES IN THIS DRAWING)

747540610  
 SHOWN

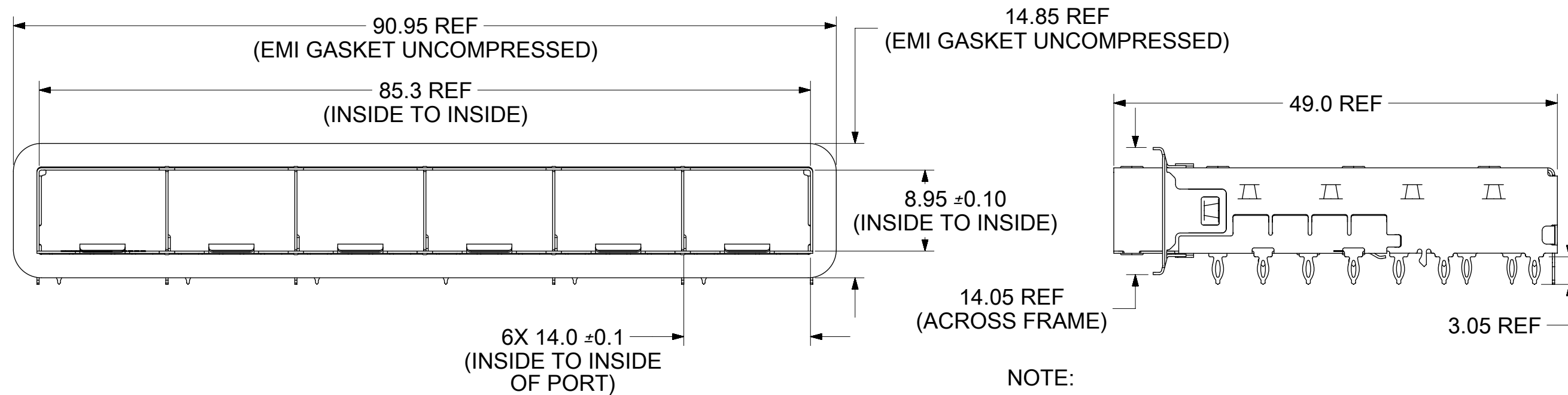


360° SOFT ELASTOMERIC GASKET

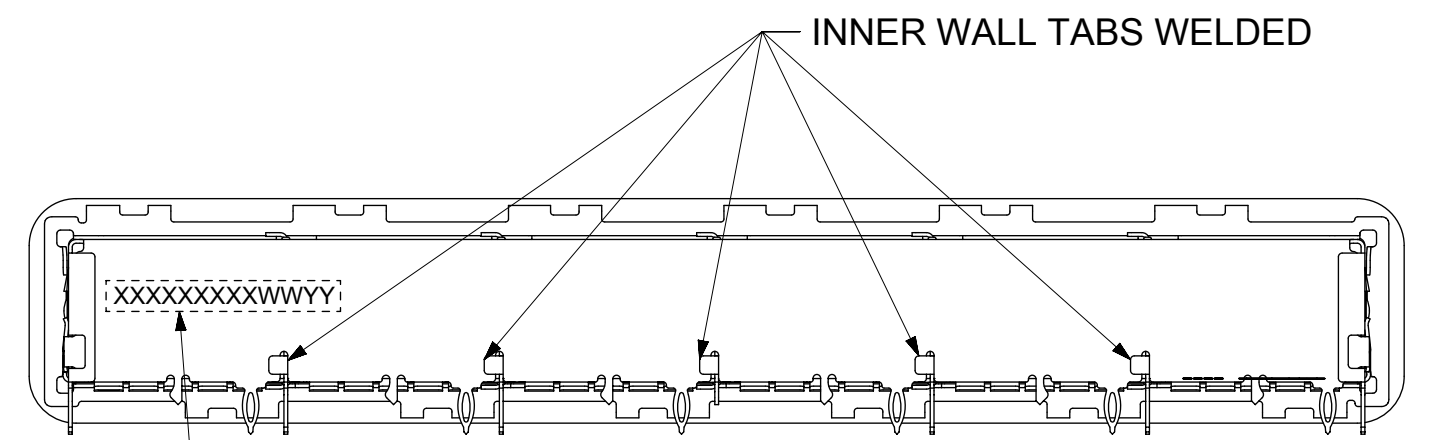
INNER WALLS ARE COINED FOR EXTRA RIGIDITY



NOTE:  
 EMI GASKET REMOVED FROM THIS VIEW FOR CLARITY.



NOTE:  
 EMI GASKET REMOVED FROM THIS VIEW FOR CLARITY.



INNER WALL TABS WELDED

PN/DATE CODE TO BE PRINTED ON THE BACK OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

- NOTES:
- MATERIAL:  
 CAGE: 0.25mm THICK COPPER ALLOY, NICKEL PLATED.  
 SPRING FINGERS: 0.10mm THICK COPPER ALLOY, NICKEL PLATED.  
 HEATSINK: ALUMINUM, NICKEL PLATED.  
 HEATSINK SPRING CLIP: STAINLESS STEEL.
  - PRESS FIT LEGS 3.05mm LONG:
  - PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS. THE TOP SURFACE OF THE MODULE MUST BE FLAT (NO PRODUCT LABEL RECESS) AND THERMALLY CONDUCTIVE TO FUNCTION OPTIMALLY.
  - WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.
  - NO RoHS EXEMPTIONS.
  - CUSTOM HEATSINKS AVAILABLE UPON REQUEST.

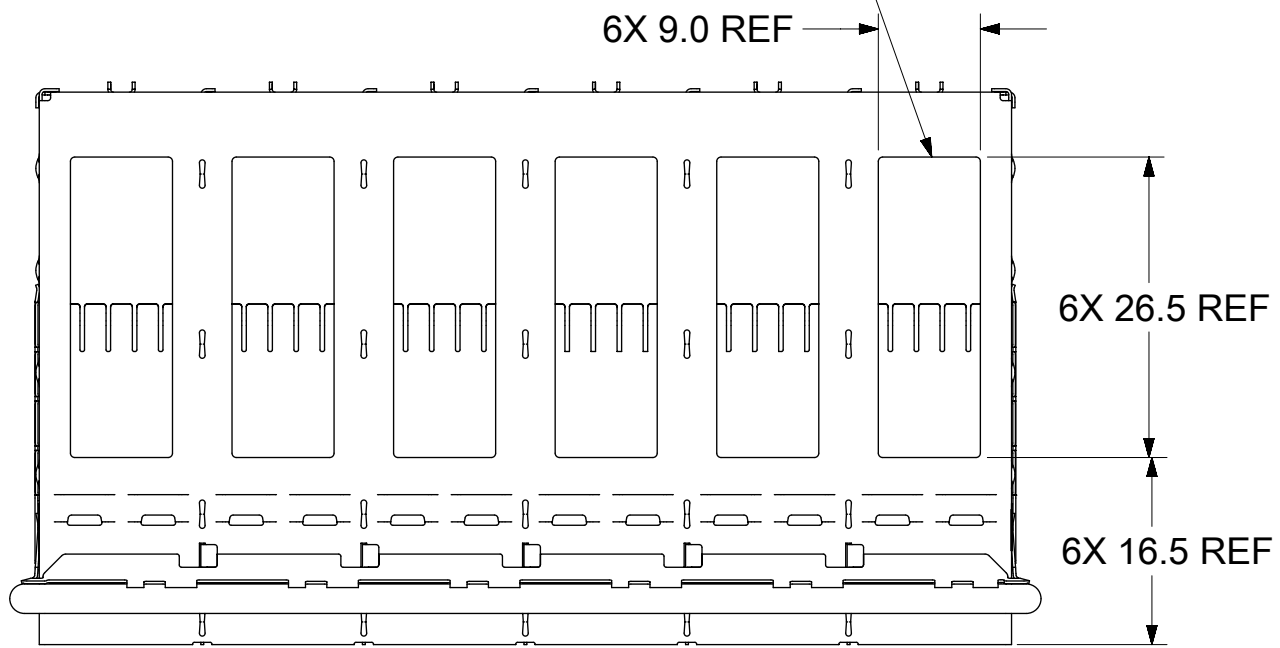
WEEK/YEAR DATE CODE TABLE	
WW	01 THRU 52, EXAMPLE: 01 = FIRST WEEK OF YEAR, 52 = LAST WEEK OF YEAR
YY	17, 18, 19 ETC. EXAMPLE: YEAR 2017 = 17

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE REVISION TABLE EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 REV APPR: RCHEN08	2017/02/27	2017/04/27	2017/05/03	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS MM	SCALE 2:1		
	DRWN BY MHANUMAPPARE	DATE 2017/02/27	DRWN BY DSUN15		DATE 2017/04/27	DRWN BY RCHEN08		DATE 2017/05/03
	CHKD BY DSUN15	DATE 2017/04/27	APPR BY RCHEN08		DATE 2017/05/03	DRAWING SIZE C		THIRD ANGLE PROJECTION
	SERIES 111112	MATERIAL NUMBER SEE SHEET 4	CUSTOMER GENERAL MARKET		DOCUMENT NUMBER 1111122610	DOC TYPE PSD		DOC PART ASY

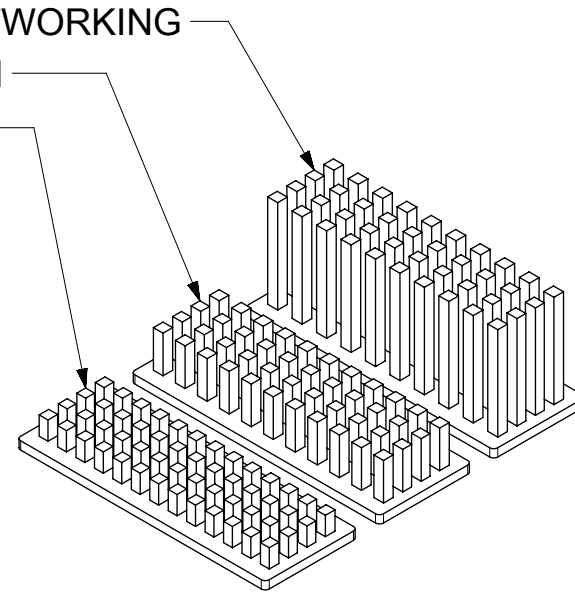
# CAGE ASSEMBLY OPTIONS

OPEN TOP  
111120610  
SHOWN  
(APPLIES TO ALL  
OPEN TOP CAGES)



## HEATSINK OPTIONS

PIN FIELD NETWORKING  
PIN FIELD SAN  
PIN FIELD PCI



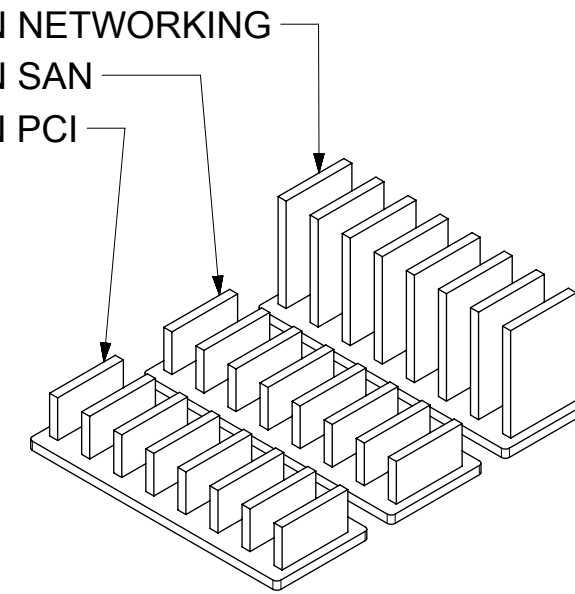
### OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

