

12111010987654321

3D MODEL: 111122610 PSM ASY

BASE CAGE DETAILS

(APPLIES TO ALL CAGES IN THIS DRAWING)

747540610

SHOWN

86.4

(OUTSIDE TABS)

49.0 REF

88.9 REF

(ACROSS FRAME)

NOTE:

EMI GASKET REMOVED FROM THIS VIEW FOR CLARITY.

90.95 REF

(EMI GASKET UNCOMPRESSED)

85.3 REF

(INSIDE TO INSIDE)

6X 14.0 ±0.1

(INSIDE TO INSIDE OF PORT)

14.85 REF

(EMI GASKET UNCOMPRESSED)

8.95 ±0.10

(INSIDE TO INSIDE)

14.05 REF

(ACROSS FRAME)

49.0 REF

3.05 REF

NOTE:

EMI GASKET REMOVED FROM THIS VIEW FOR CLARITY.

INNER WALLS ARE COINED FOR EXTRA RIGIDITY

360° SOFT ELASTOMERIC GASKET

INNER WALL TABS WELDED

XXXXXXXXXXWWYY

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

NOTES:

1. 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.

2. PRESS FIT LEGS 3.05mm LONG:

3. 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.

4. WELD SPOT MAY SHOW SLIGHT MATERIAL DISCOLORATION.

5. NO RoHS EXEMPTIONS.

6. 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

E

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

DRWN BY

MHANUMAPPARE

CHK'D BY

DSUN15

APPR BY

RCHEN08

DRAWING SIZE

C

SCALE

2:1

DATE

2017/02/27

DATE

2017/04/27

DATE

2017/05/03

THIRD ANGLE PROJECTION

111112

1111122610

PSD

1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET

PRODUCT CUSTOMER DRAWING

111112

SEE SHEET 4

GENERAL MARKET

DOC TYPE

PSD

DOC PART

ASY

SHEET NUMBER

1 OF 9

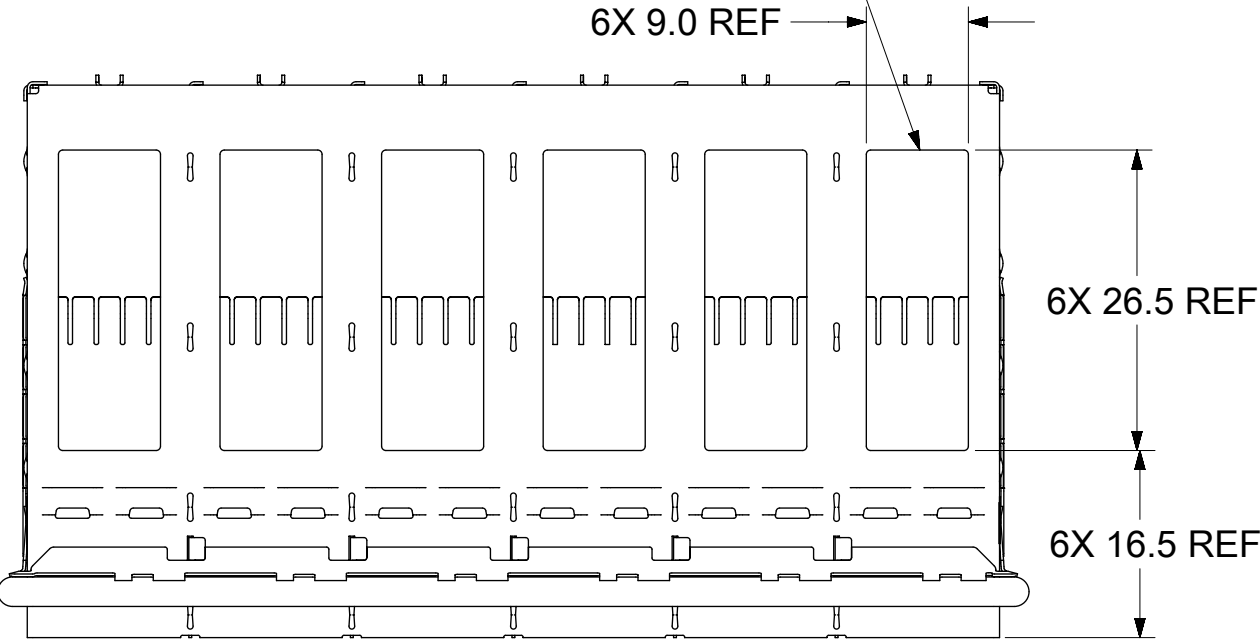
12111010987654321

RELEASE STATUS P1 RELEASE DATE 03.05.2017 06:33:50

12111010987654321

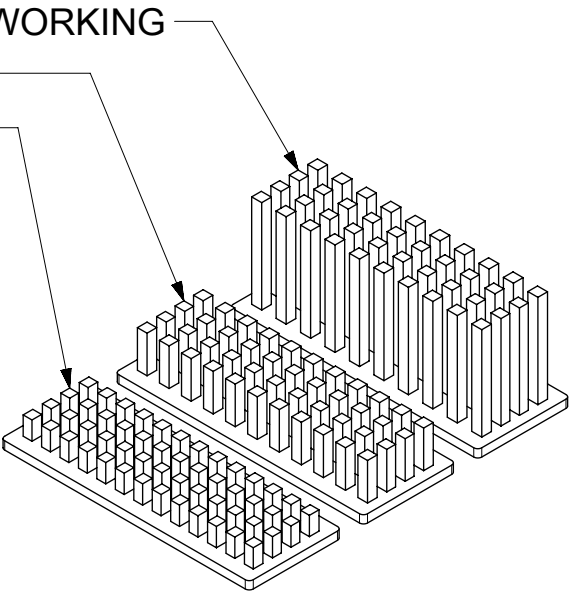
CAGE ASSEMBLY OPTIONS

OPEN TOP  
1111120610  
SHOWN  
(APPLIES TO ALL  
OPEN TOP CAGES)



