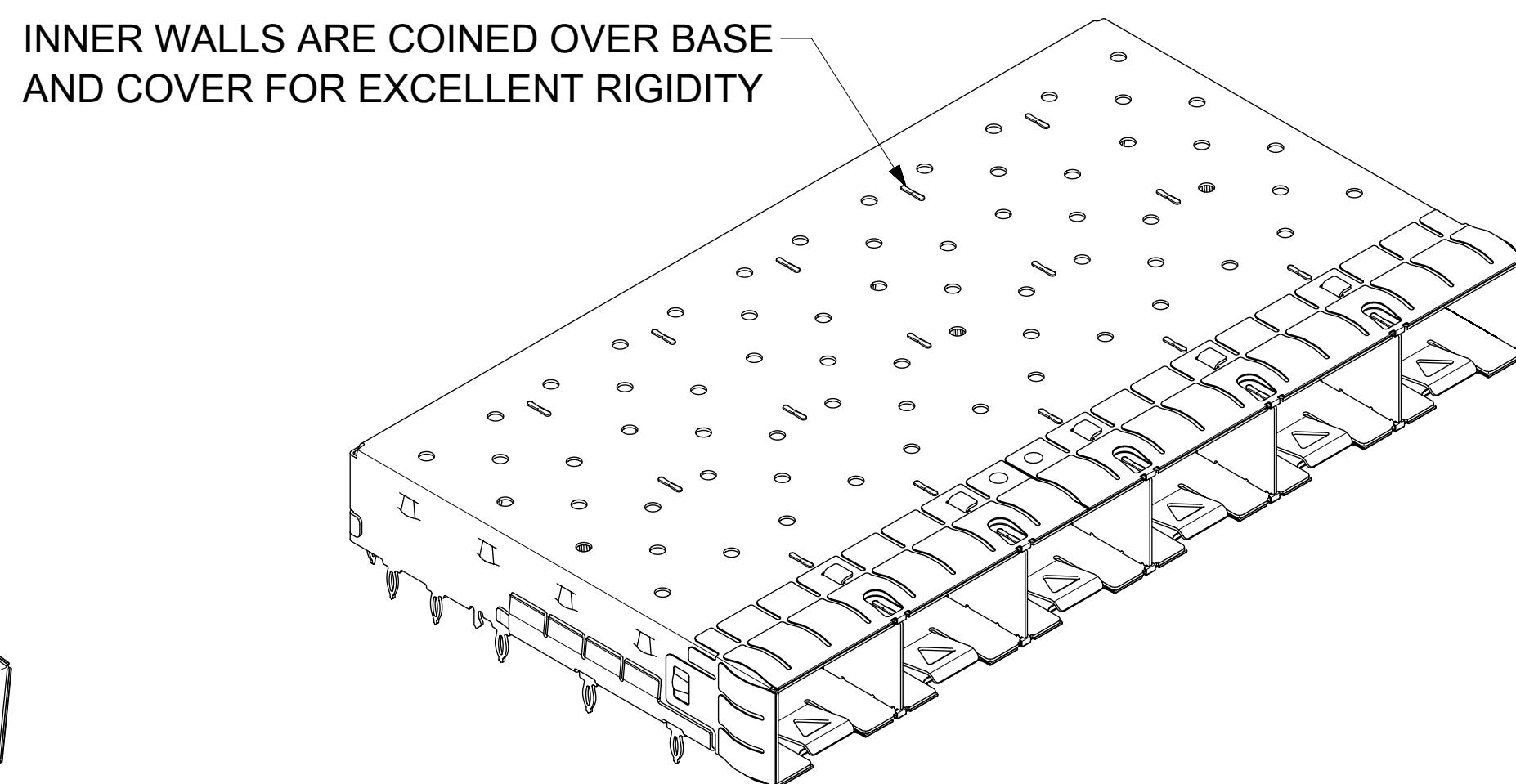
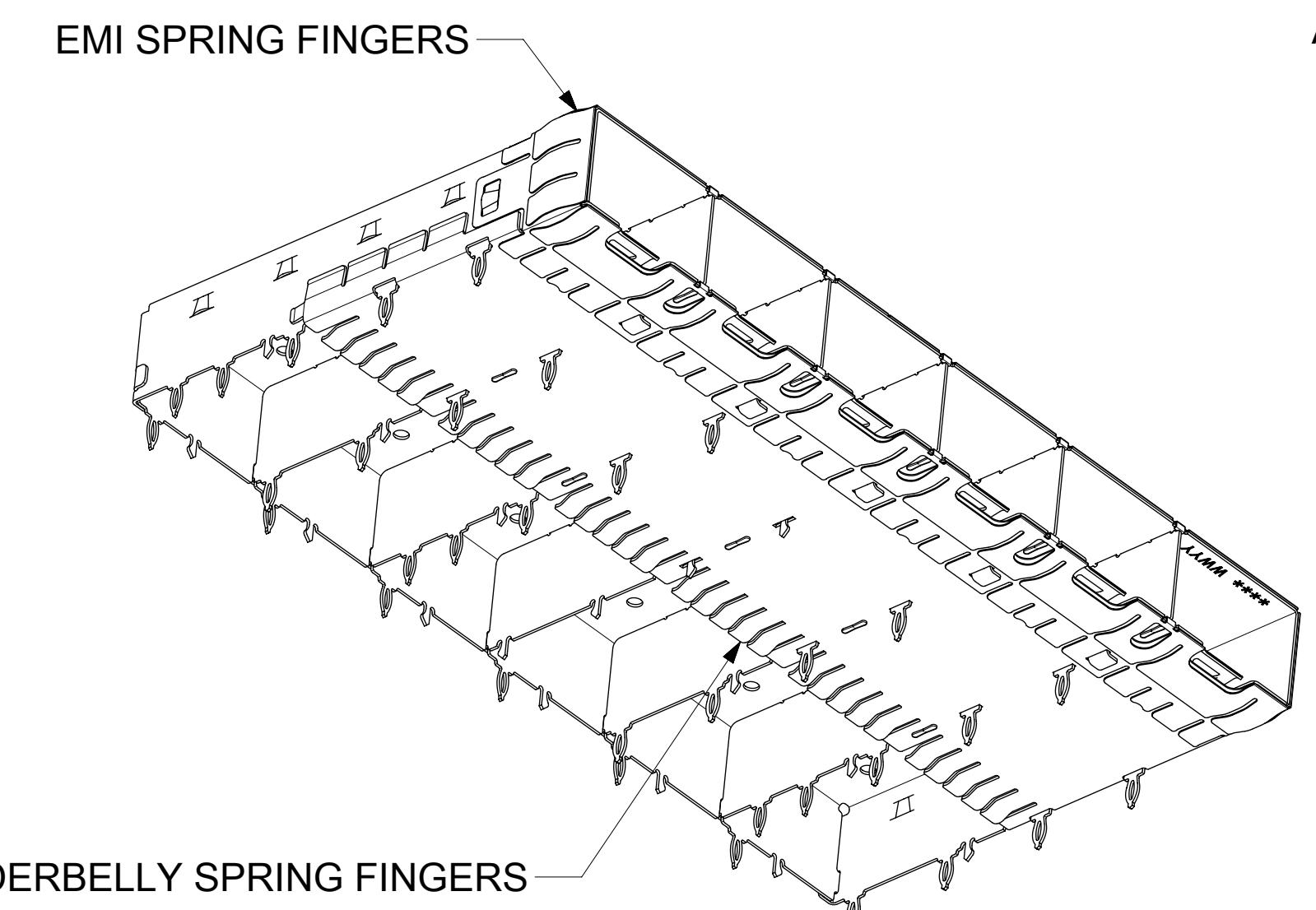