NOTE: PCI - 13 ROWS  
SAN - 11 ROWS  
NETWORKING - 10 ROWS

## HEATSINK OPTIONS

LATERAL FIN NETWORKING  
LATERAL FIN SAN  
LATERAL FIN PCI

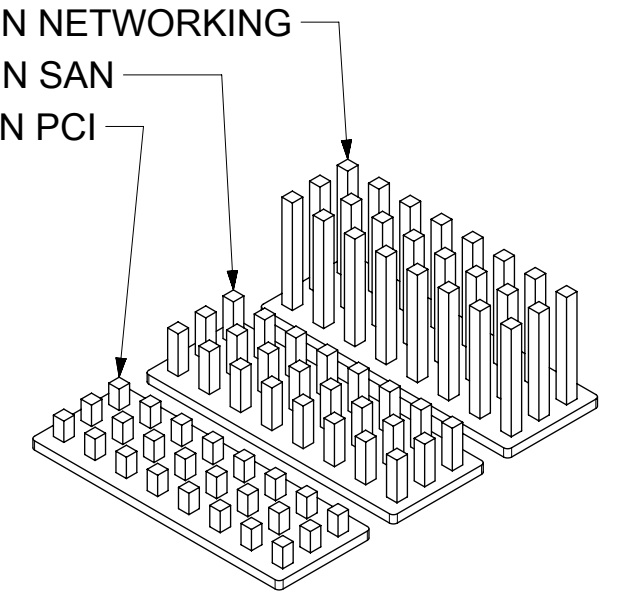


### OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

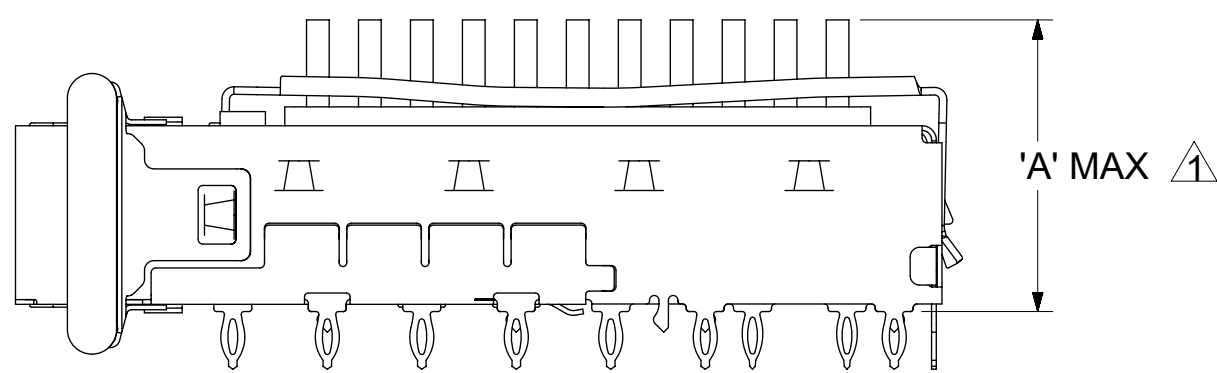
## HEATSINK OPTIONS

WIDE GAP PIN NETWORKING  
WIDE GAP PIN SAN  
WIDE GAP PIN PCI



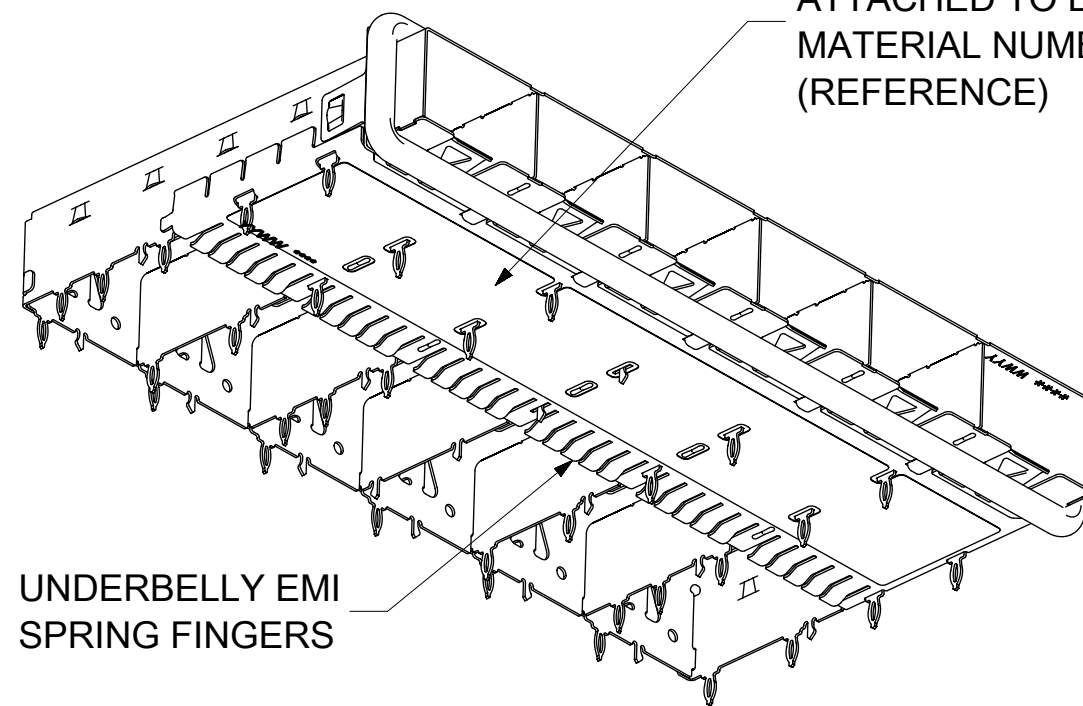
### OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

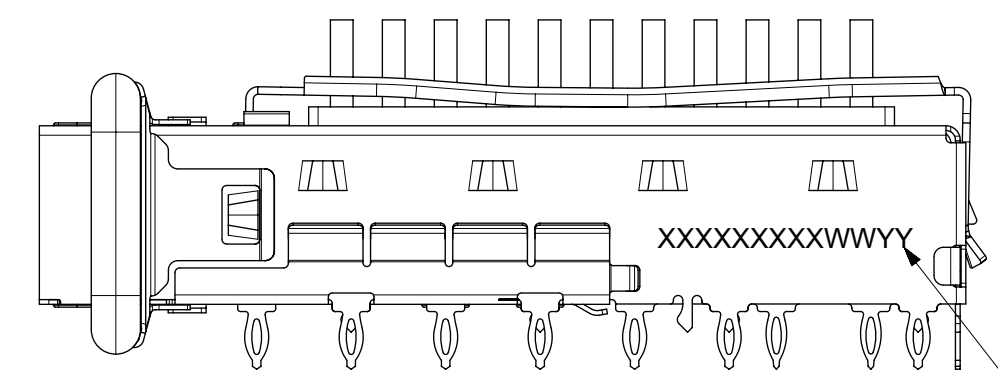


NOTES:  
HEIGHT OF HEATSINK WITH MODULE INSERTED.  
DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS.

OPTIONAL POLYIMIDE INSULATOR  
ATTACHED TO BOTTOM OF CAGE  
MATERIAL NUMBER 739300634  
(REFERENCE)



UNDERBELLY EMI  
SPRING FINGERS



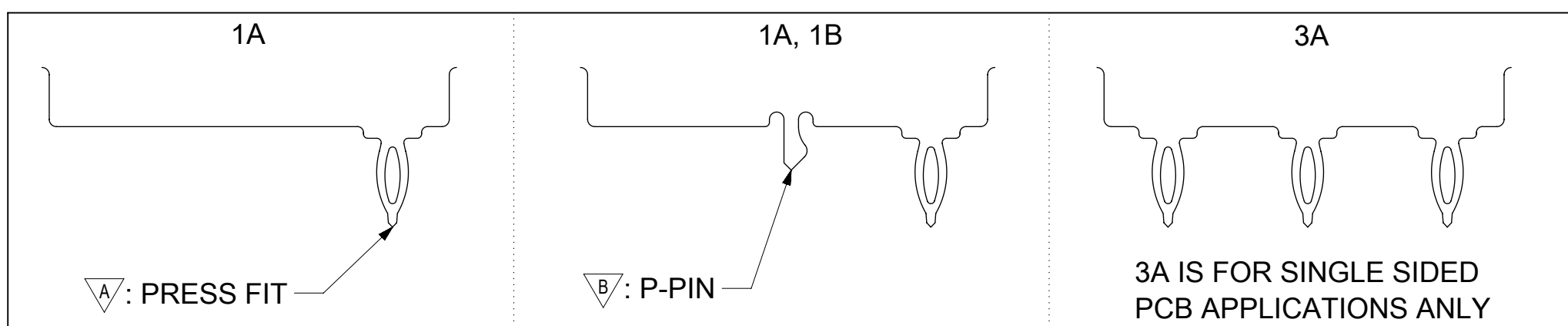
PN/DATE CODE TO BE PRINTED ON THE SIDE OF  
COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

### WEEK/YEAR DATE CODE TABLE

WW	01 THRU 52, EXAMPLE: 01 = FIRST WEEK OF YEAR, 52 = LAST WEEK OF YEAR
YY	17, 18, 19 ETC. EXAMPLE: YEAR 2017 = 17

## REAR LEG OPTIONS

(PER PORT)