HEATSINK OPTIONS

PIN FIELD NETWORKING  
PIN FIELD SAN  
PIN FIELD PCI



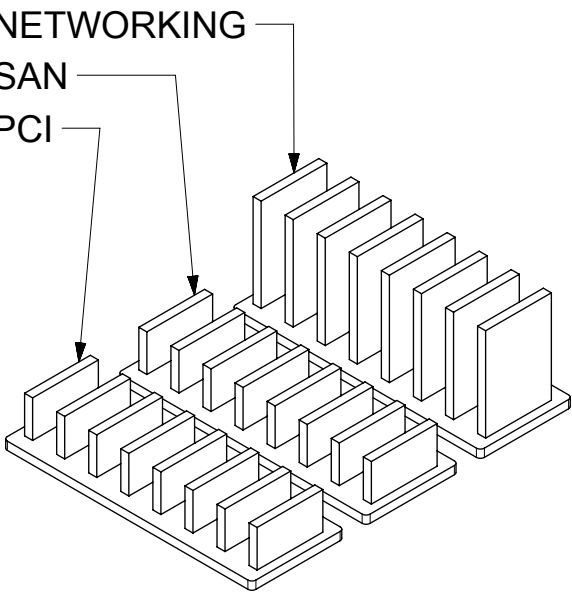
OVERALL HEATSINK HEIGHT

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

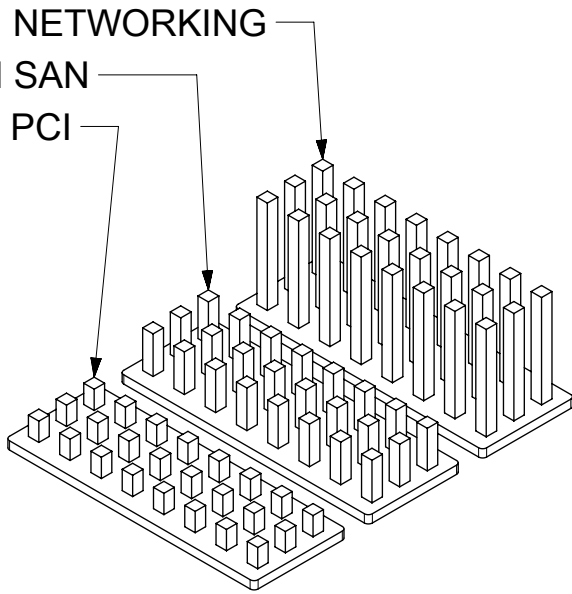


OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

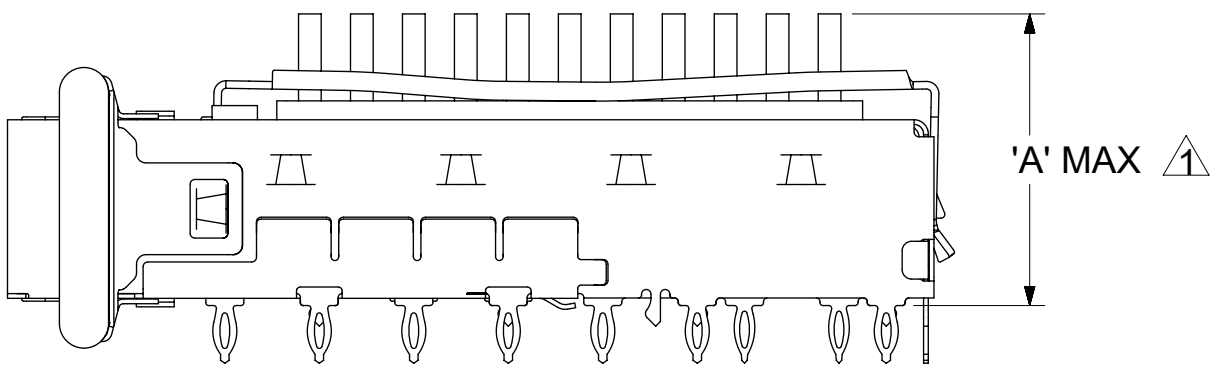
HEATSINK OPTIONS

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

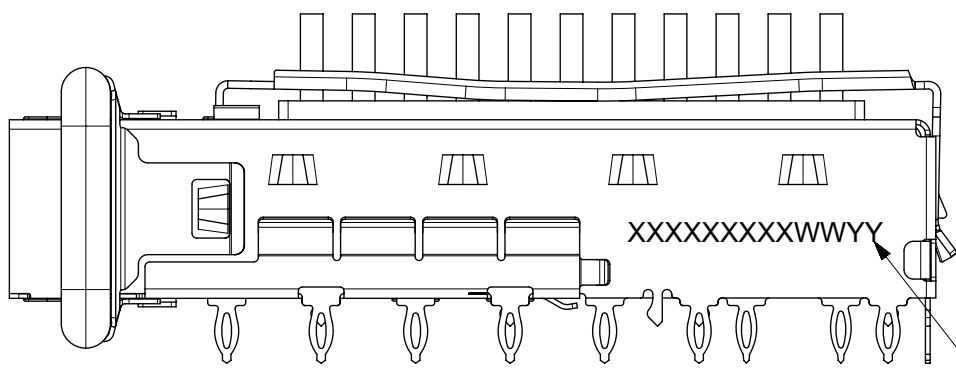
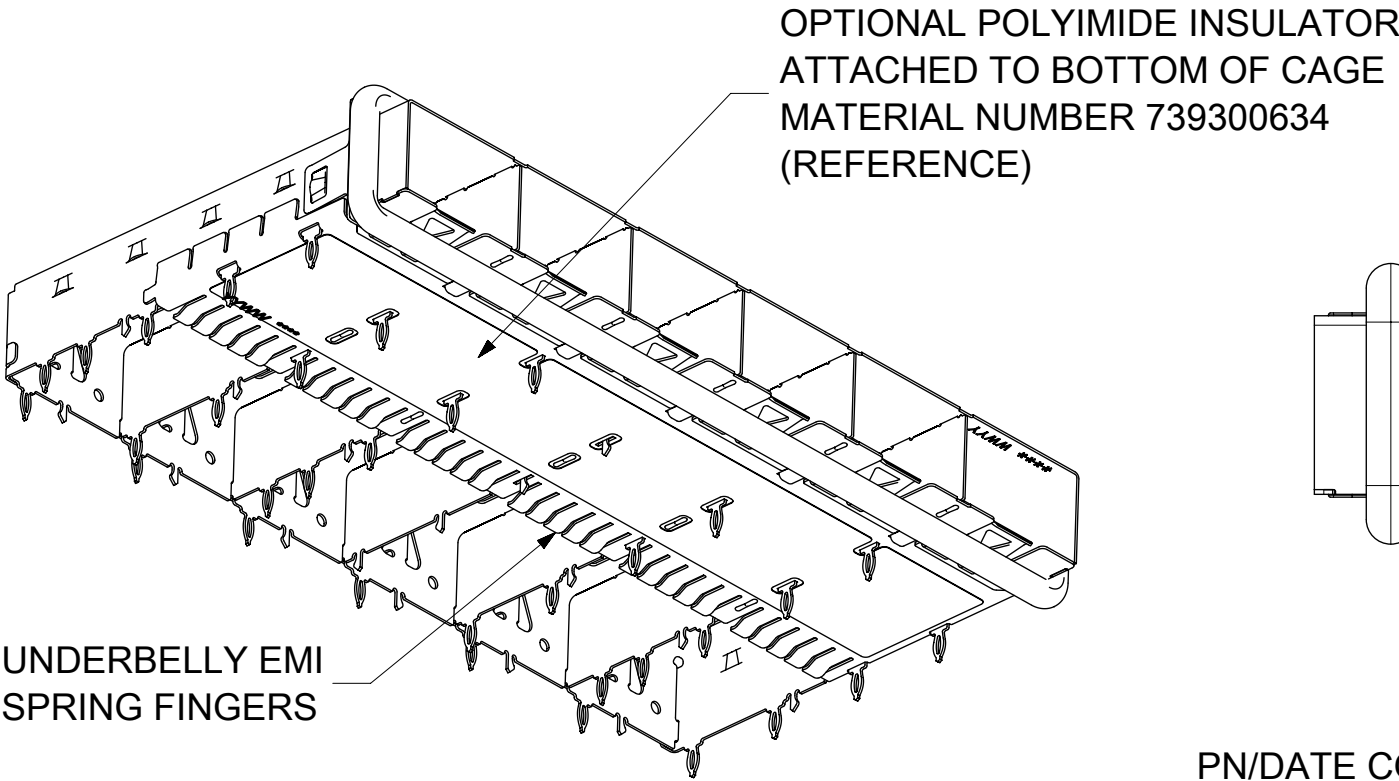


OVERALL HEATSINK HEIGHT

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.

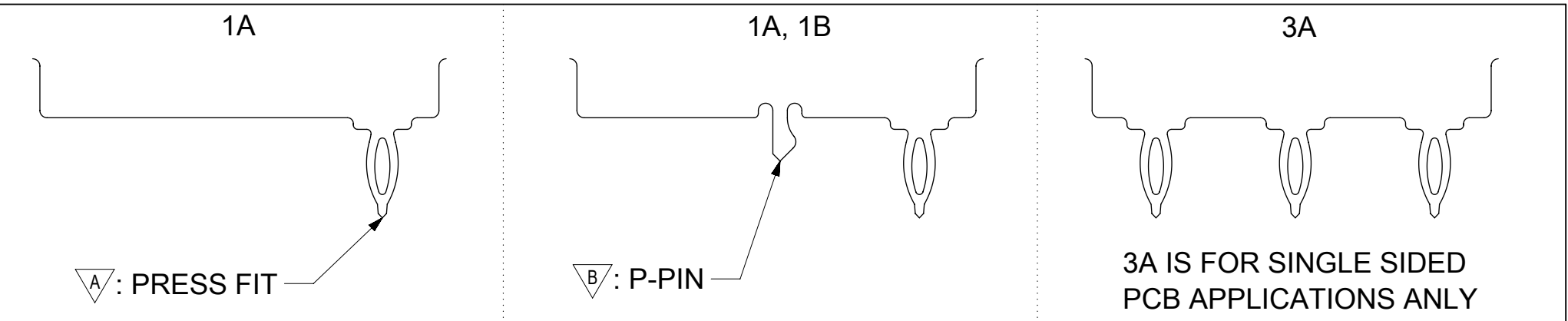


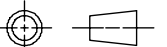
PN/DATE CODE TO BE PRINTED ON THE SIDE OF  
COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

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)