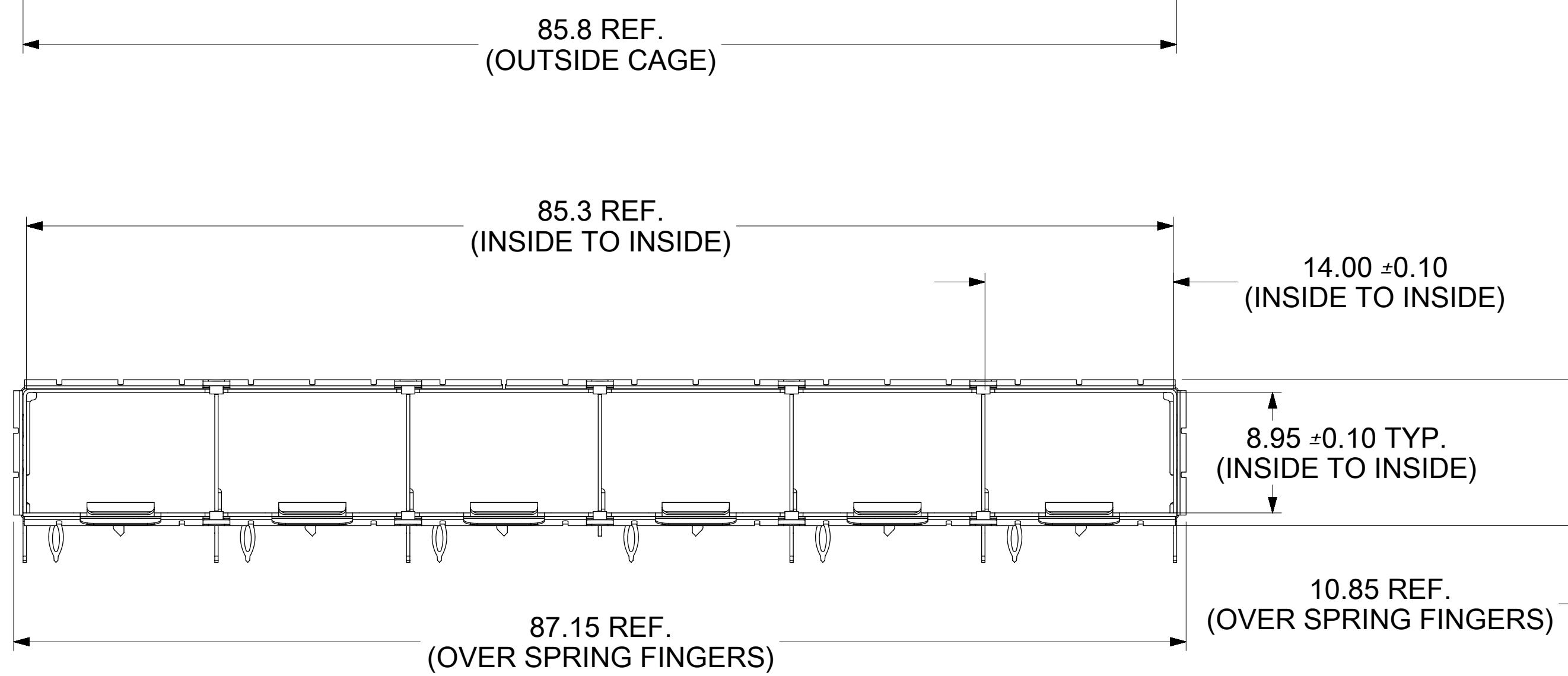
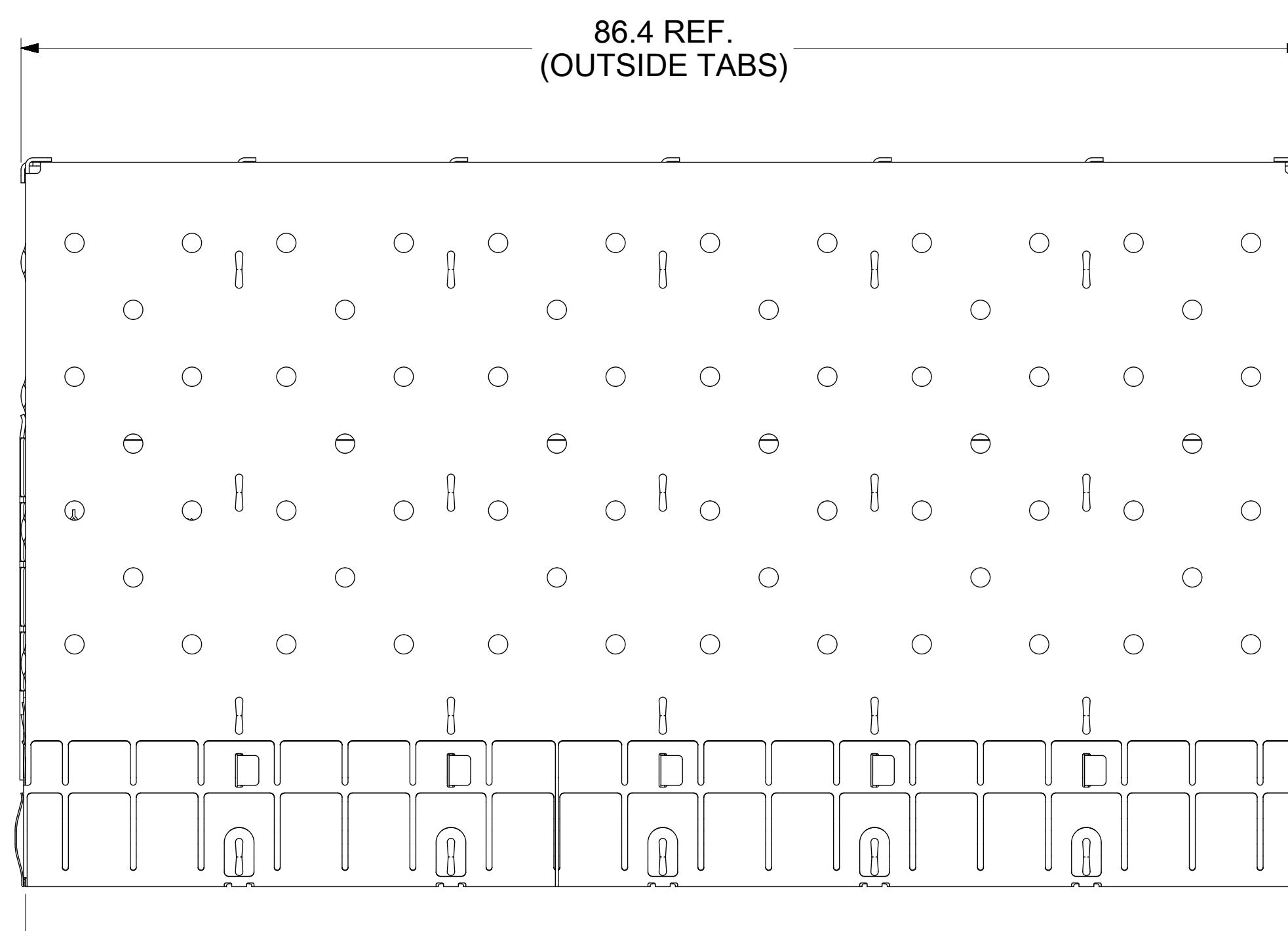