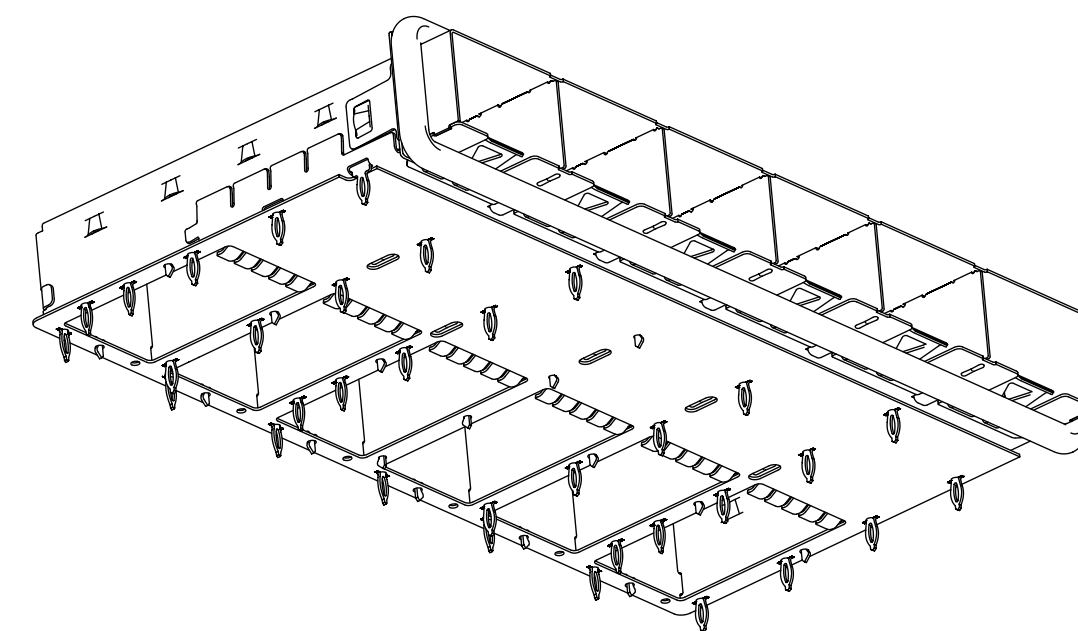
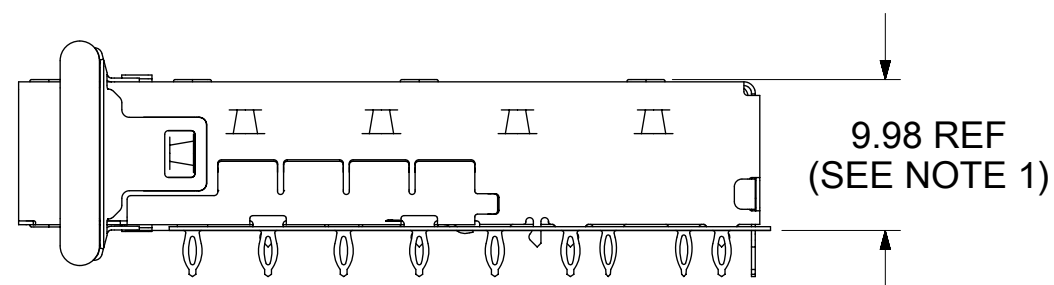
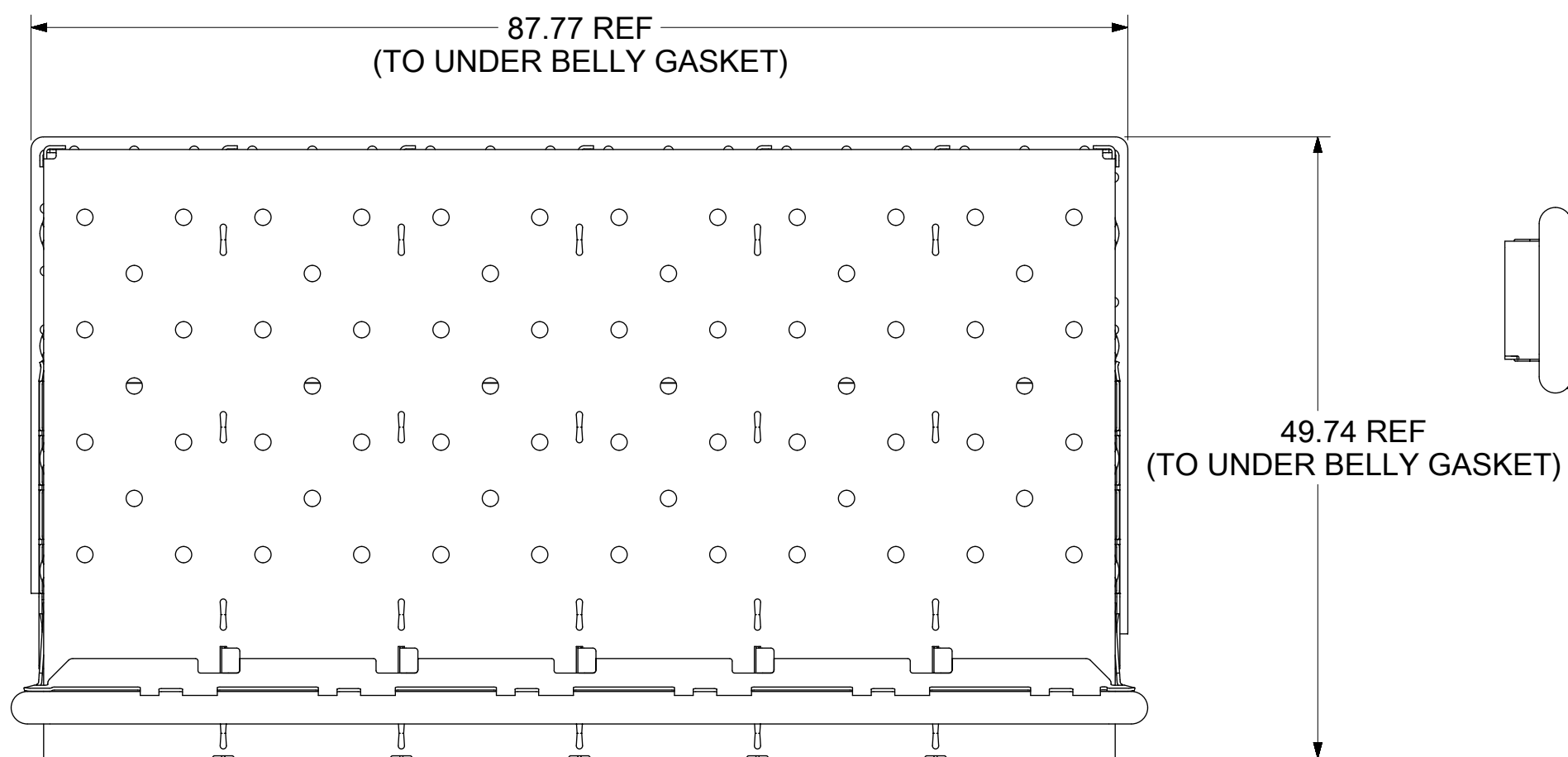
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE REVISION TABLE EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 REV: APPR: RCHEN08	2017/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE	
	2017/04/27		MM	1.5:1	
	2017/05/03		DRWN BY	DATE	
			MHANUMAPPARE	2017/02/27	
		CHKD BY	DATE		1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET
		DSUN15	2017/04/27		
		APPR BY	DATE		PRODUCT CUSTOMER DRAWING
		RCHEN08	2017/05/03		SERIES
					MATERIAL NUMBER
					11112
					SEE SHEET 4
					CUSTOMER
					GENERAL MARKET
					DOCUMENT NUMBER
					111122610
					DOC TYPE
					PSD
					DOC PART
					ASY
					SHEET NUMBER
					2 OF 9

# OPTIONAL GEN 2 UNDER BELLY GASKET

1001150610

SHOWN



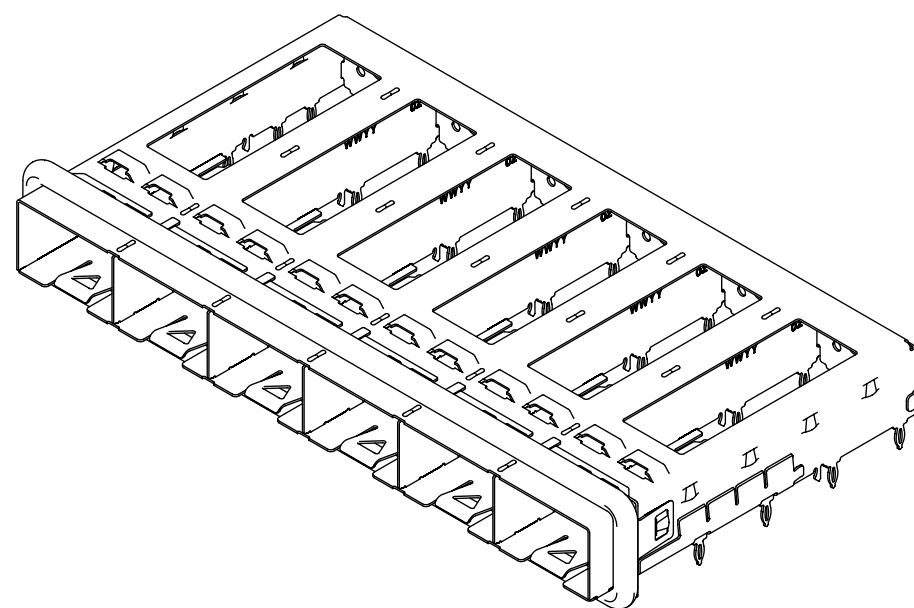
NOTE:  
1. CAGE LEG STANDOFF WILL PIERCE GASKET WHEN PROPERLY PRESSED INTO PCB

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE REVISION TABLE	EC NO: 116175	2017/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE			
	DRWN: MHANUMAPPARE	2017/04/27		MM	2:1			
	CHKD: DSUN15	2017/05/03		ANGULAR TOL ± 1.0 °	DRWN BY		DATE	
	REV	APPR: RCHEN08		4 PLACES ±	MHANUMAPPARE		2017/02/27	
				3 PLACES ±	CHKD BY		DATE	
		2 PLACES ± 0.13	DSUN15	2017/04/27				
		1 PLACE ± 0.25	APPR BY	DATE	PRODUCT CUSTOMER DRAWING SERIES MATERIAL NUMBER CUSTOMER 111112 SEE SHEET 4 GENERAL MARKET			
		0 PLACES ±	RCHEN08	2017/05/03				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION		DOCUMENT NUMBER	DOC TYPE	DOC PART
			C		1111122610	PSD	ASY	3 OF 9

# PART NUMBER SELECTION

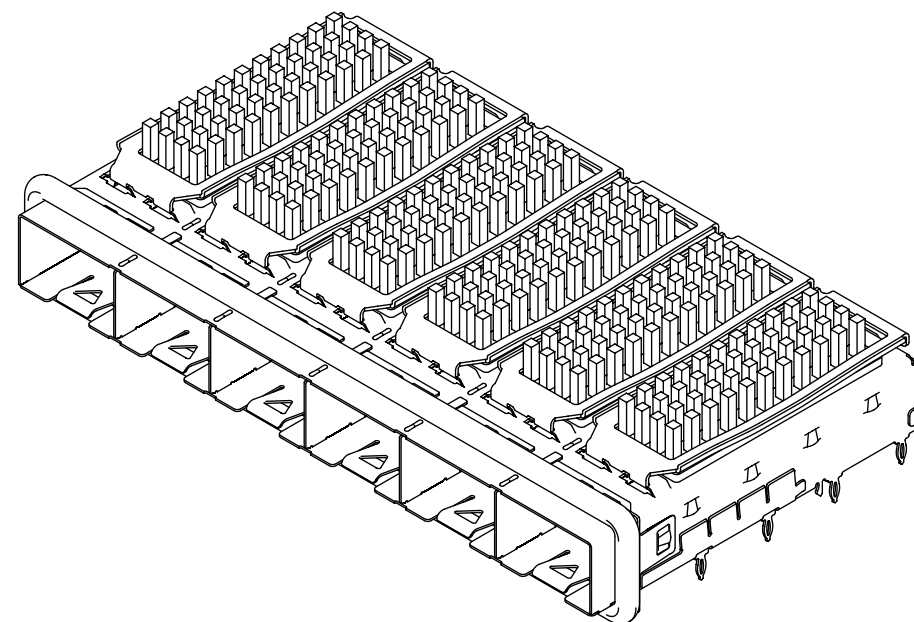
1111120610  
SHOWN



SFP+ OPEN TOP BASE CAGE FOR HEATSINKS			
PART NO.	POLYIMIDE INSOLATOR	HEATSINK	# OF REAR LEGS PER PORT
1111120610	---	---	1A, 1B
1111120650	YES	---	1A, 1B

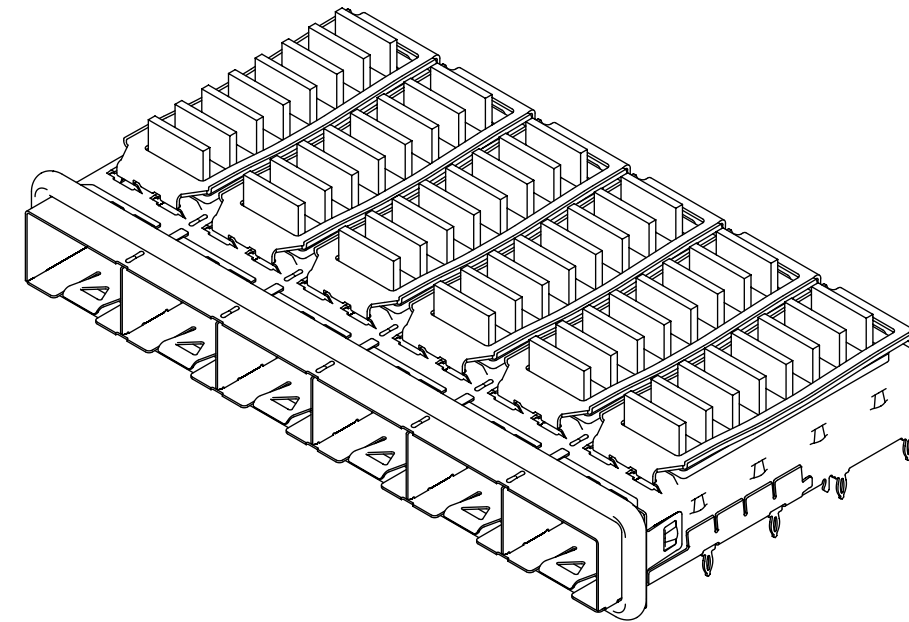
NOTE: PCI - 13 ROWS  
SAN - 11 ROWS  
NETWORKING - 10 ROWS