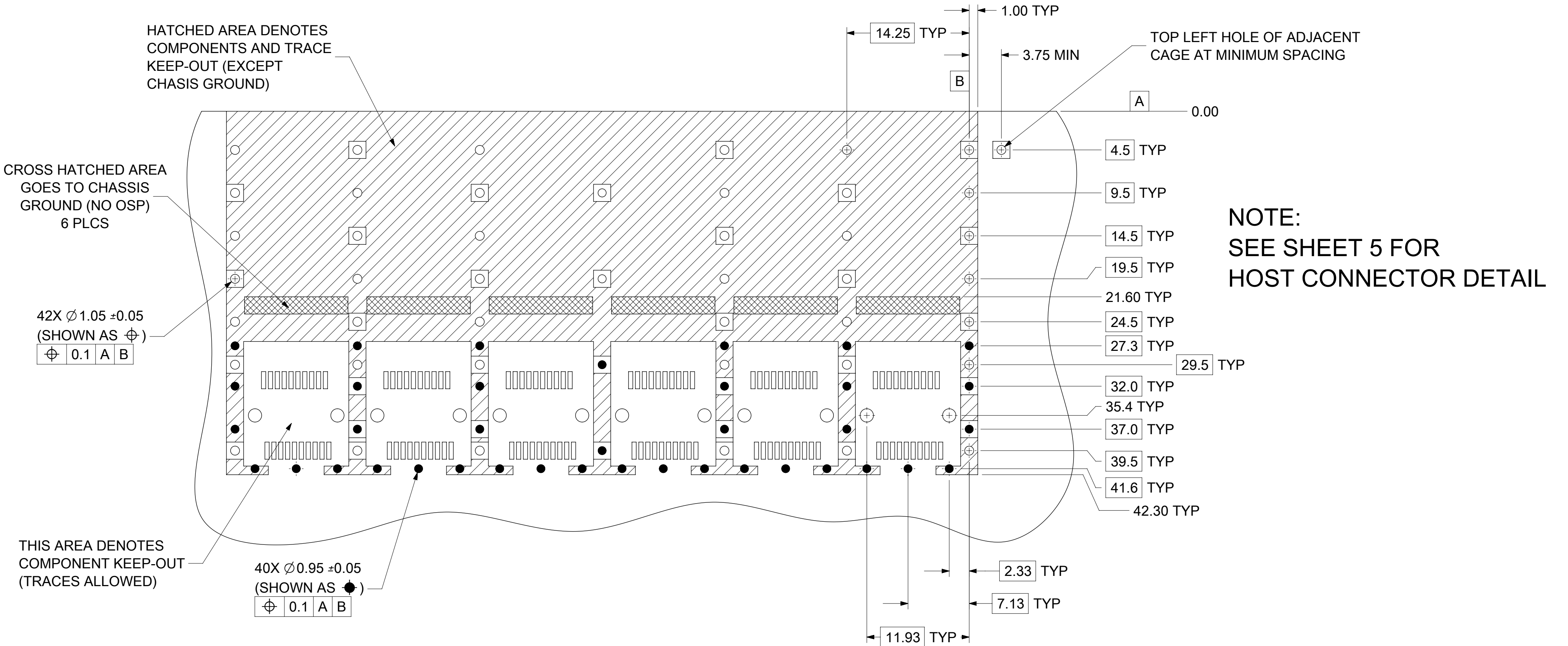
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
SEE REVISION TABLE EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 APPR: RCHEN08	2017/02/27 2017/04/27 2017/05/03	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div> <div>1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET</div>					
					MM		1.5:1							
			ANGULAR TOL ± 1.0 °		DRWN BY		DATE							
			4 PLACES ±				MHANUMAPPARE		2017/02/27		PRODUCT CUSTOMER DRAWING			
			3 PLACES ±				CHKD BY		DATE					
			2 PLACES ± 0.13				DSUN15		2017/04/27		SERIES MATERIAL NUMBER CUSTOMER			
			1 PLACE ± 0.25				APPR BY		DATE					
			0 PLACES ±				RCHEN08		2017/05/03					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER			
							C							
E								111112		SEE SHEET 4		GENERAL MARKET		
								1111122610		PSD		ASY 2 OF 9		



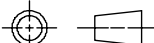




PCB LAYOUT FOR BELLY TO BELLY MOUNTING

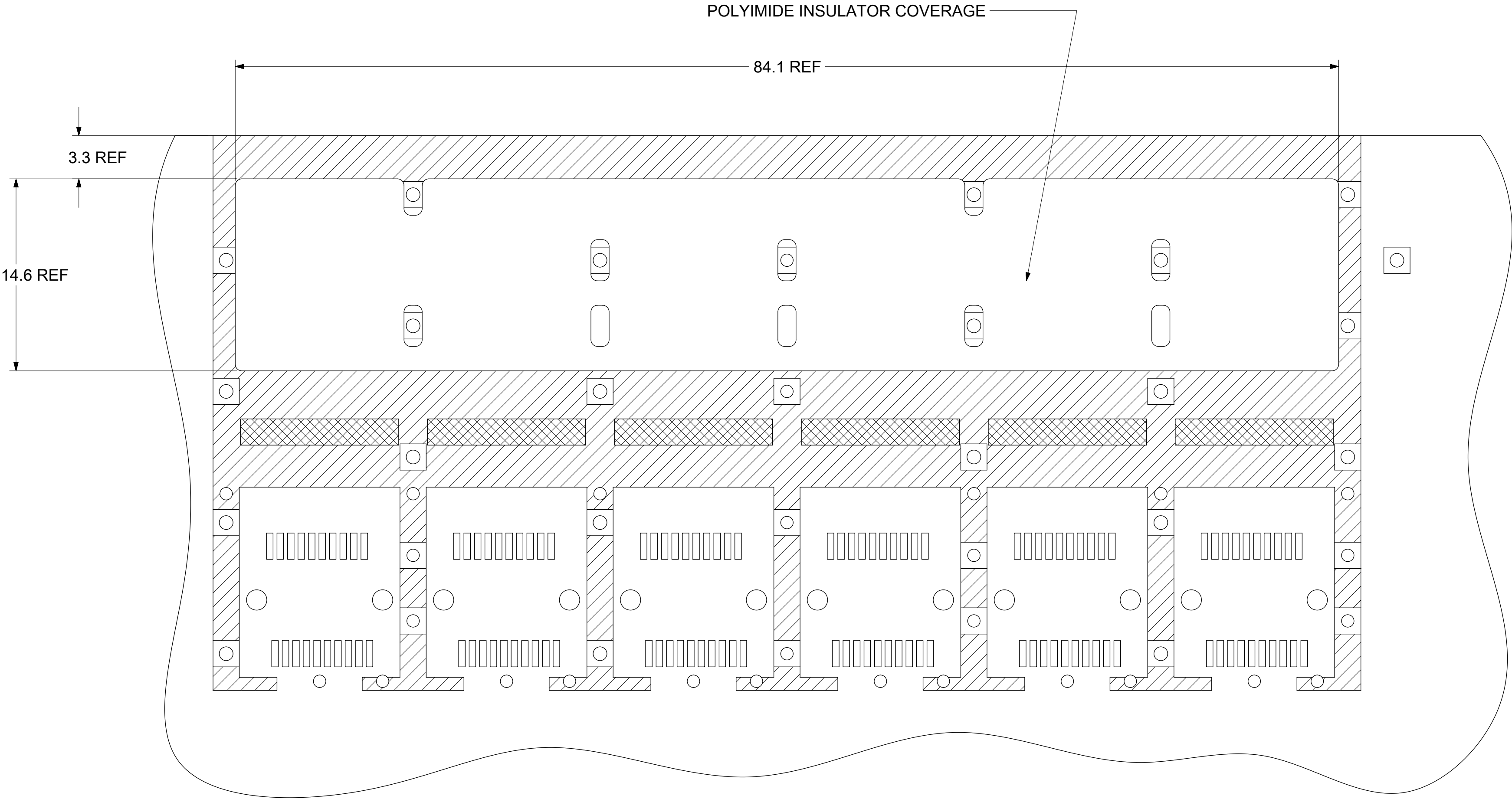


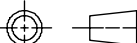
- NOTES:
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMEND PADS TO BE 2.00mm SQUARE)
  2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
  3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
  4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
  5. MIN PCB THICKNESS FOR BELLY TO BELLY USE: 3.00mm.