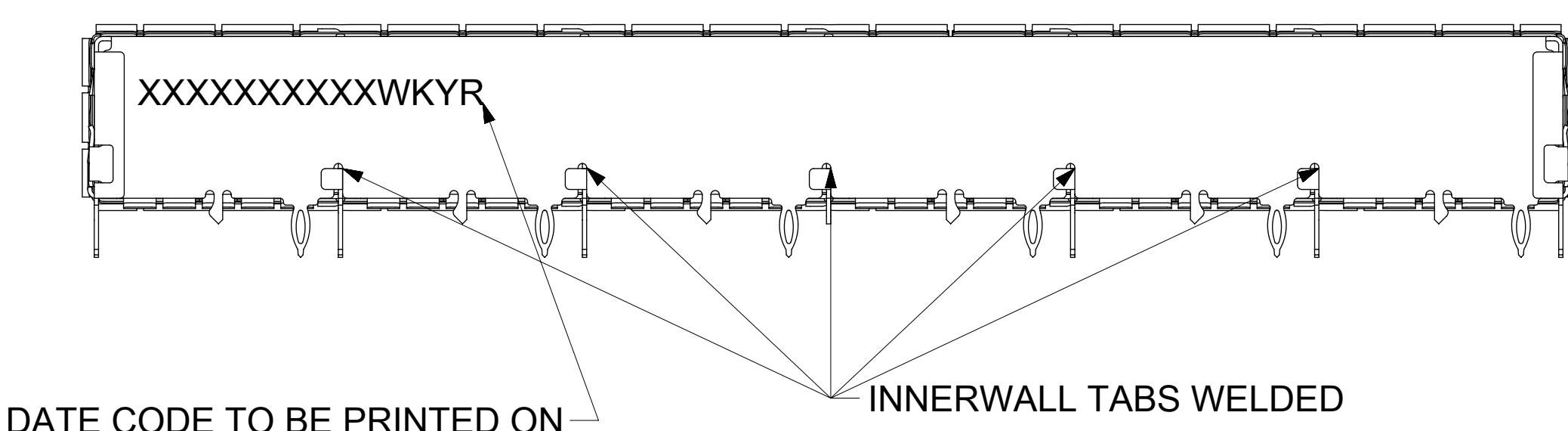
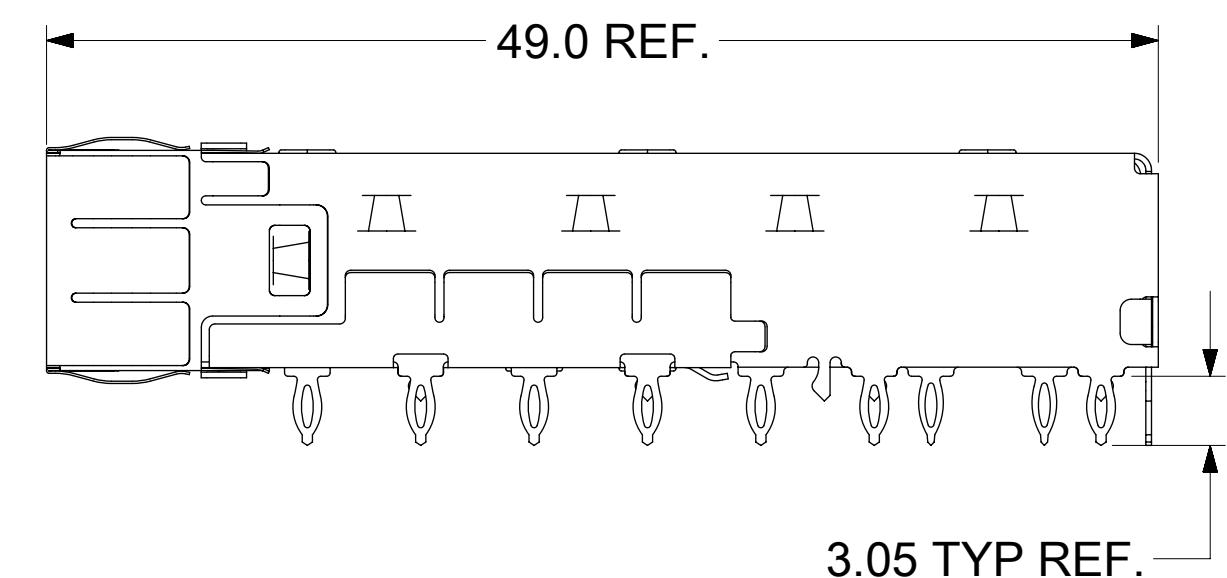
## COMMON DIMENSION