1111122610  
SHOWN



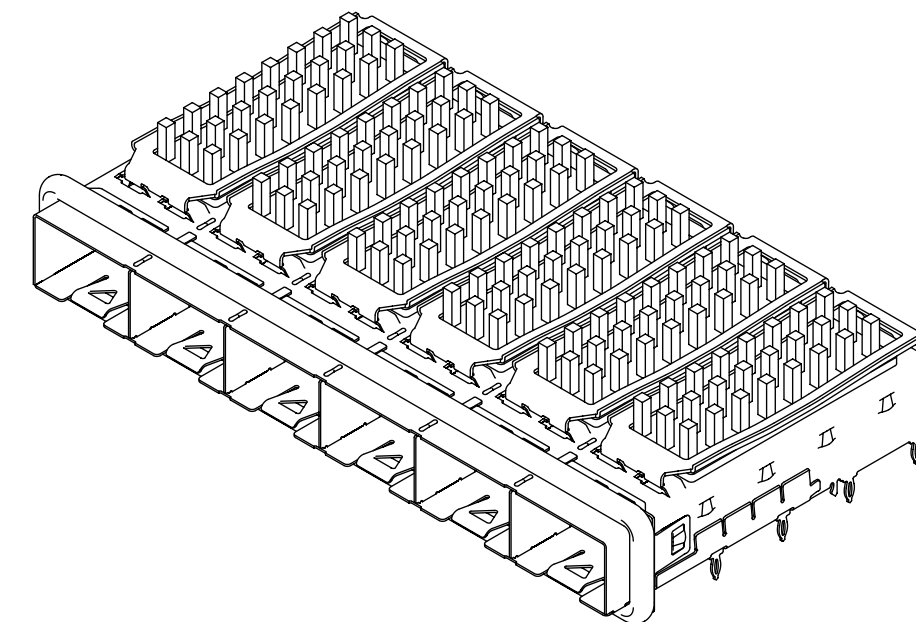
SFP+ PIN FIELD HEATSINK OPTION			
PART NO.	POLYIMIDE INSOLATOR	HEATSINK	# OF REAR LEGS PER PORT
1111121610	---	PCI	1A, 1B
1111121650	YES	PCI	1A, 1B
1111122610	---	SAN	1A, 1B
1111122650	YES	SAN	1A, 1B
1111123610	---	NET	1A, 1B
1111123650	YES	NET	1A, 1B

1111125610  
SHOWN



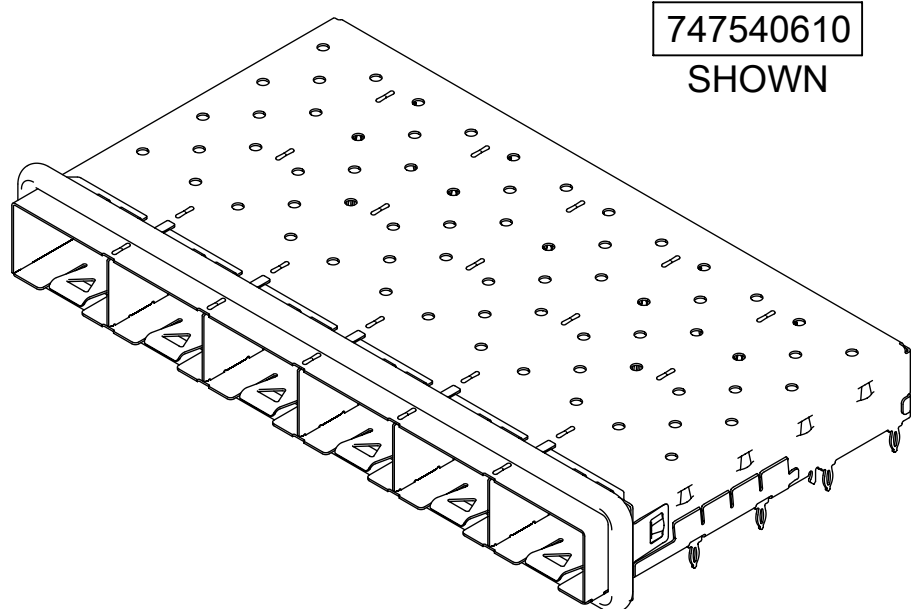
SFP+ LATERAL FIN HEATSINK OPTION			
PART NO.	POLYIMIDE INSOLATOR	HEATSINK	# OF REAR LEGS PER PORT
1111124610	---	PCI	1A, 1B
1111124650	YES	PCI	1A, 1B
1111125610	---	SAN	1A, 1B
1111125650	YES	SAN	1A, 1B
1111126610	---	NET	1A, 1B
1111126650	YES	NET	1A, 1B

1111128610  
SHOWN



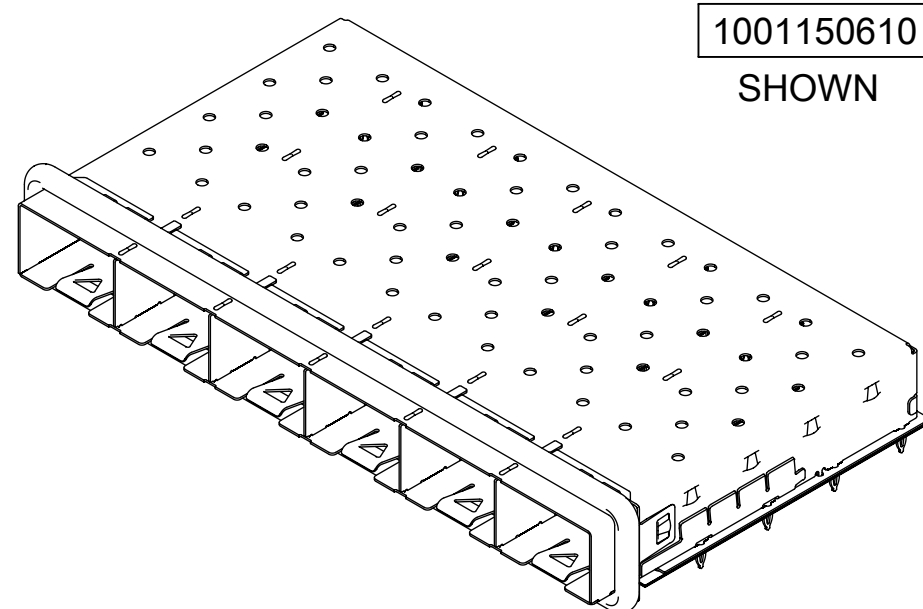
SFP+ WIDE GAP PIN FIELD HEATSINK OPTION			
PART NO.	POLYIMIDE INSOLATOR	HEATSINK	# OF REAR LEGS PER PORT
1111127610	---	PCI	1A, 1B
1111127650	YES	PCI	1A, 1B
1111128610	---	SAN	1A, 1B
1111128650	YES	SAN	1A, 1B
1111129610	---	NET	1A, 1B
1111129650	YES	NET	1A, 1B

747540610  
SHOWN



SFP+ CLOSED TOP CAGE			
PART NO.	POLYIMIDE INSOLATOR	HEATSINK	# OF REAR LEGS PER PORT
747540610	---	---	1A, 1B
747540611	---	---	3A
747540613	---	---	1A, 1B

1001150610  
SHOWN



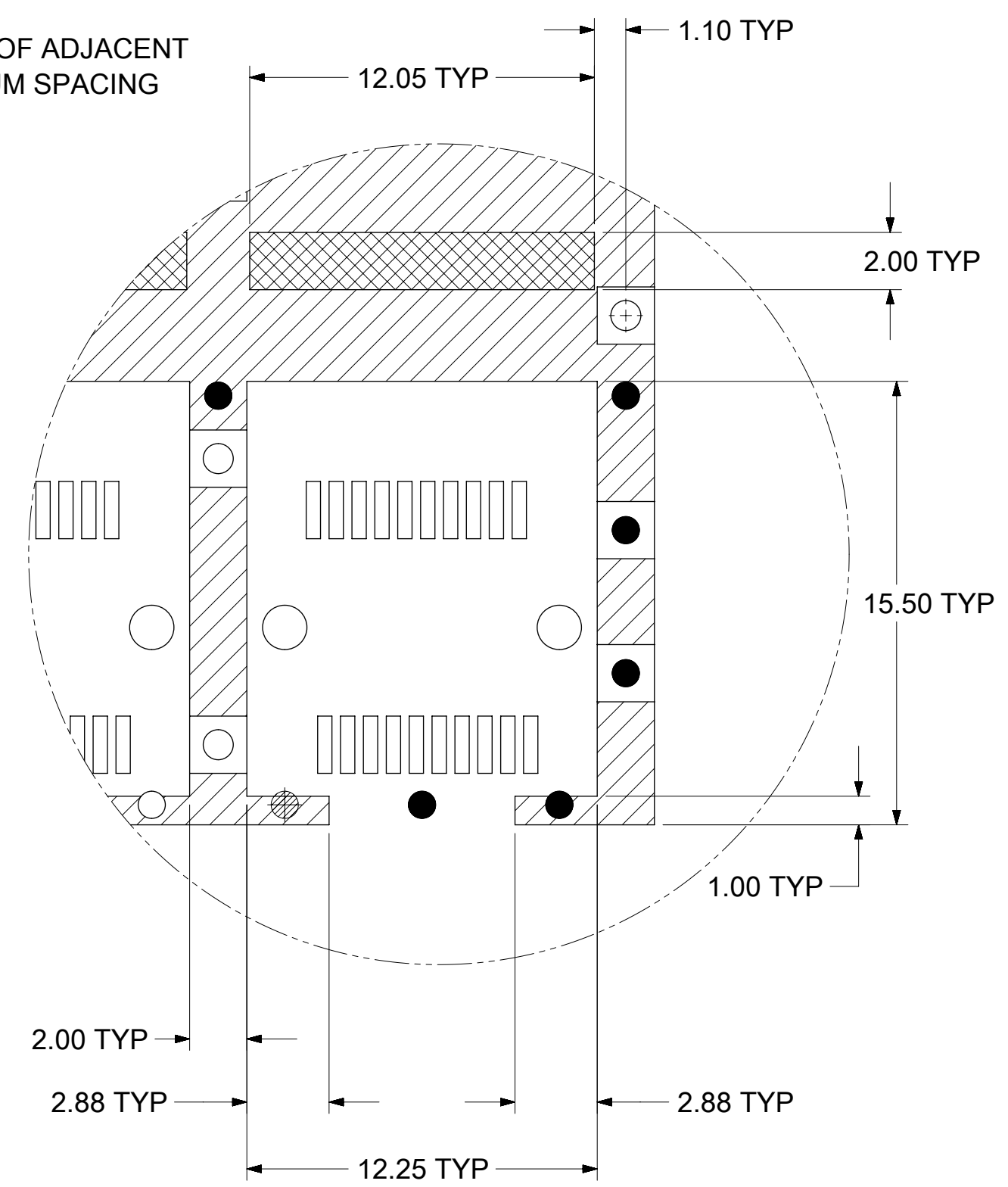
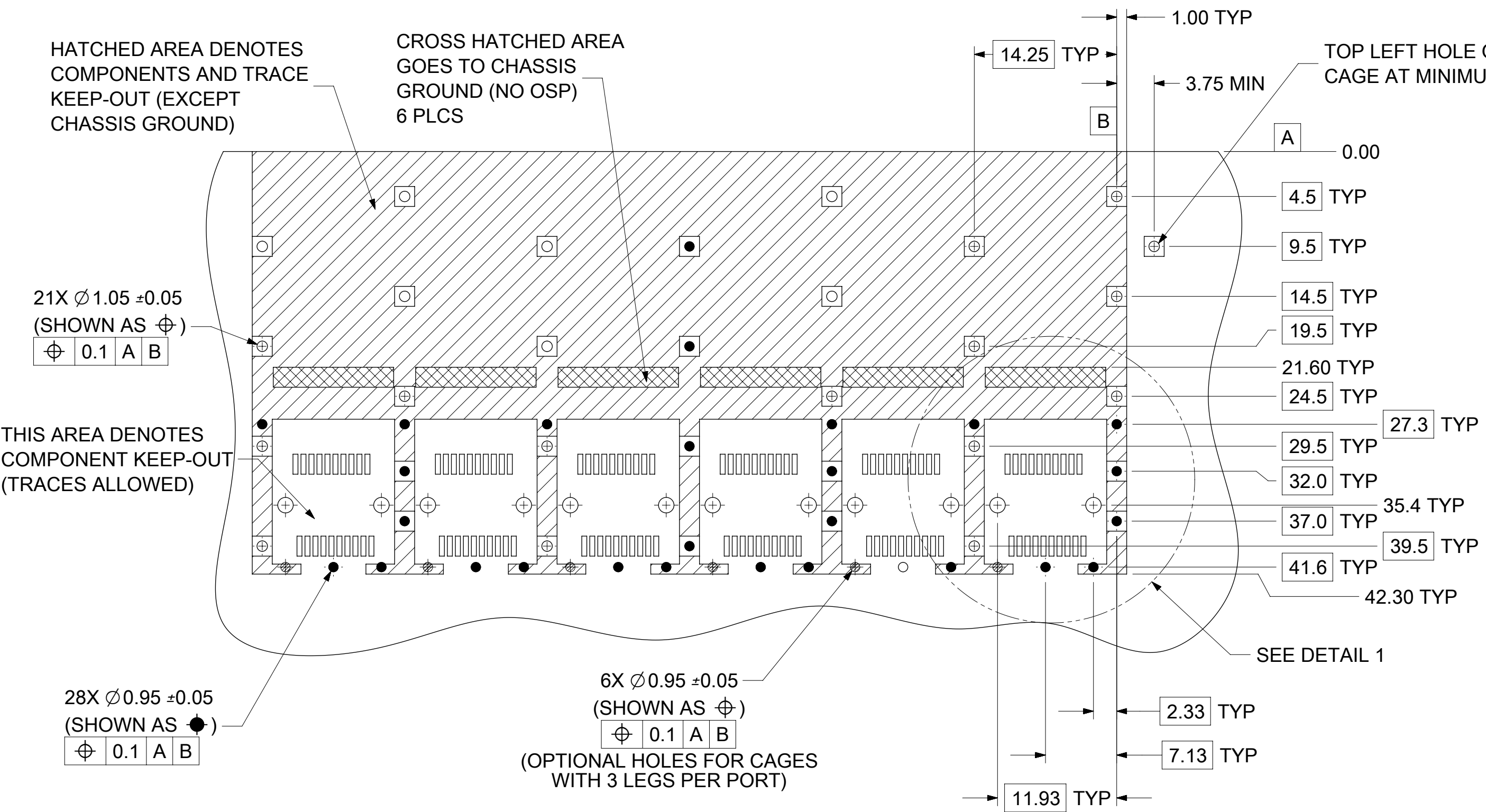
zSFP+ GEN 2 CLOSED TOP BASE CAGE			
PART NO.	POLYIMIDE INSOLATOR	HEATSINK	# OF REAR LEGS PER PORT
1001150610	---	---	1A, 1B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE REVISION TABLE EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 REV / APPR: RCHEN08	2017/02/27	2017/04/27	2017/05/03	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS MM	SCALE 1.25:1	
	DRWN BY MHANUMAPPARE		DATE 2017/02/27		DRWN BY MHANUMAPPARE	DATE 2017/02/27	
	CHKD BY DSUN15		DATE 2017/04/27		CHKD BY DSUN15	DATE 2017/04/27	
	APPR BY RCHEN08		DATE 2017/05/03		APPR BY RCHEN08	DATE 2017/05/03	
	DRAWING SIZE C		THIRD ANGLE PROJECTION				
SERIES 111112			MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		
DOCUMENT NUMBER 1111122610			DOC TYPE PSD		DOC PART ASY		SHEET NUMBER 4 OF 9