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SEE REVISION TABLE  EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 REV APPR: RCHEN08		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div>					
				MM		3:1							
		ANGULAR TOL ± 1.0 °		DRWN BY		DATE		1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET					
		4 PLACES ±		MHANUMAPPARE		2017/02/27							
		3 PLACES ±		CHK'D BY		DATE							
		2 PLACES ± 0.13		DSUN15		2017/04/27							
		1 PLACE ± 0.25		APPR BY		DATE		PRODUCT CUSTOMER DRAWING					
		0 PLACES ±		RCHEN08		2017/05/03							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
		E		C				111112		SEE SHEET 4		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
						1111122610		PSD		ASY		6 OF 9	

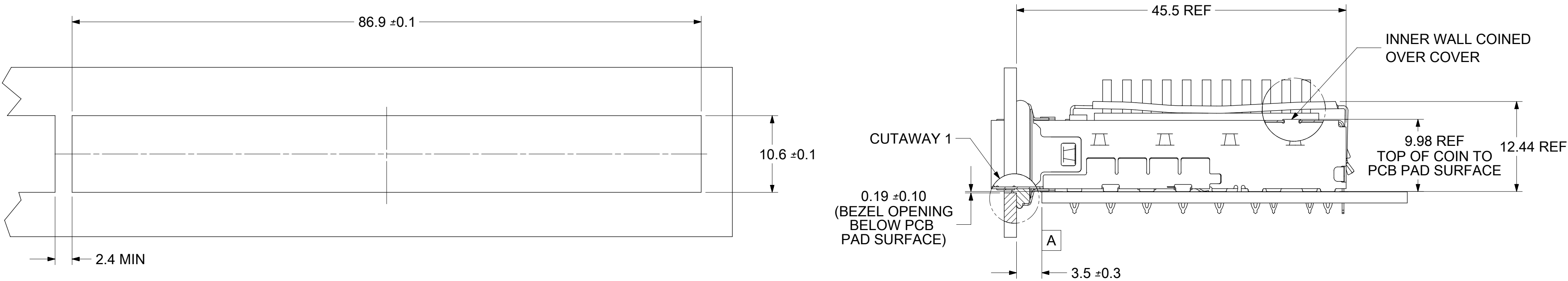
POLYIMIDE INSULATOR COVERAGE AREA

(APPLIES TO SINGLE SIDED AND BELLY TO BELLY)

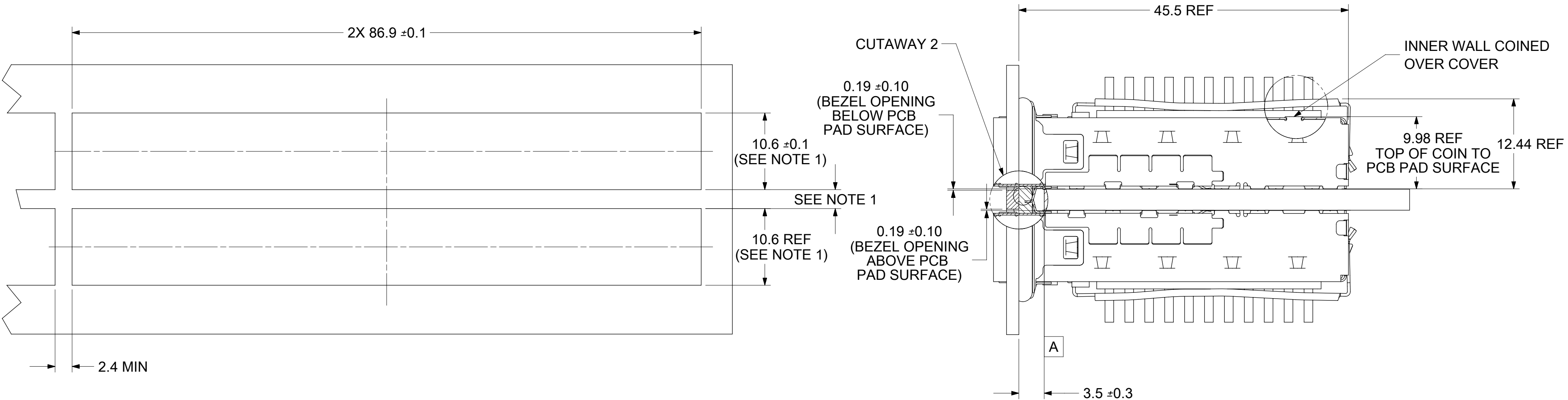


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
SEE REVISION TABLE	EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 APPR: RCHEN08	2017/02/27 2017/04/27 2017/05/03	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div>					
					MM		4:1							
			ANGULAR TOL ± 1.0 °		DRWN BY		DATE		1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET					
			4 PLACES ±		MHANUMAPPARE		2017/02/27							
			3 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING					
			2 PLACES ± 0.13		DSUN15		2017/04/27							
			1 PLACE ± 0.25		APPR BY		DATE							
			0 PLACES ±		RCHEN08		2017/05/03							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
					C				111112		SEE SHEET 4		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER		
E		REV				111122610		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.

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SEE REVISION TABLE EC NO: 116175 DRWN: MHANUMAPPARE CHKD: DSUN15 REV APPR: RCHEN08			GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		<div>molex®</div>				
					MM		2.5:1						
			ANGULAR TOL ± 1.0 °		DRWN BY		DATE		1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET				
			4 PLACES ±		MHANUMAPPARE		2017/02/27						
			3 PLACES ±		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING				
			2 PLACES ± 0.13		DSUN15		2017/04/27						
1 PLACE ± 0.25		APPR BY		DATE		SERIES			MATERIAL NUMBER		CUSTOMER		
0 PLACES ±		RCHEN08		2017/05/03									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		111112		SEE SHEET 4		GENERAL MARKET			
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E		REV				DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
						1111122610		PSD		ASY		8 OF 9	



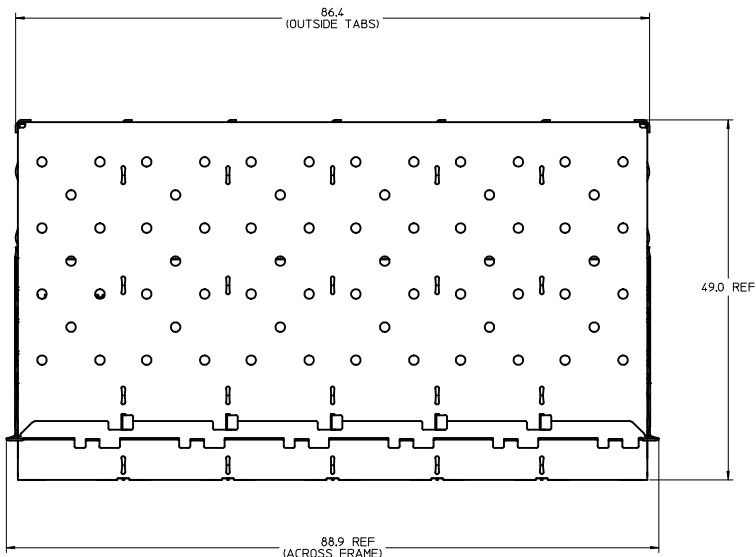


MM 3D-MODEL: TM-11112-2610

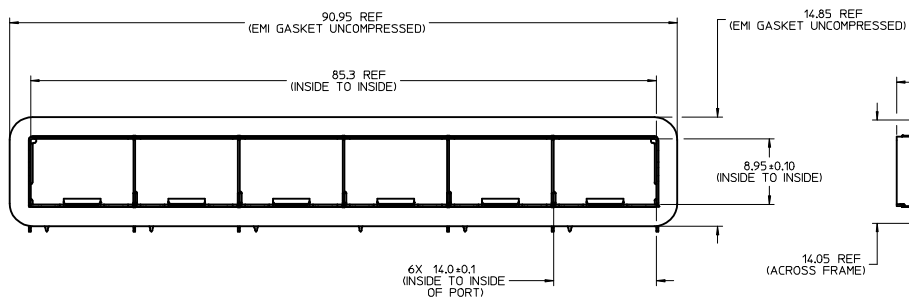
## BASE CAGE DETAILS (APPLIES TO ALL CAGES IN THIS DRAWING)

747540610

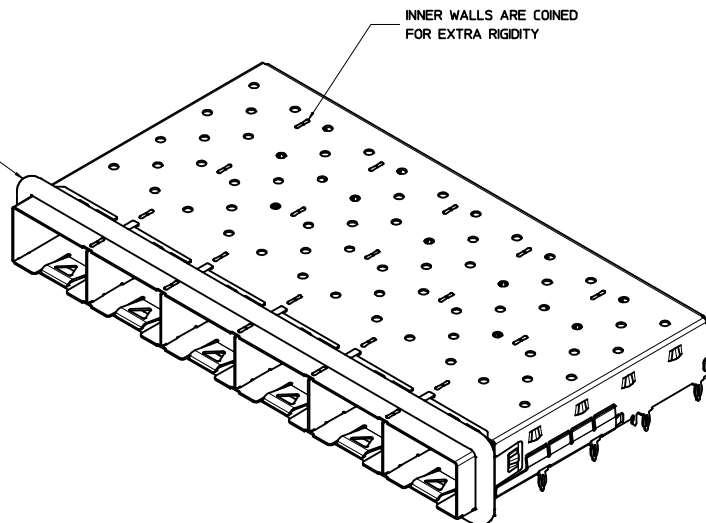
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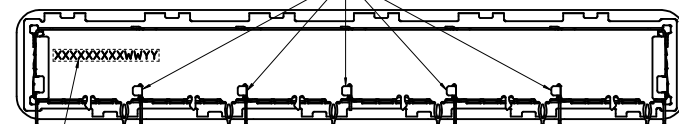
NOTE:  
EMI GASKET REMOVED FROM THIS VIEW FOR CLARITY.