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 $\mu$ m)
747540622	SFP+ 1X6 CAGE PRESS FIT W/ WELD POINT ON FOUR SIDES	PRE-PLATED: NICKEL (1.27~3.81 $\mu$ m)
747540627	SFP+ 1X6 CAGE PRESS FIT W/2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 $\mu$ m) OVER ALL: MAT TIN (2.0 $\mu$ m Min.)
747540688	SFP+ 1X6 CAGE PRESS FIT W/12 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27~3.81 $\mu$ m)



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:

## 1. MATERIAL:

CAGE: COPPER ALLOY, THICKNESS 0.25mm.

SPRING FINGER: NICKEL PLATED COPPER ALLOY, THICKNESS 0.10mm.

## 2. 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.

## 3. OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.

## 4. WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION.

5. PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE  
COMPATIBLE WITH SFP TRANSCIVERS.

## 6. NO RoHS EXEMPTIONS.

QUALITY SYMBOLS	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	SCALE	REVISION TABLE
VA = 0	ANGULAR TOL $\pm$ 1.0°	mm	3:1	2016/01/21
VB = 0	4 PLACES $\pm$	DRWN BY	DATE	PKUMARG
VC = 0	3 PLACES $\pm$	CHKD BY	DATE	DSUN15
VD = 0	2 PLACES $\pm$ 0.15	APPR BY	DATE	RCHEN08
VE = 0	1 PLACE $\pm$ 0.25	2016/03/04		PRODUCT CUSTOMER DRAWING
VF = 0	0 PLACES $\pm$	DRAWING SIZE	THIRD ANGLE PROJECTION	74754
VG = 0	SEE P/N TABLE			CUSTOMER
VI = 0	GENERAL MARKET			
VG = 0	DOCUMENT NUMBER	747540620	DOC TYPE	PSD
VI = 0	REV	6	DOC PART	ASY
VG = 0	RELEASE STATUS	P1	RELEASE DATE	2016/03/04 10:43:47
VI = 0	19	18	17	16
VG = 0	15	14	13	12
VI = 0	11	10	9	8
VG = 0	7	6	5	4
VI = 0	3	2	1	