# PCB LAYOUT FOR SINGLE SIDE MOUNT

## HOST CONNECTOR DETAIL

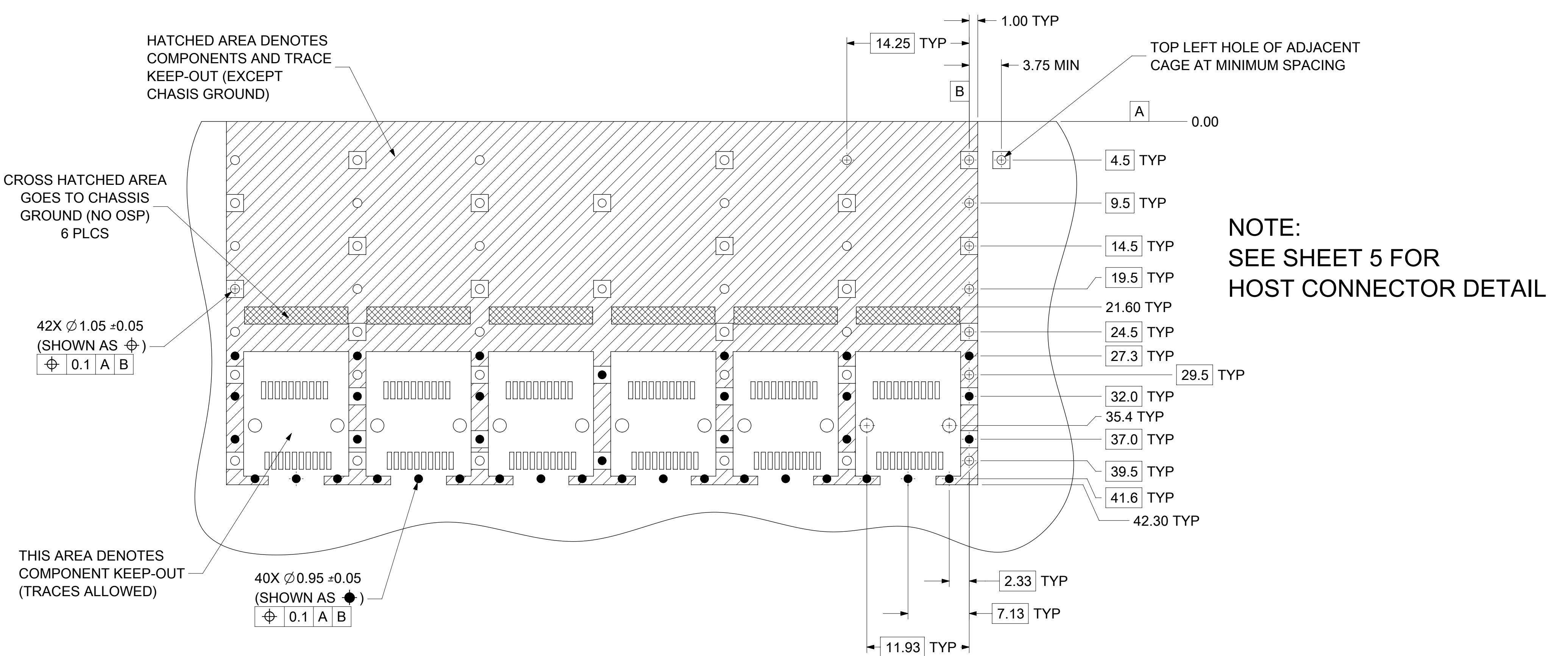


DETAIL 1  
SCALE 5:1

- 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.
  - HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
  - MIN PCB THICKNESS FOR SINGLE SIDED USE: 1.57mm.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SEE REVISION TABLE	EC NO:	116175	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	<b>molex</b>					
	DRWN:	MHANUMAPPARE	ANGULAR TOL $\pm 1.0^\circ$	MM	2.5:1						
	CHKD:	DSUN15	4 PLACES $\pm$	DRWN BY	DATE	1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET					
	REV:	APPR: RCHEN08	3 PLACES $\pm$	CHKD BY	DATE	PRODUCT CUSTOMER DRAWING					
			2 PLACES $\pm 0.13$	DSUN15	2017/04/27	SERIES	MATERIAL NUMBER	CUSTOMER			
		1 PLACE $\pm 0.25$	RCHEN08	2017/05/03	111112	SEE SHEET 4	GENERAL MARKET				
		0 PLACES $\pm$	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	
			C		C		111122610	PSD	ASY	5 OF 9	

# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



**NOTE:**  
SEE SHEET 5 FOR  
HOST CONNECTOR DETAIL

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

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

42X  $\varnothing 1.05 \pm 0.05$   
(SHOWN AS  $\oplus$ )  
 $\oplus$  0.1 A B

THIS AREA DENOTES  
COMPONENT KEEP-OUT  
(TRACES ALLOWED)

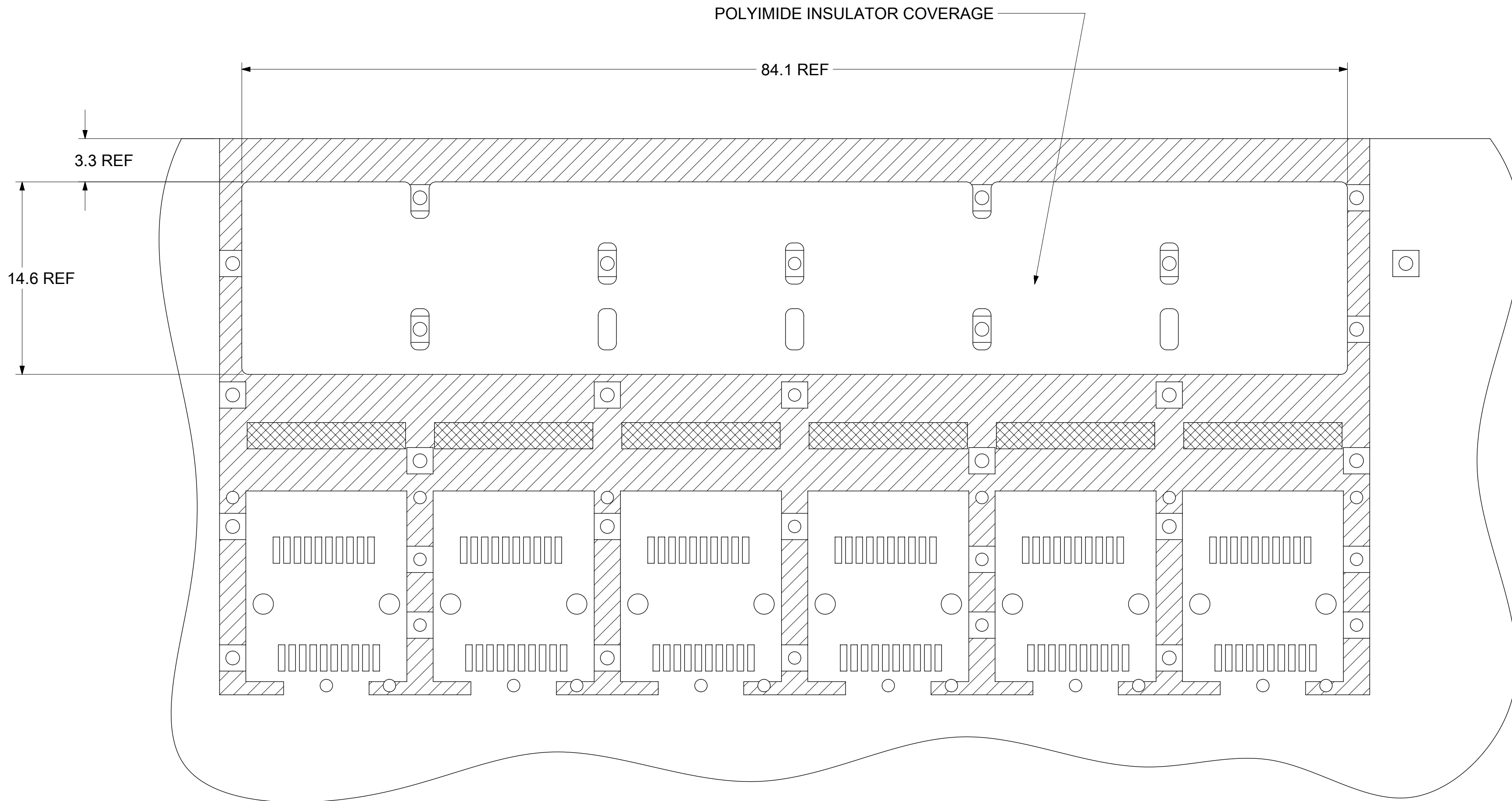
40X  $\varnothing 0.95 \pm 0.05$   
(SHOWN AS  $\bullet$ )  
 $\bullet$  0.1 A B