NOTE:  
EMI GASKET REMOVED FROM THIS VIEW FOR CLARITY.




INNER WALL TABS WELDED



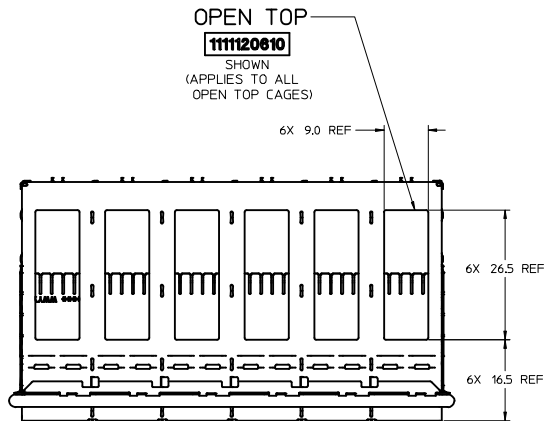
PN/DATE CODE TO BE PRINTED ON THE SIDE OF  
COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN.

WEEK/YEAR DATE CODE TABLE	
WW	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
YY	11, 12, 13 ETC. EXAMPLE: YEAR 2013 = 13

- 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 [.120 INCH] 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.

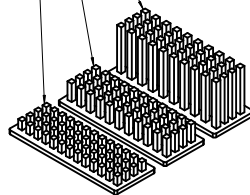
SEE REVISION TABLE	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
					MM ONLY		3:1		METRIC			
	▽=0		mm INCH		DRAWN BY DATE		TITLE		1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET			
	▽=0		4 PLACES ± --- ± ---		JHATTON 2012/12/03							
	▽=0		3 PLACES ± --- ± ---		CHECKED BY DATE							
	▽=0		2 PLACES ± 0.13 ± 0.13		MMKERVEY 2012/12/07							
	▽=0		1 PLACE ± 0.25 ± 0.25		APPROVED BY DATE							
			0 PLACE ± --- ± ---		KLLOYD 2012/12/20				DOCUMENT NO.		SHEET NO.	
			ANGULAR ± --- ± ---		MATERIAL NO.				SD-11112-2610		1 OF 9	
			DRAFT WHERE APPLICABLE		SEE SHEET 4							
		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

CAGE ASSEMBLY OPTIONS



HEATSINK OPTIONS

PIN FIELD NETWORKING  
PIN FIELD SAN  
PIN FIELD PCI



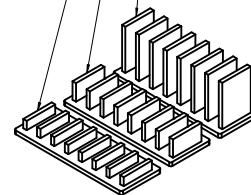
OVERALL HEATSINK HEIGHT

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

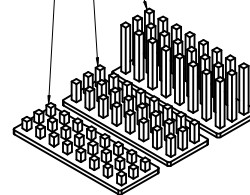


OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
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SAN	16.6
NETWORKING	23.6

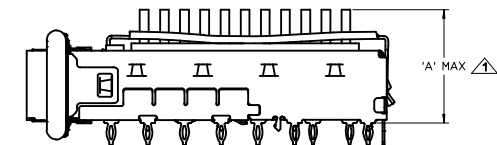
HEATSINK OPTIONS

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

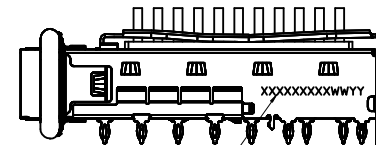
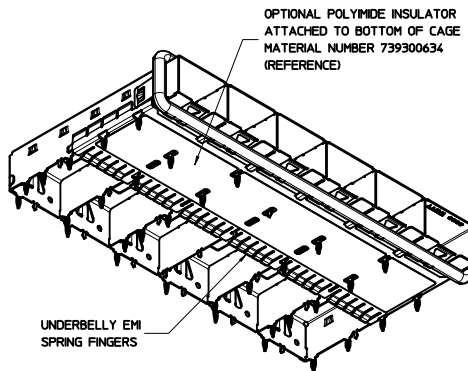


OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

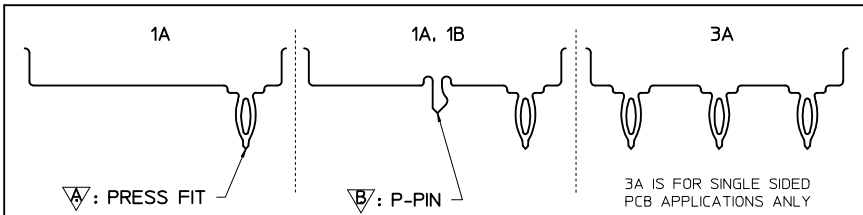


NOTES:  
▲ HEIGHT OF HEATSINK WITH MODULE INSERTED.  
DIMENSION MAY BE LESS DUE TO MODULE AND HEATSINK VARIATIONS.



WEEK/YEAR DATE CODE TABLE	
WW	01 THRU 52 OR 53 EXAMPLE: 01 = FIRST WEEK OF YEAR 52 = LAST WEEK OF YEAR
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REAR LEG OPTIONS  
(PER PORT)

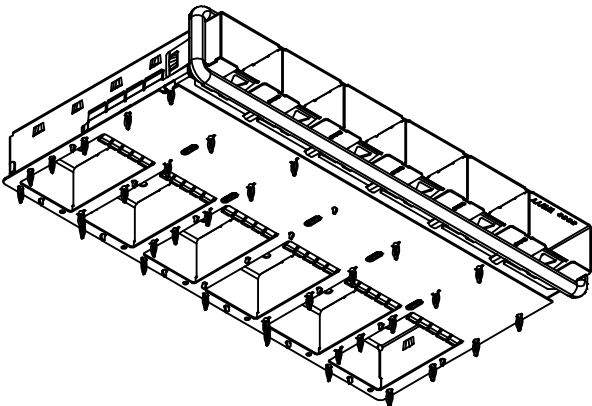
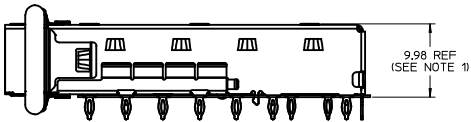
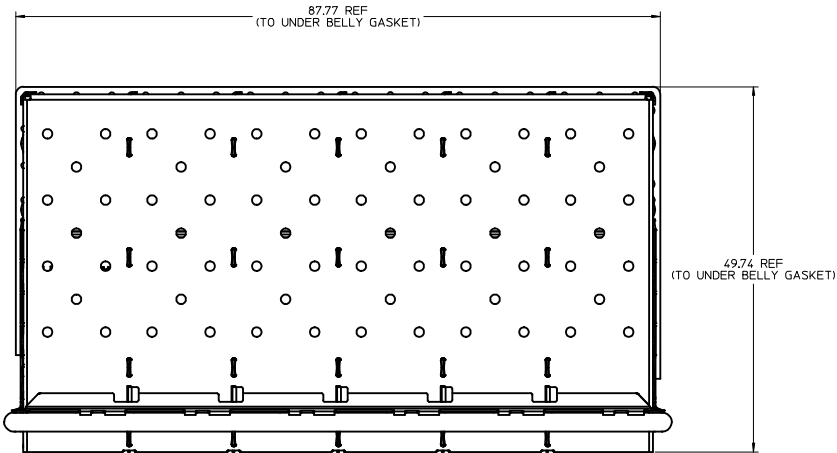


SEE REVISION TABLE EC NO: CPQ2014-2832 DRAWN: JALLAC01 2014/03/10 CHKD: GBARELLA 2014/03/14 APPR: K LLOYD 2014/03/25	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET <b>molex</b>
			mm		INCH		DRAWN BY JHATTON	DATE 2012/12/20	MATERIAL NO.			
			4 PLACES ±		±		CHECKED BY MMCKERVEY	DATE 2012/12/07	DOCUMENT NO.			
			3 PLACES ±		±		APPROVED BY K LLOYD		SD-11112-2610			
			2 PLACES ±		±0.13		DATE 2012/12/20		SHEET NO.			
			1 PLACE ±		±0.25				2 OF 9			
			0 PLACE ±		±							
			ANGULAR ±		±							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
			SIZE D									