molex®

SFP+ 1X6 CAGE, PRESS FIT  
W/ SPRING FINGER EMI, BELLY TO BELLY MNTG

PRODUCT CUSTOMER DRAWING

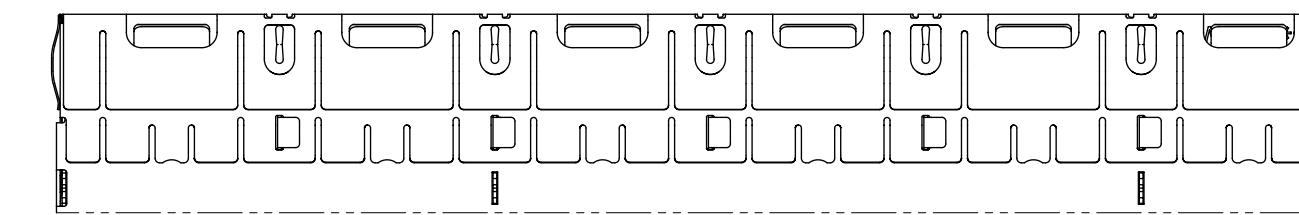
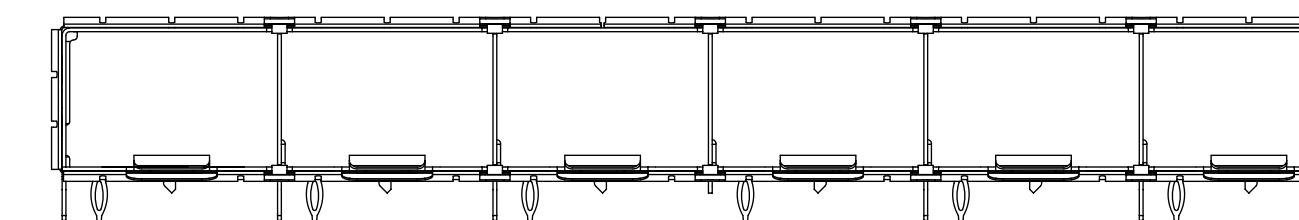
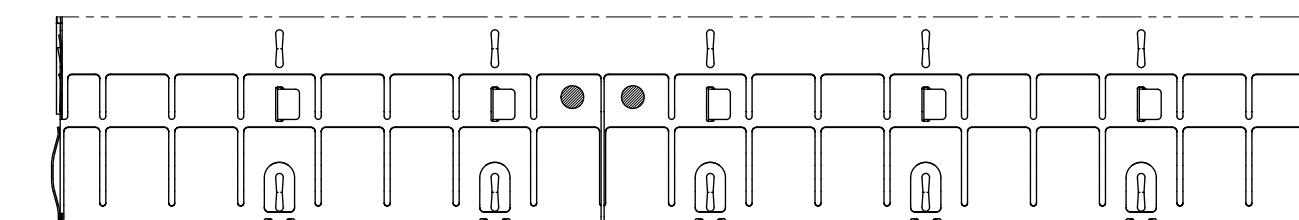
SERIES MATERIAL NUMBER CUSTOMER

74754 SEE P/N TABLE GENERAL MARKET

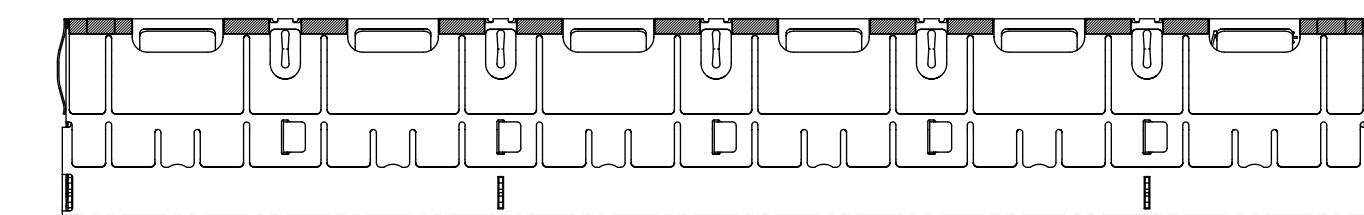
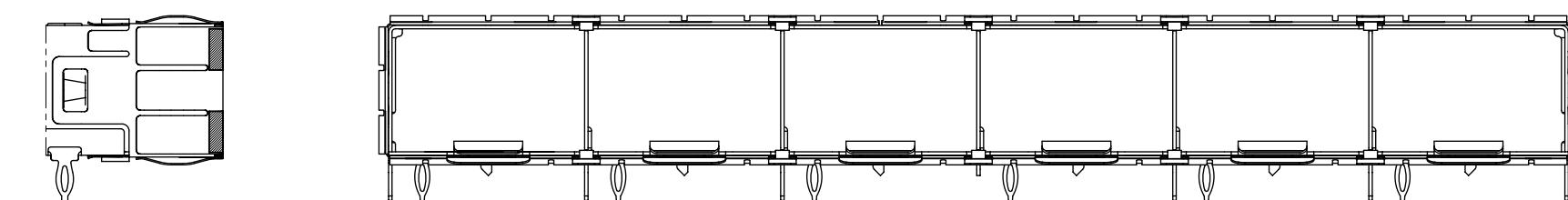
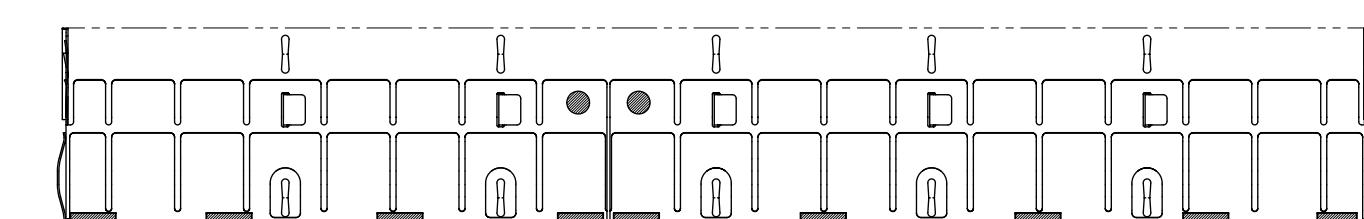
DOCUMENT NUMBER 747540620 DOC TYPE PSD