- 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.
  5. MIN PCB THICKNESS FOR BELLY TO BELLY USE: 3.00mm.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SEE REVISION TABLE	EC NO:	116175	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	<b>molex</b>					
	DRWN:	MHANUMAPPARE	ANGULAR TOL $\pm 1.0^\circ$	MM	3:1						
	CHKD:	DSUN15	4 PLACES $\pm$	DRWN BY	DATE	1X6 SFP+ CAGE. 120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET					
	REV:	APPR: RCHEN08	3 PLACES $\pm$	MHANUMAPPARE	2017/02/27						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			2 PLACES $\pm 0.13$	CHKD BY	DATE	PRODUCT CUSTOMER DRAWING				
			1 PLACE $\pm 0.25$	DSUN15	2017/04/27						
			0 PLACES $\pm$	APPR BY	DATE	SERIES MATERIAL NUMBER CUSTOMER					
				RCHEN08	2017/05/03						
				DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	
				C		1111122610		PSD	ASY	6 OF 9	

# POLYIMIDE INSULATOR COVERAGE AREA

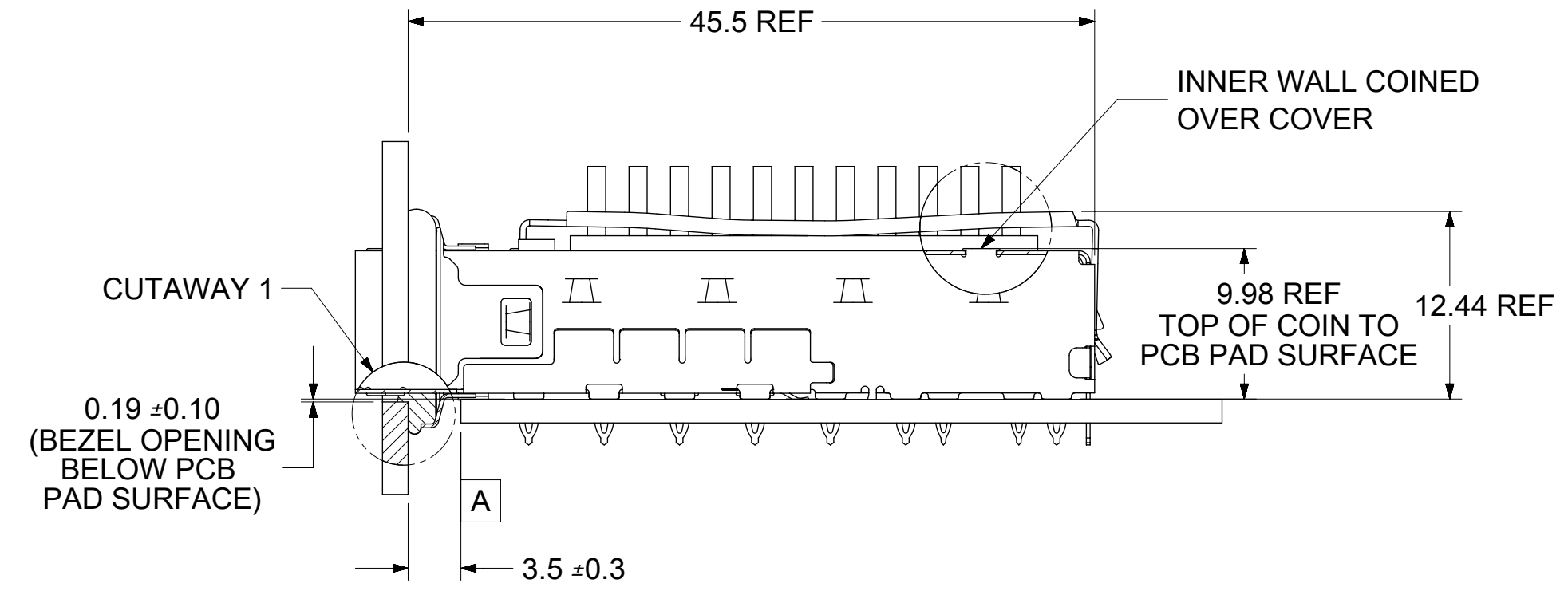
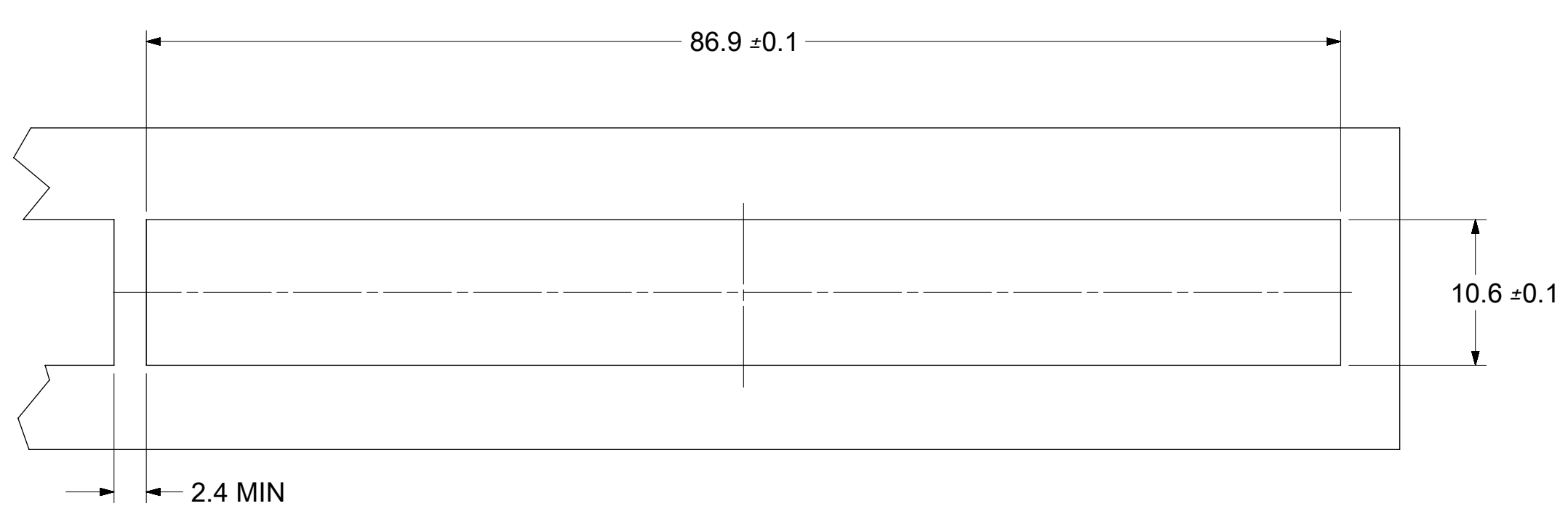
(APPLIES TO SINGLE SIDED AND BELLY TO BELLY)



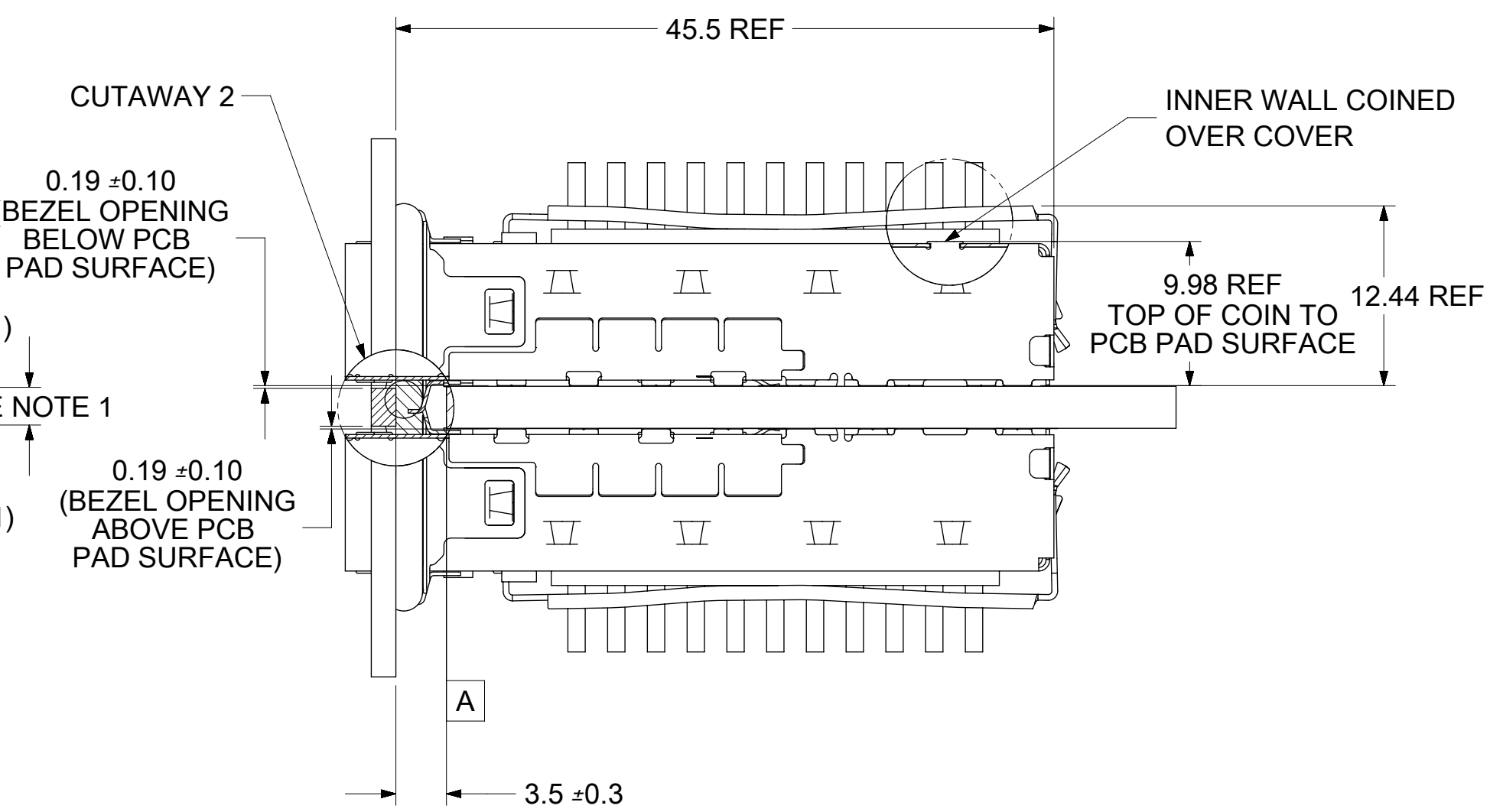
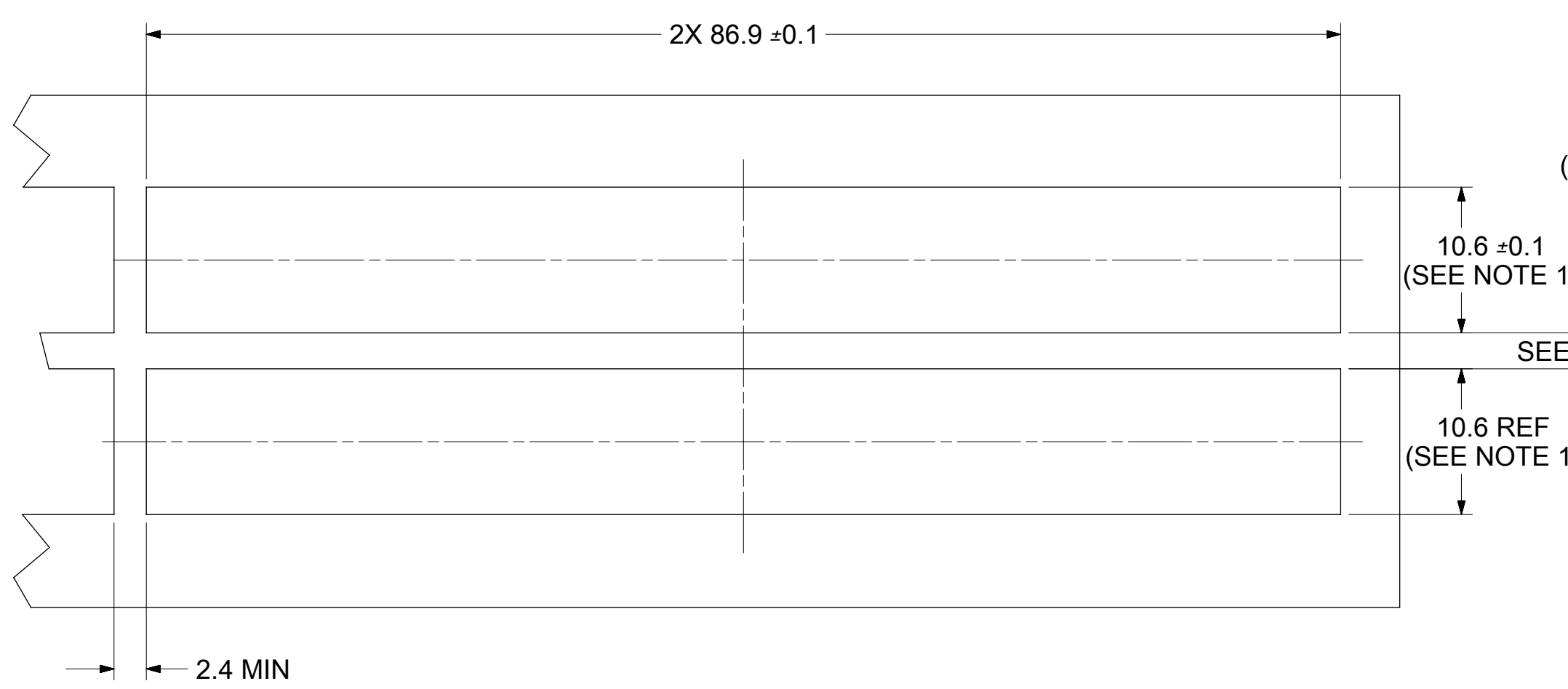
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SEE REVISION TABLE EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 REV / APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	
	ANGULAR TOL ± 1.0 °		MM	4:1	
	4 PLACES ±	DRWN BY	DATE		
	3 PLACES ±	MHANUMAPPARE	2017/02/27		
	2 PLACES ± 0.13	CHKD BY	DATE		
1 PLACE ± 0.25	DSUN15	2017/04/27			
0 PLACES ±	APPR BY	DATE			
	RCHEN08	2017/05/03			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE	THIRD ANGLE PROJECTION		
		C			
		SERIES	MATERIAL NUMBER	CUSTOMER	
		111112	SEE SHEET 4	GENERAL MARKET	
		DOCUMENT NUMBER		DOC TYPE	DOC PART SHEET NUMBER
		1111122610		PSD	ASY 7 OF 9

# BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING (ELASTOMERIC GASKET)



# BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING (ELASTOMERIC GASKET)

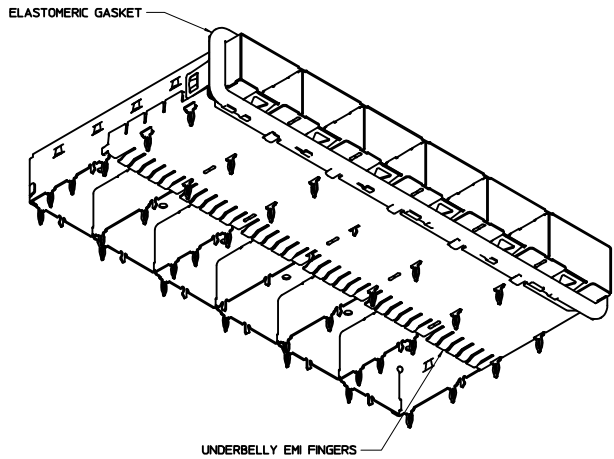
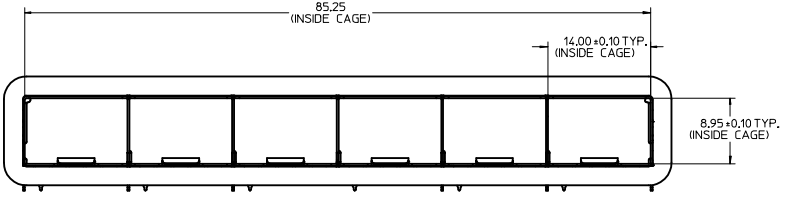
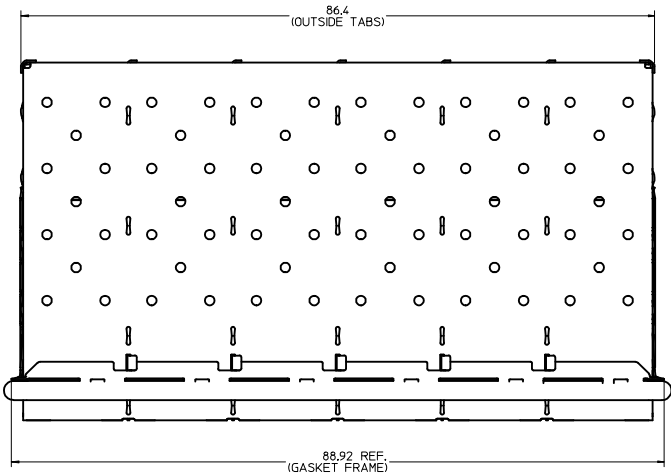


**NOTE:**  
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.

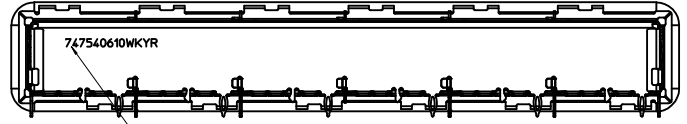
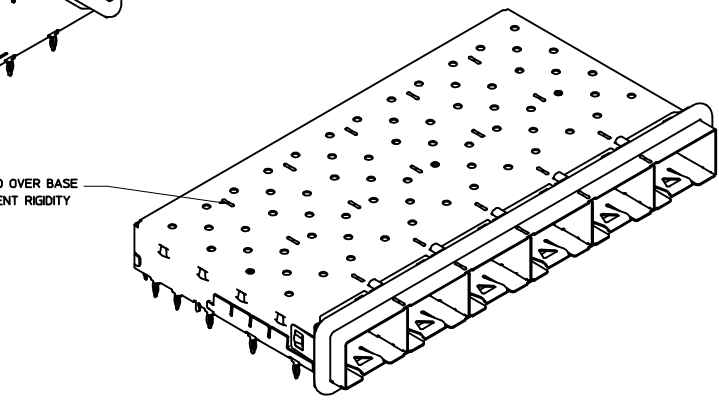
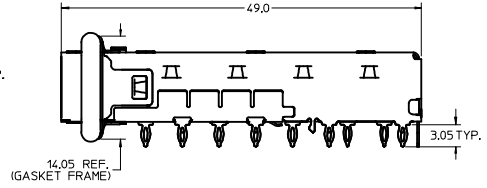
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
SEE REVISION TABLE	EC NO: 116175	2017/02/27	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	<b>molex</b> 1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET					
	DRWN: MHANUMAPPARE	2017/04/27	ANGULAR TOL ± 1.0 °		MM	2.5:1						
	CHKD: DSUN15	2017/05/03	4 PLACES ±	3 PLACES ±	DRWN BY	DATE	PRODUCT CUSTOMER DRAWING					
	REV: APPR: RCHEN08	2017/05/03	2 PLACES ± 0.13	1 PLACE ± 0.25	MHANUMAPPARE	2017/02/27						
	E	R	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	RCHEN08	2017/05/03	SERIES	MATERIAL NUMBER	CUSTOMER	GENERAL MARKET		
	C	THIRD ANGLE PROJECTION	DRAWING SIZE	111112	SEE SHEET 4	GENERAL MARKET	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER	8 OF 9	







INNER WALLS ARE CONED OVER BASE AND COVER FOR EXCELLENT RIGIDITY



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

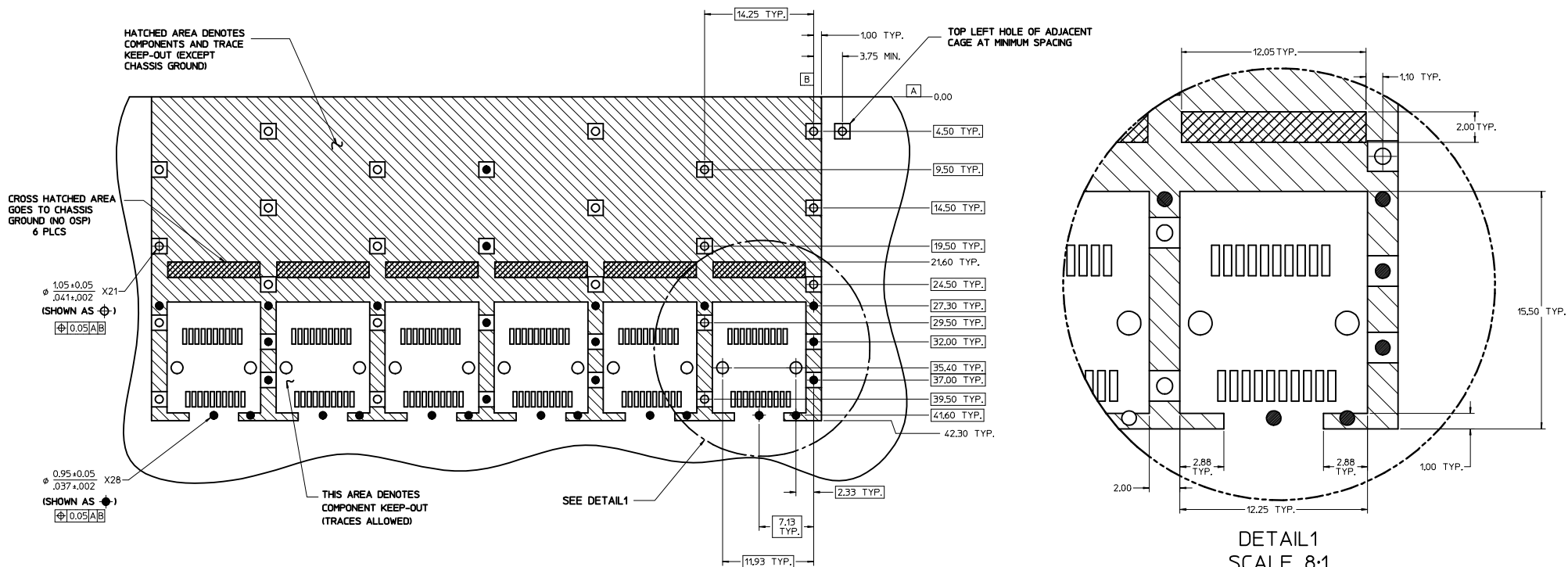
WEEK/YEAR DATE CODE TABLE		
WEEK - 01 THRU 52	EXAMPLE: 01 - FIRST WEEK OF YEAR	52 - LAST WEEK OF YEAR
YEAR - 08 OR 09, ETC.	EXAMPLE: 2008 - YEAR 08	