OPTIONAL GEN 2 UNDER BELLY GASKET

1001150610

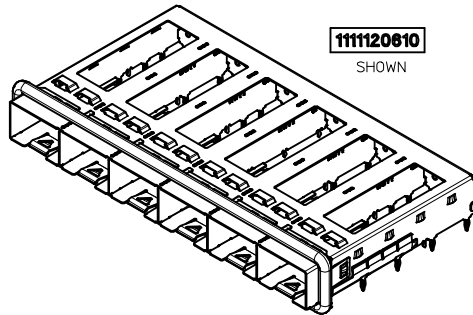
SHOWN



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

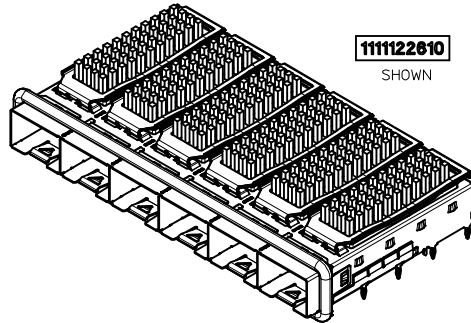
ENTER DESCRIPTION EC NO: CPG2014-2832 DRAWN: WALLACE01 2014/03/10 CHKD: GABRIELLA 2014/03/14 APPR: KLOYD 2014/03/25 REV D	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET <b>molex</b>	DOCUMENT NO. SD-111112-2610	SHEET NO. 3 OF 9
			MM ONLY							
			DRAWN BY DATE JHATTON 2012/12/03							
			CHECKED BY DATE MMCKERVEY 2012/12/07							
			APPROVED BY DATE KLOYD 2012/12/20							
			MATERIAL NO.							
			SEE SHEET 4							
			SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			ANGULAR ±---°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

# PART NUMBER SELECTION



**1111120610**  
SHOWN

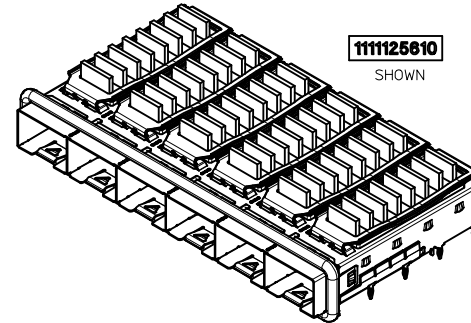
SFP+ OPEN TOP BASE CAGE FOR HEATSINKS			
PART NO.	POLYIMIDE INSULATOR	HEATSINK	# OF REAR LEGS PER PORT
1111120610	---	---	1A, 1B
1111120650	YES	---	1A, 1B



**1111122610**  
SHOWN

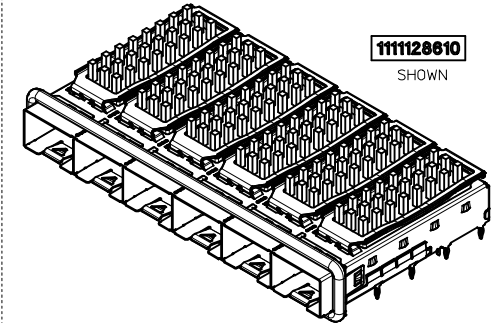
SFP+ PIN FIELD HEATSINK OPTION			
PART NO.	POLYIMIDE INSULATOR	HEATSINK	# OF REAR LEGS PER PORT
1111121610	---	PCI	1A, 1B
1111121650	YES	PCI	1A, 1B
1111122610	---	SAN	1A, 1B
1111122650	YES	SAN	1A, 1B
1111123610	---	NET	1A, 1B
1111123650	YES	NET	1A, 1B

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



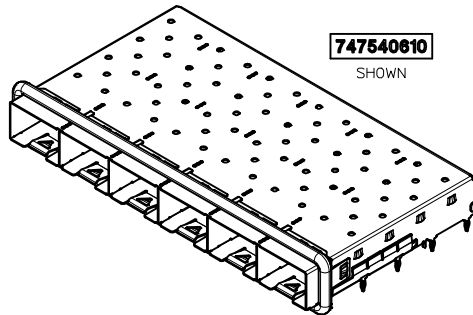
**1111125610**  
SHOWN

SFP+ LATERAL FIN HEATSINK OPTION			
PART NO.	POLYIMIDE INSULATOR	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



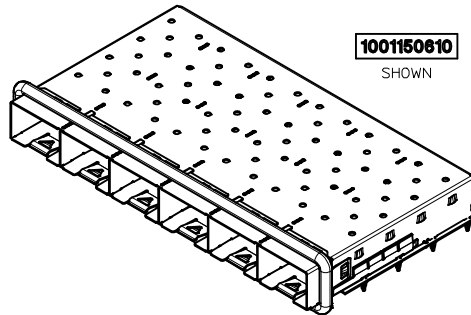
**1111128610**  
SHOWN

SFP+ WIDE GAP PIN FIELD HEATSINK OPTION			
PART NO.	POLYIMIDE INSULATOR	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 INSULATOR	HEATSINK	# OF REAR LEGS PER PORT
747540610	---	---	1A, 1B
747540611	---	---	3A
747540613	---	---	1A, 1B



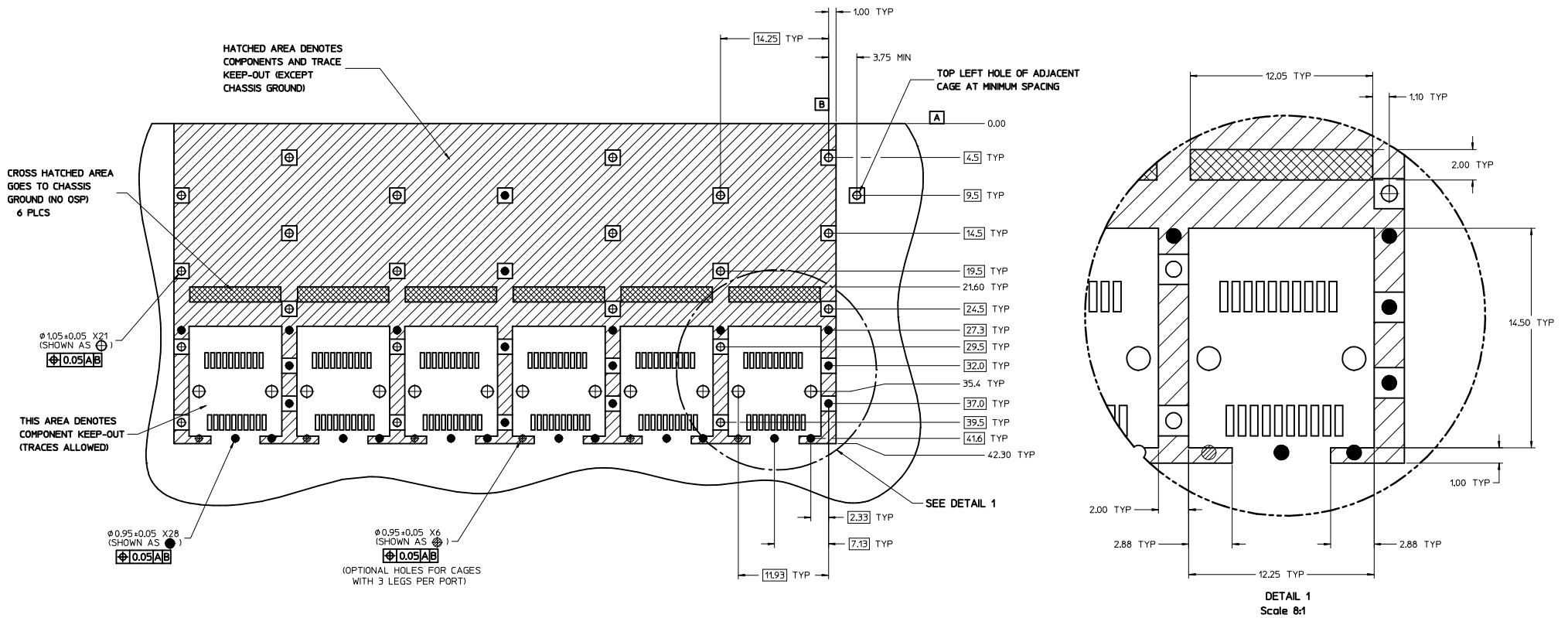
**1001150610**  
SHOWN

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

SEE REVISION TABLE		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO.	DATE		mm	INCH	MM ONLY	DATE	2:1	METRIC				
CPG2014-2832	2014/03/10	▽=0	4 PLACES ±	---	JHATON	2012/12/03	TITLE					
DRAWN: WALLACE01	2014/03/14	▽=0	3 PLACES ±	---	CHECKED BY	DATE	1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET					
CHKD: GABRIELLA	2014/03/14	▽=0	2 PLACES ±	0.13	MMCKERVEY	2012/12/07	molex					
APPR: KLOYD	2014/03/25		1 PLACE ±	0.25	APPROVED BY	DATE						
			0 PLACE ±	---	KLOYD	2012/12/20	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			ANGULAR ±		---		SEE TABLE		SD-11112-2610		4 OF 9	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					