REV 6 SHEET NUMBER 1 OF 6

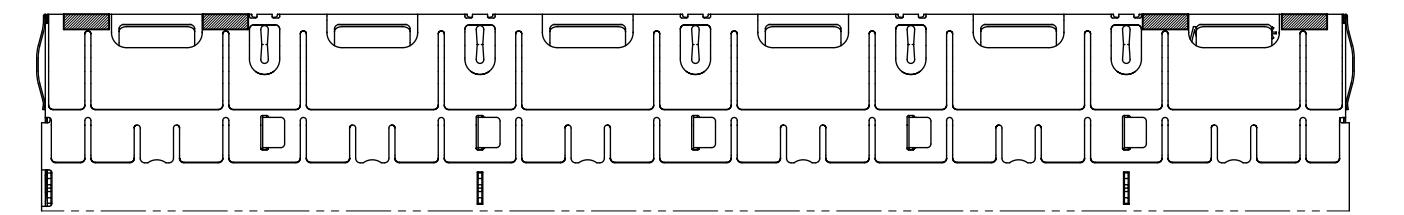
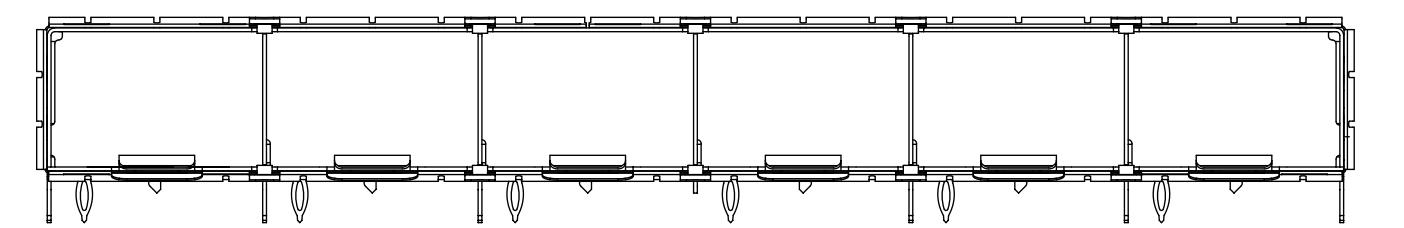
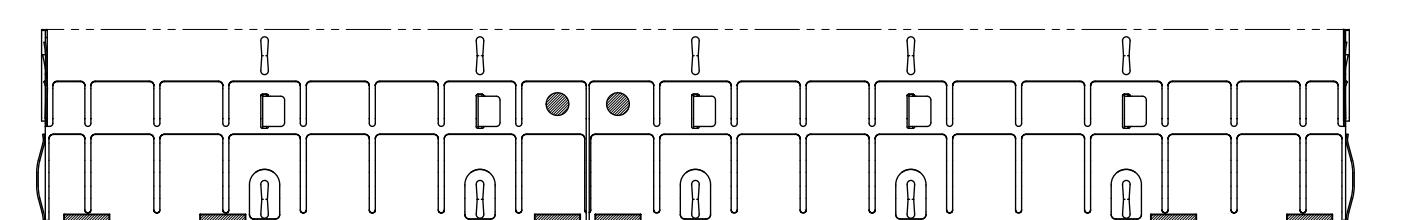
# WELD LOCATION FOR FRONT SPRING FINGER FOR 747540620 & 747540627

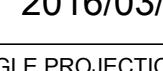


# WELD LOCATION FOR FRONT SPRING FINGER FOR 747540622

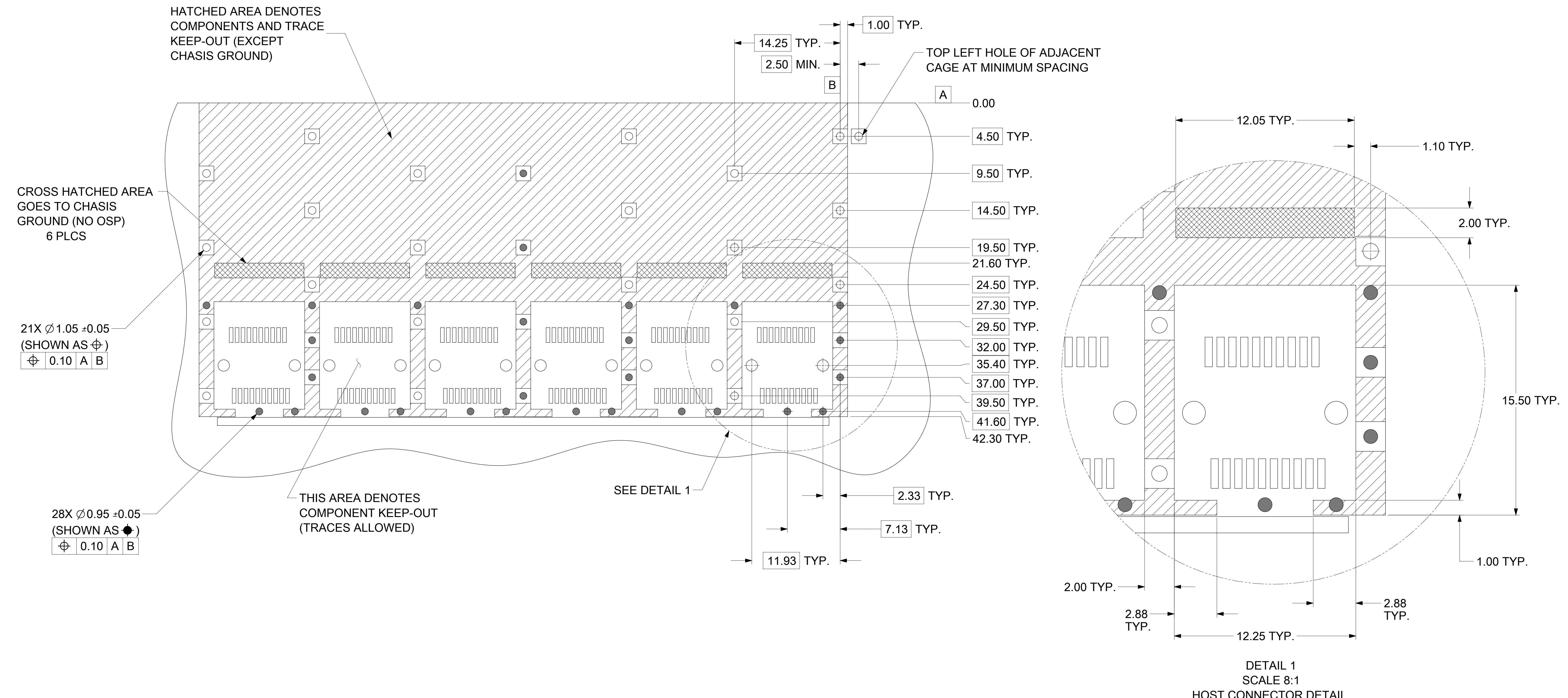


# WELD LOCATION FOR FRONT SPRING FINGER FOR 747540688



QUALITY SYMBOLS	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: 103331 DRWN: PKUMARG CHK'D: RCHEN08 APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		
				mm		2:1		
				DRWN BY		DATE		
				PKUMARG		2016/01/21		
			ANGULAR TOL $\pm$ 1.0 °	CHK'D BY		DATE		
				DSUN15				
				APPR BY		DATE		
				RCHEN08		2016/03/04		
DRAWING SIZE		THIRD ANGLE PROJECTION						
D								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SERIES		MATERIAL NUMBER		
				74754		SEE P/N TABLE		
				DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER
								2053