NOTES:

- MATERIAL:**  
CAGE: NICKEL PLATED 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**
- PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANSCEIVERS**
- THIS PART MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS) DIRECTIVE (2002/95/EC)**

REVISED IEC NO. USY2011-0268 DRAWN BY: M. INSKI 2010/10/19 CHYK: APPR: K. JANOTA 2010/10/21 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	MM ONLY	3:1	METRIC	DRAWN BY DATE CHIRSCY 2007/05/04 CHECKED BY DATE BRUSSELL 2007/05/04 APPROVED BY DATE K.JANOTA 2010/10/21	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 747540610		DOCUMENT NO. SD-74754-0610		TITLE
			SIZE D		MOLEX INCORPORATED		SFP+ 1X6 GANGED CAGE W/ ELASTOMER GASKET MOLEX INCORPORATED SHEET NO. 1 OF 4

# PCB LAYOUT FOR SINGLE SIDE MOUNT

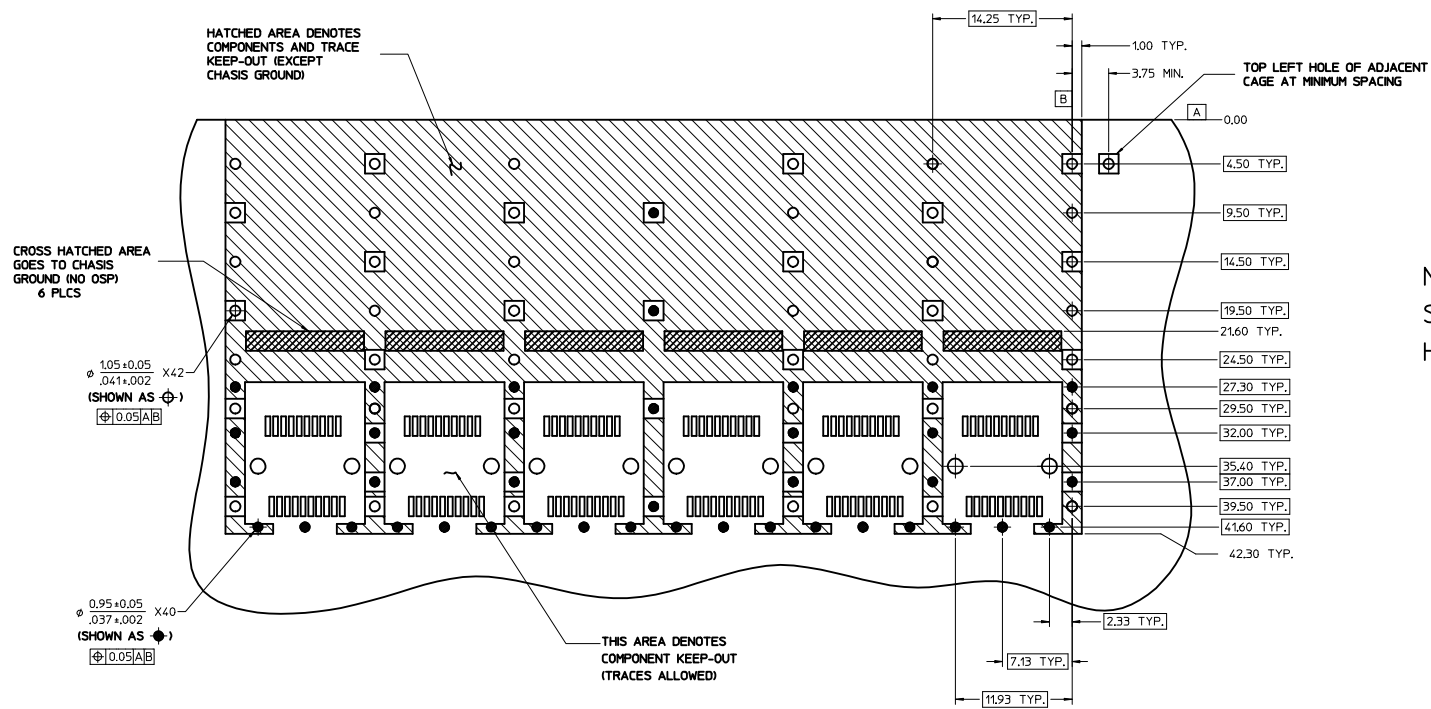


**NOTES:**

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>REVISED</b> EEC NO. USY2011-0268 DRAWN BY: INSKI 2010/10/19 CHYK: APPR: KJANOTA 2010/10/21 REV DESCRIPTION	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td><math>\pm .15</math></td> <td><math>\pm .005</math></td> </tr> <tr> <td>3 PLACES</td> <td><math>\pm .15</math></td> <td><math>\pm .005</math></td> </tr> <tr> <td>2 PLACES</td> <td><math>\pm 0.15</math></td> <td><math>\pm .005</math></td> </tr> <tr> <td>1 PLACE</td> <td><math>\pm 0.25</math></td> <td><math>\pm .010</math></td> </tr> <tr> <td colspan="3">ANGULAR <math>\pm 1^\circ</math></td> </tr> </table>			mm	INCH	4 PLACES	$\pm .15$	$\pm .005$	3 PLACES	$\pm .15$	$\pm .005$	2 PLACES	$\pm 0.15$	$\pm .005$	1 PLACE	$\pm 0.25$	$\pm .010$	ANGULAR $\pm 1^\circ$			DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																							
	4 PLACES	$\pm .15$	$\pm .005$																							
	3 PLACES	$\pm .15$	$\pm .005$																							
2 PLACES	$\pm 0.15$	$\pm .005$																								
1 PLACE	$\pm 0.25$	$\pm .010$																								
ANGULAR $\pm 1^\circ$																										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWN BY: CHIRSCHY 2007/05/04 CHECKED BY: BRUSSELL 2007/05/04 APPROVED BY: KJANOTA 2010/10/21		TITLE <b>SFP+ 1X6 GANGED CAGE W/ ELASTOMER GASKET</b>																						
MATERIAL NO. <b>747540610</b>		DOCUMENT NO. <b>SD-74754-0610</b>		MOLEX INCORPORATED																						
SIZE <b>D</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. <b>2 OF 4</b>																						

# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



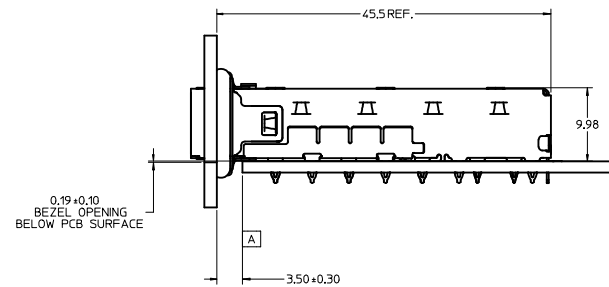
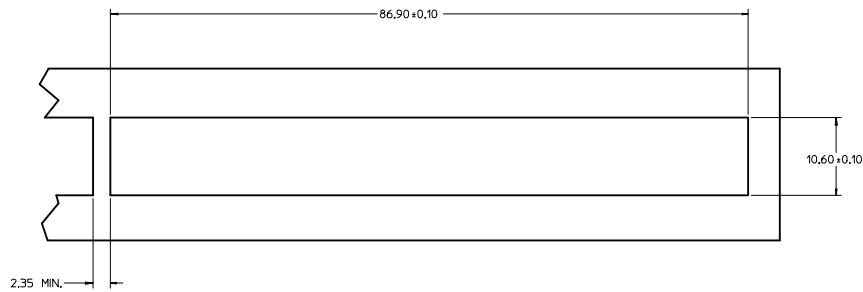
NOTE:  
SEE SHEET 2 FOR  
HOST CONNECTOR DETAIL

**NOTES:**

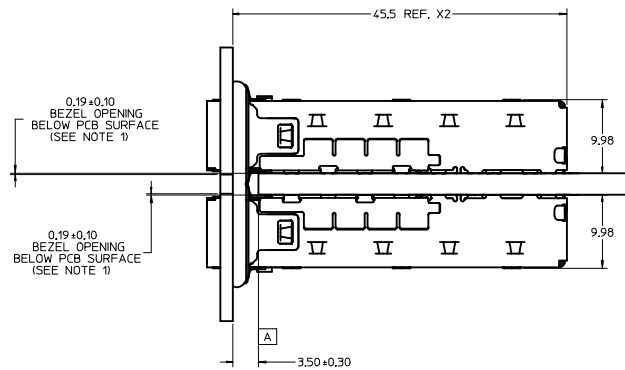
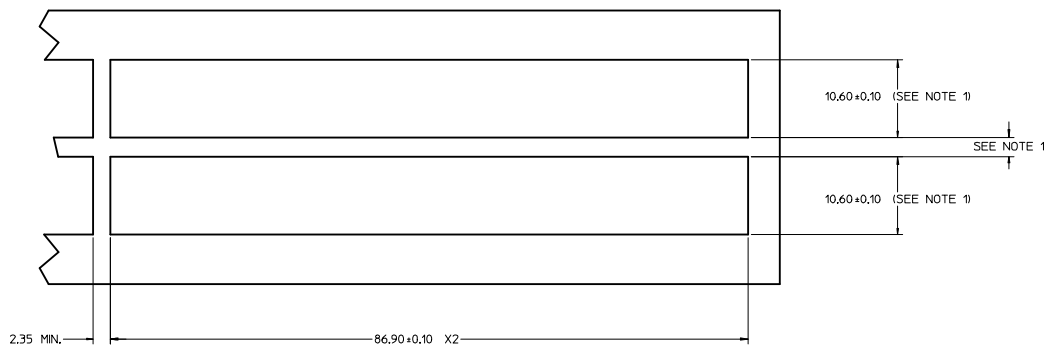
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH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

REVISED E.C. NO. USY2011-0268 DRAWN BY: INSKI 2010/10/19 CHKD: APPR: KJANOTA 2010/10/21 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1°	MM ONLY 4:1 METRIC	DRAWN BY: CHIRSCHY CHECKED BY: BRUSSELL APPROVED BY: KJANOTA DATE: 2007/05/04 DATE: 2007/05/04 DATE: 2010/10/21	TITLE: SFP+ 1X6 GANGED CAGE W/ ELASTOMER GASKET	MATERIAL NO. 747540610 DOCUMENT NO. SD-74754-0610
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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  
(GASKET)



BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING  
(GASKET)



NOTES:

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

REVISED EC NO. USY2011-0268 DRAWN BY: M. INSKI 2010/10/19 CHKD: APPR: K. JANOTA 2010/10/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																													
	<p>▽=0</p> <p>▽=0</p>	<table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <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 colspan="2">ANGULAR</td><td>± 1°</td></tr> </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	ANGULAR		± 1°	<table border="1"> <tr><th>DRAWN BY</th><th>DATE</th></tr> <tr><td>CHIRSCHY</td><td>2007/05/04</td></tr> <tr><th>CHECKED BY</th><th>DATE</th></tr> <tr><td>BRUSSELL</td><td>2007/05/04</td></tr> <tr><th>APPROVED BY</th><th>DATE</th></tr> <tr><td>K. JANOTA</td><td>2010/10/21</td></tr> </table>	DRAWN BY	DATE	CHIRSCHY	2007/05/04	CHECKED BY	DATE	BRUSSELL	2007/05/04	APPROVED BY	DATE	K. JANOTA	2010/10/21	TITLE SFP+ 1X6 GANGED CAGE W/ ELASTOMER GASKET	MATERIAL NO. 747540610
	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																																	
ANGULAR		± 1°																																	
DRAWN BY	DATE																																		
CHIRSCHY	2007/05/04																																		
CHECKED BY	DATE																																		
BRUSSELL	2007/05/04																																		
APPROVED BY	DATE																																		
K. JANOTA	2010/10/21																																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																	