## PCB LAYOUT - SINGLE SIDE ONLY

## HOST CONNECTOR DETAIL

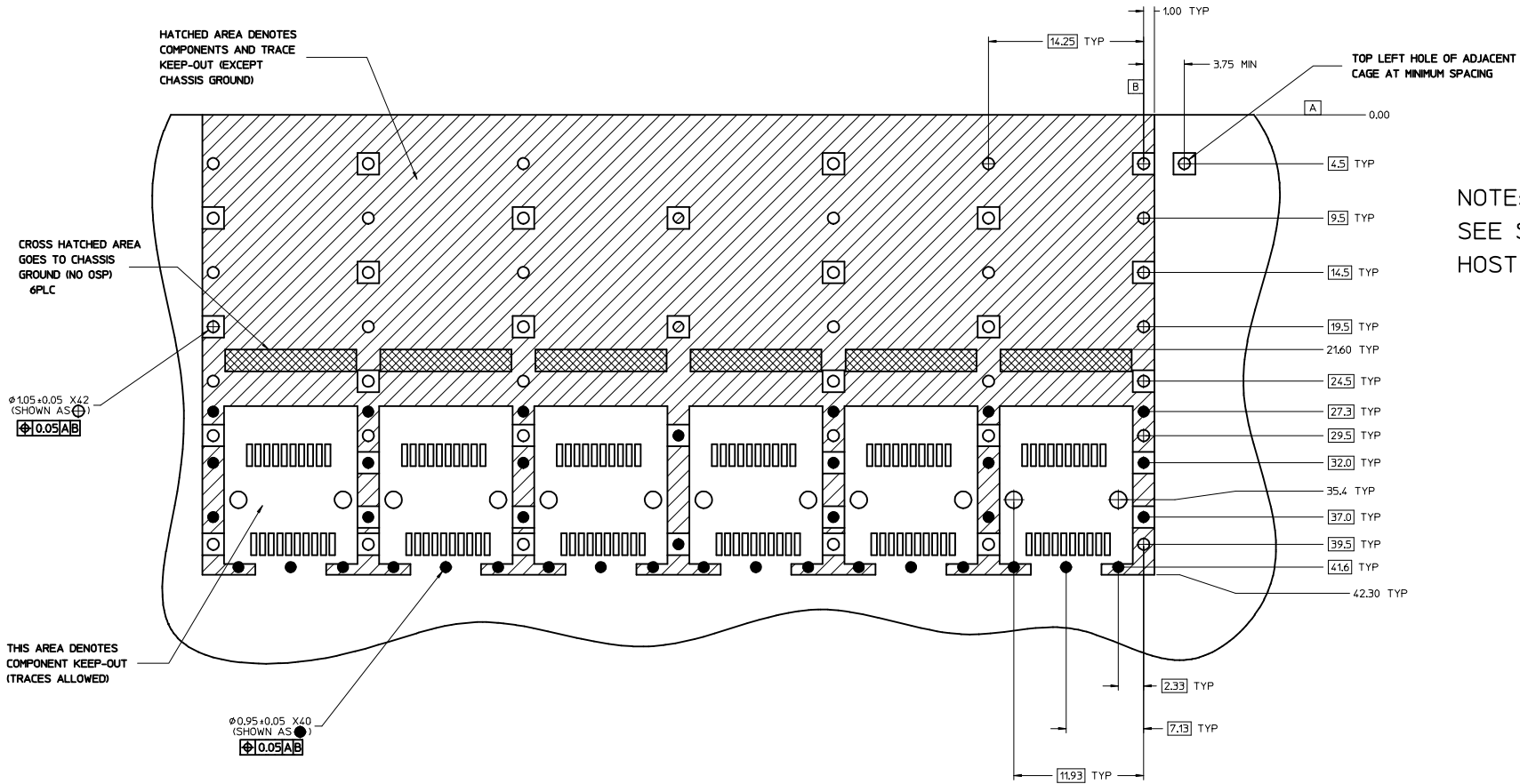


## NOTES:

1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMENDED 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 SINGLE SIDED USE: 1.57mm [0.062"]

SEE REVISION TABLE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
				MM ONLY		4:1	METRIC	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ±---	±---	JHATTON	2012/12/03	1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET <b>molex</b> SD-11112-2610		
	▽=0	3 PLACES ±---	±---	CHECKED BY	DATE			
	▽=0	2 PLACES ±0.13	±---	MMCKERVEY	2012/12/07			
		1 PLACE ±0.25	±---	APPROVED BY	DATE			
		0 PLACE ±---	±---	KLLOYD	2012/12/20			
		ANGULAR ±---		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE		SEE SHEET 4		SD-11112-2610	5 OF 9	
	MUST REMAIN WITHIN DIMENSIONS		SIZE	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 5 FOR  
HOST CONNECTOR DETAIL

## NOTES:

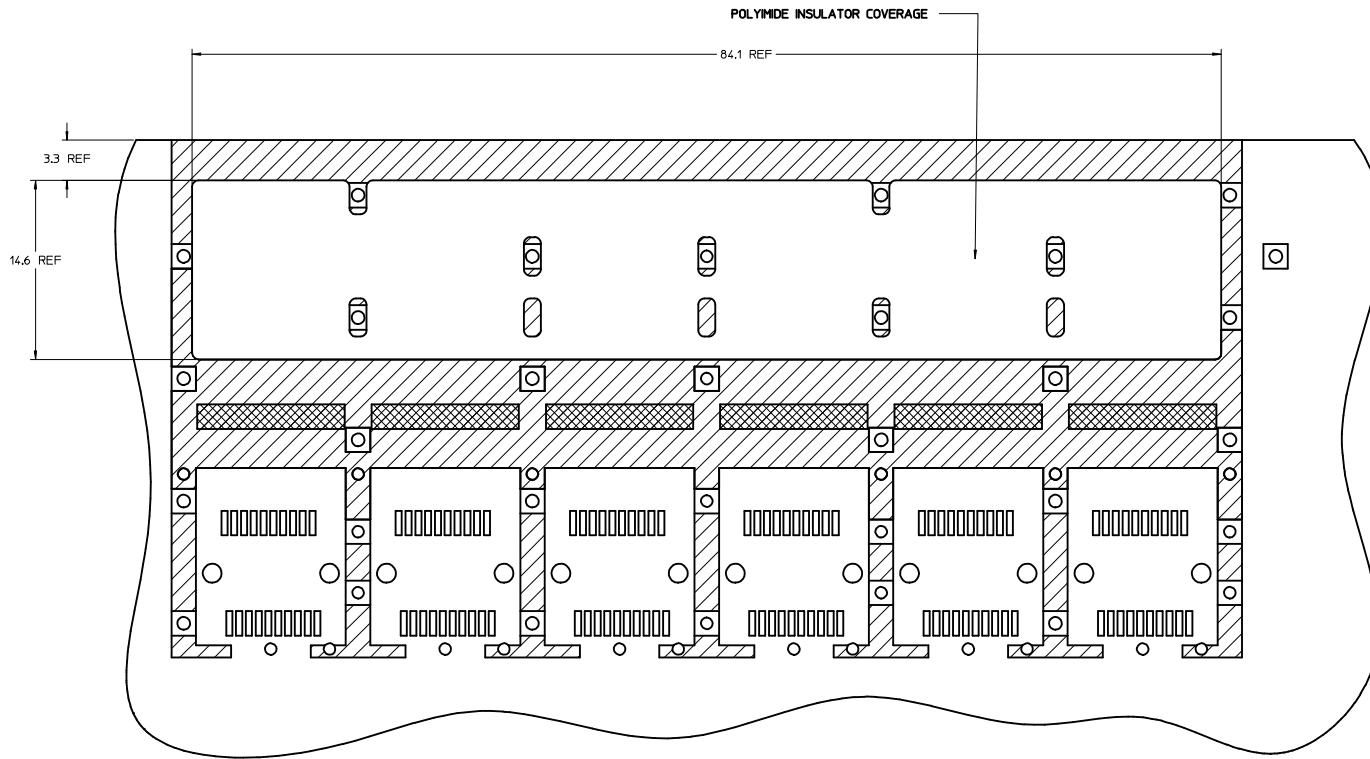
1. PADS AND VIAS CONNECT TO CHASSIS GROUND (RECOMMENDED PADS TO BE 2.00mm SQUARE).
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION (GOLD, SILVER, OR TIN).
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm.
5. MIN PCB THICKNESS FOR BELLY TO BELLY USE: 3.00mm [0.118"]


SEE REVISION TABLE		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO:	CPG2014-2832	▽=0	mm	INCH	DATE	MM ONLY	5:1	METRIC	DRAWN BY		TITLE
DRWN:	WALLACE01	▽=0	4 PLACES ±	---	2012/12/03				JHATTON		1X6 SFP+ CAGE.120 INCH
CHKD:	GBARELLA	▽=0	3 PLACES ±	---	DATE				CHECKED BY		PRESS FIT, HEAT SINK,
APPR:	KLOYD	▽=0	2 PLACES ±	0.13	2012/12/07				MCKERVEY		ELASTOMERIC GASKET
			1 PLACE ±	0.25	DATE				APPROVED BY		
			0 PLACE ±	---	2012/12/20				KLOYD		
			ANGULAR ±		---				MATERIAL NO.		
			DRAFT WHERE APPLICABLE		---				SEE SHEET 4		
			MUST REMAIN WITHIN DIMENSIONS		---				DOCUMENT NO.		
					---				SD-111112-2610		
					---				SHEET NO.		
					---				6 OF 9		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

# POLYIMIDE INSULATOR COVERAGE AREA

(APPLIES TO SINGLE SIDED AND BELLY TO BELLY)

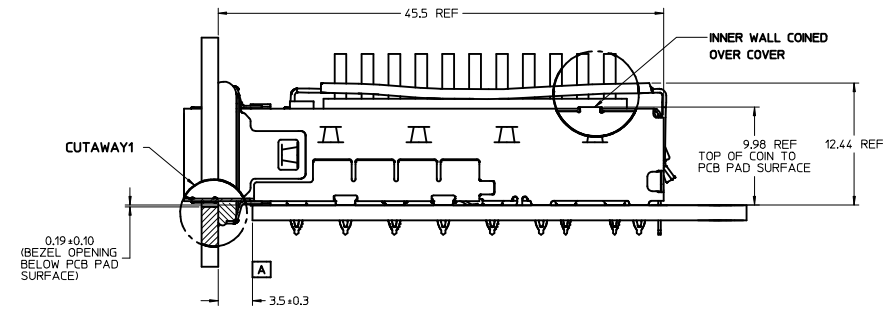
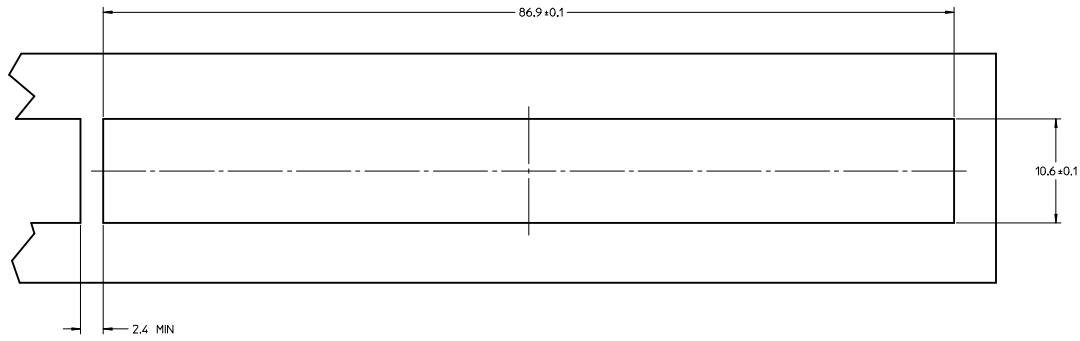


SEE REVISION TABLE	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	MM ONLY		MM ONLY		MM ONLY		5:1	METRIC		
	DESCRIPTION				DRAWN BY		DATE	TITLE		
	▽=0		4 PLACES ±---		JHATTON		2012/12/03	1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET  <b>molex</b>		
	▽=0		3 PLACES ±---		CHECKED BY		DATE			
	▽=0		2 PLACES ±0.13		MMCKERVEY		2012/12/07			
	▽=0		1 PLACE ±0.25		APPROVED BY		DATE			
	▽=0		0 PLACE ±---		KLLOYD		2012/12/20			
			ANGULAR ±---		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 4		SD-111112-2610		7 OF 9	
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

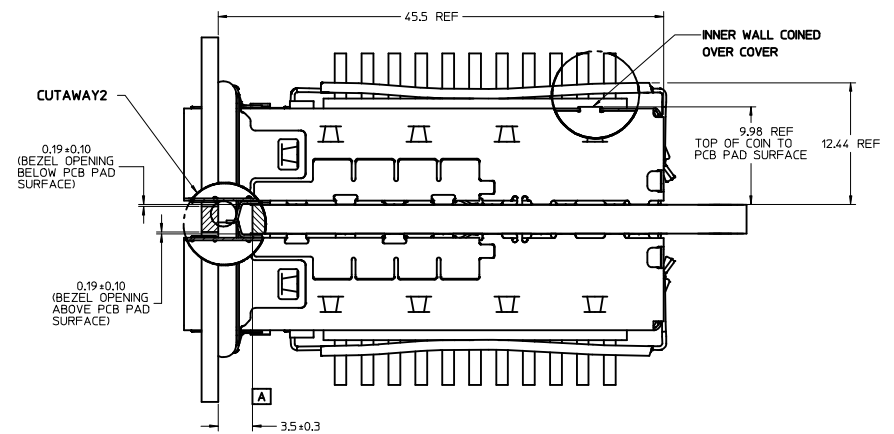
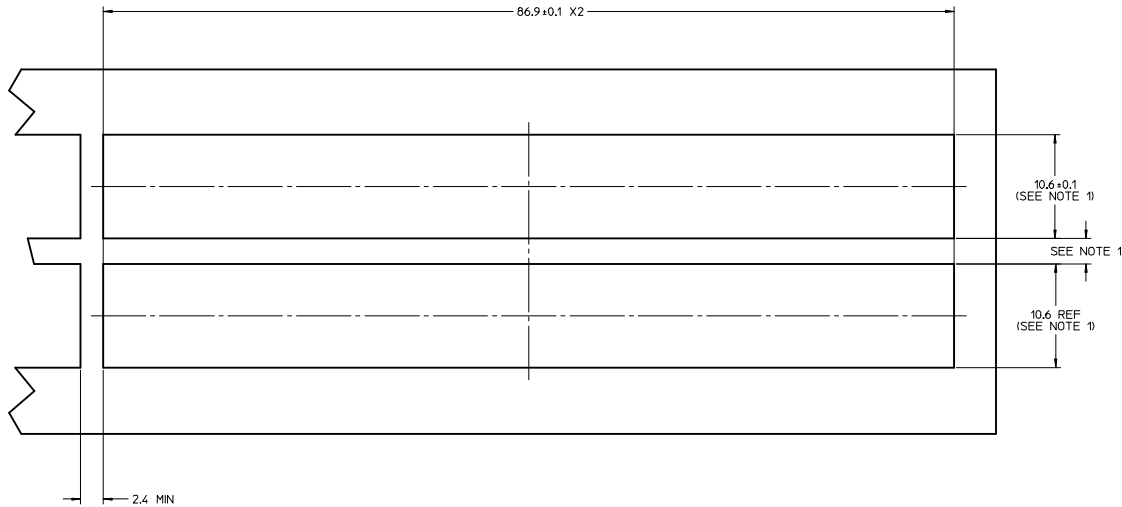
**molex**



# 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.

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
SYMBOL	DESCRIPTION	mm	INCH	MM ONLY	DATE	4:1	METRIC	DATE	TITLE
▽=0	4 PLACES ±	±	±		JHATTON 2012/12/03				1X6 SFP+ CAGE.120 INCH PRESS FIT, HEAT SINK, ELASTOMERIC GASKET
▽=0	3 PLACES ±	±	±		MMCKERVEY 2012/12/07				
▽=0	2 PLACES ±	±	±		MMCKERVEY 2012/12/07				
▽=0	1 PLACE ±	±	±		MMCKERVEY 2012/12/07				
▽=0	0 PLACE ±	±	±		KLLOYD 2012/12/20				
ANGULAR ±		±	±						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
SEE REVISION TABLE		MATERIAL NO.		SEE SHEET 4		DOCUMENT NO.		SHEET NO.	
IEC NO: CPG2014-2832		DRAWN: JALAC01		2014/03/10		2014/03/14		8 OF 9	
CHKD: GBARELLA		APPR: KLLOYD		2014/03/14		2014/03/14			