# PCB LAYOUT FOR SINGLE SIDE MOUNT

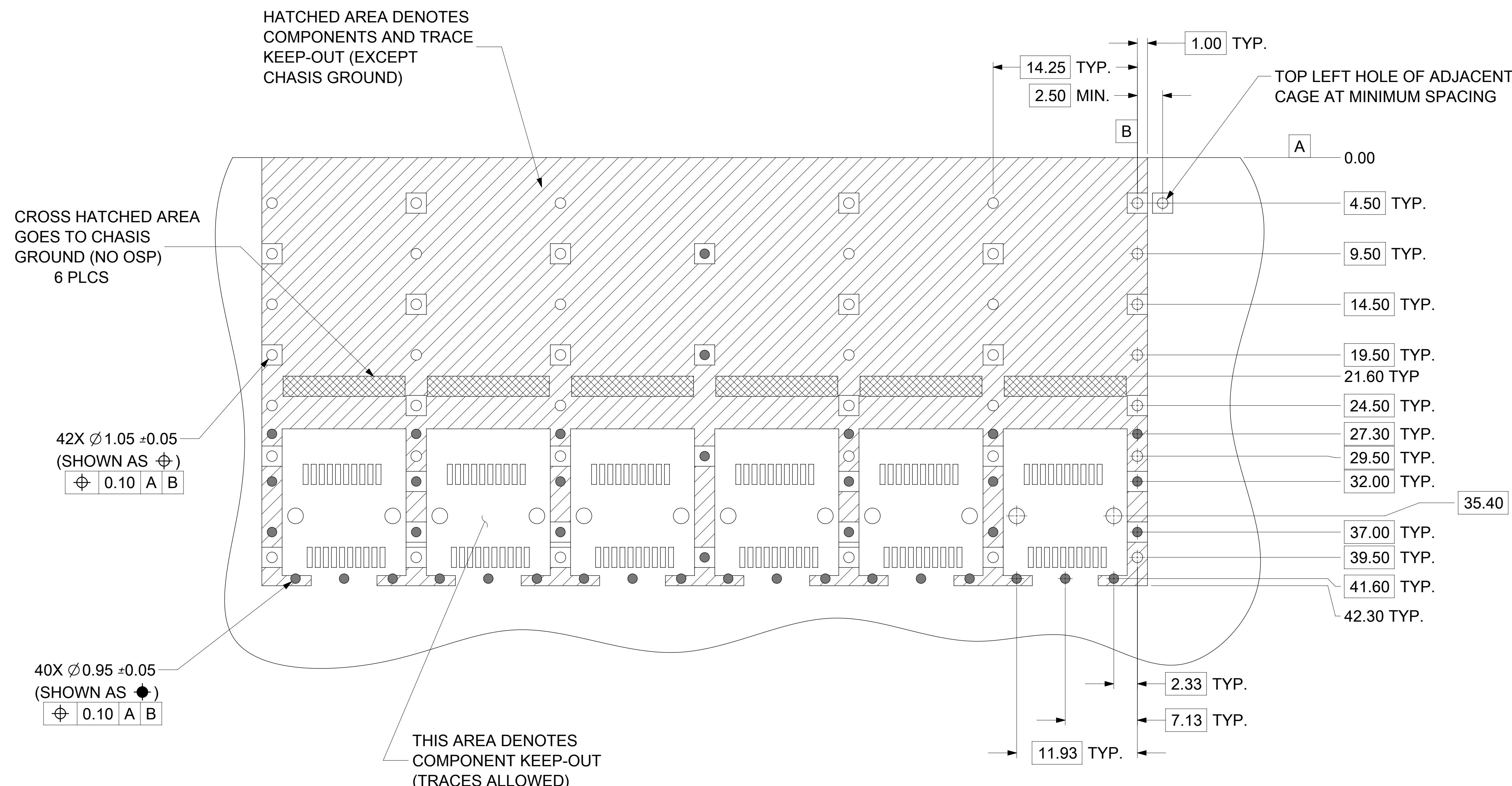


## NOTES:

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 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											
$\nabla \wedge$ = 0		2016/01/21	2016/03/04	mm	4:1												
$\nabla \vee$ = 0				DRWN BY		DATE											
$\nabla \wedge$ = 0				PKUMARG		2016/01/21											
$\nabla \vee$ = 0				CHKD BY		DATE											
$\nabla \wedge$ = 0				DSUN15													
$\nabla \vee$ = 0				APPR BY		DATE											
$\nabla \wedge$ = 0				RCHEN08		2016/03/04											
$\nabla \vee$ = 0				DRAWING SIZE		THIRD ANGLE PROJECTION											
$\nabla \wedge$ = 0				H													
$\nabla \vee$ = 0				REV													
SEE P/N TABLE																	
SEE REVISION TABLE		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE											
SEE REVISION TABLE		ANGULAR TOL $\pm 1.0$		mm		4:1											
SEE REVISION TABLE		4 PLACES $\pm$		DRWN BY		DATE											
SEE REVISION TABLE		3 PLACES $\pm$		PKUMARG		2016/01/21											
SEE REVISION TABLE		2 PLACES $\pm 0.15$		CHKD BY		DATE											
SEE REVISION TABLE		1 PLACE $\pm 0.25$		DSUN15													
SEE REVISION TABLE		0 PLACES $\pm$		APPR BY		DATE											
DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS																	
PRODUCT CUSTOMER DRAWING																	
SERIES		MATERIAL NUMBER		CUSTOMER													
74754		SEE P/N TABLE		GENERAL MARKET													
DOCUMENT NUMBER		747540620		DOC TYPE		PSD		DOC PART									
RELEASE STATUS		P1		ASY		SHEET NUMBER		3 OF 6									
MOLEX®																	
SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG																	

# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



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

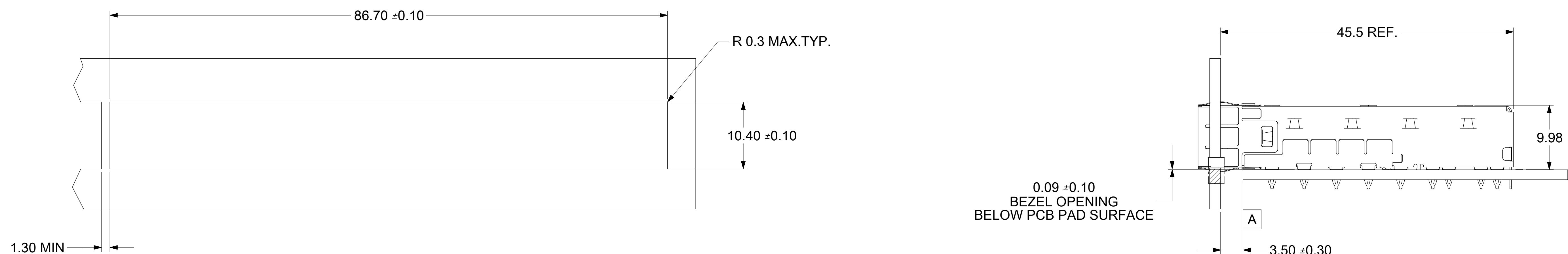
## NOTES:

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.

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		molex®	
$\nabla$	= 0	2016/01/21	2016/03/04	mm	4:1				
$\nabla$	= 0			DRWN BY	DATE				
$\nabla$	= 0			PKUMARG	2016/01/21				
$\nabla$	= 0			CHKD BY	DATE				
$\nabla$	= 0			DSUN15					
$\nabla$	= 0			APPR BY	DATE				
$\nabla$	= 0			RCHEN08	2016/03/04				
$\nabla$	= 0			DRAWING SIZE	THIRD ANGLE PROJECTION				
$\nabla$	= 0			D					
SEE REVISION TABLE		EC NO: 103331	DRVN: PKUMARG	CHKD: RCHE08	APPR: RCHE08				
SEE P/N TABLE									
PRODUCT CUSTOMER DRAWING									
SERIES									
MATERIAL NUMBER									
CUSTOMER									
GENERAL MARKET									
74754									
DOCUMENT NUMBER									
747540620									
DOC TYPE									
PSD									
DOC PART									
ASY									
SHEET NUMBER									
4 OF 6									

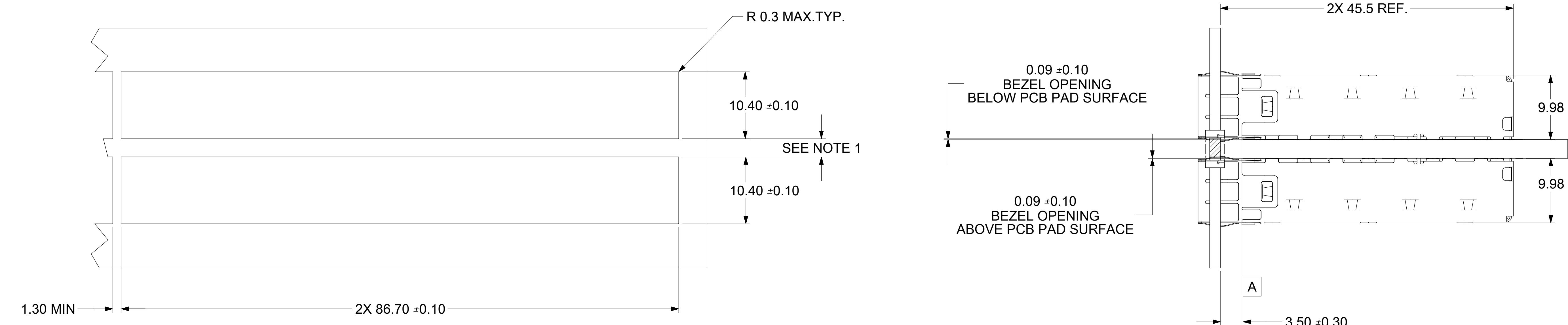
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1  
L K J H G F E D C B A  
L K J H G F E D C B A

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



G F E D C B A  
G F E D C B A

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		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	= 0	2016/01/21 2016/03/04 2016/03/04 2016/03/04			
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
	= 0	ANGULAR TOL $\pm 1.0^\circ$			
	= 0	4 PLACES $\pm$			
	= 0	3 PLACES $\pm$			
	= 0	2 PLACES $\pm 0.15$			
	= 0	1 PLACE $\pm 0.25$			
	= 0	0 PLACES $\pm$			
SEE REVISION TABLE		DRAFT WHERE APPlicable MUST REMAIN WITHIN DIMENSIONS			
SEE P/N TABLE		D			
GENERAL MARKET					
74754		SERIES 74754 MATERIAL NUMBER			
DOCUMENT NUMBER		747540620			
DOC TYPE PSD		DOC PART ASY			
SHEET NUMBER 5 OF 6					

**molex®**

SFP+ 1X6 CAGE, PRESS FIT  
W/ SPRING FINGER EMI, BELLY TO BELLY MNTG

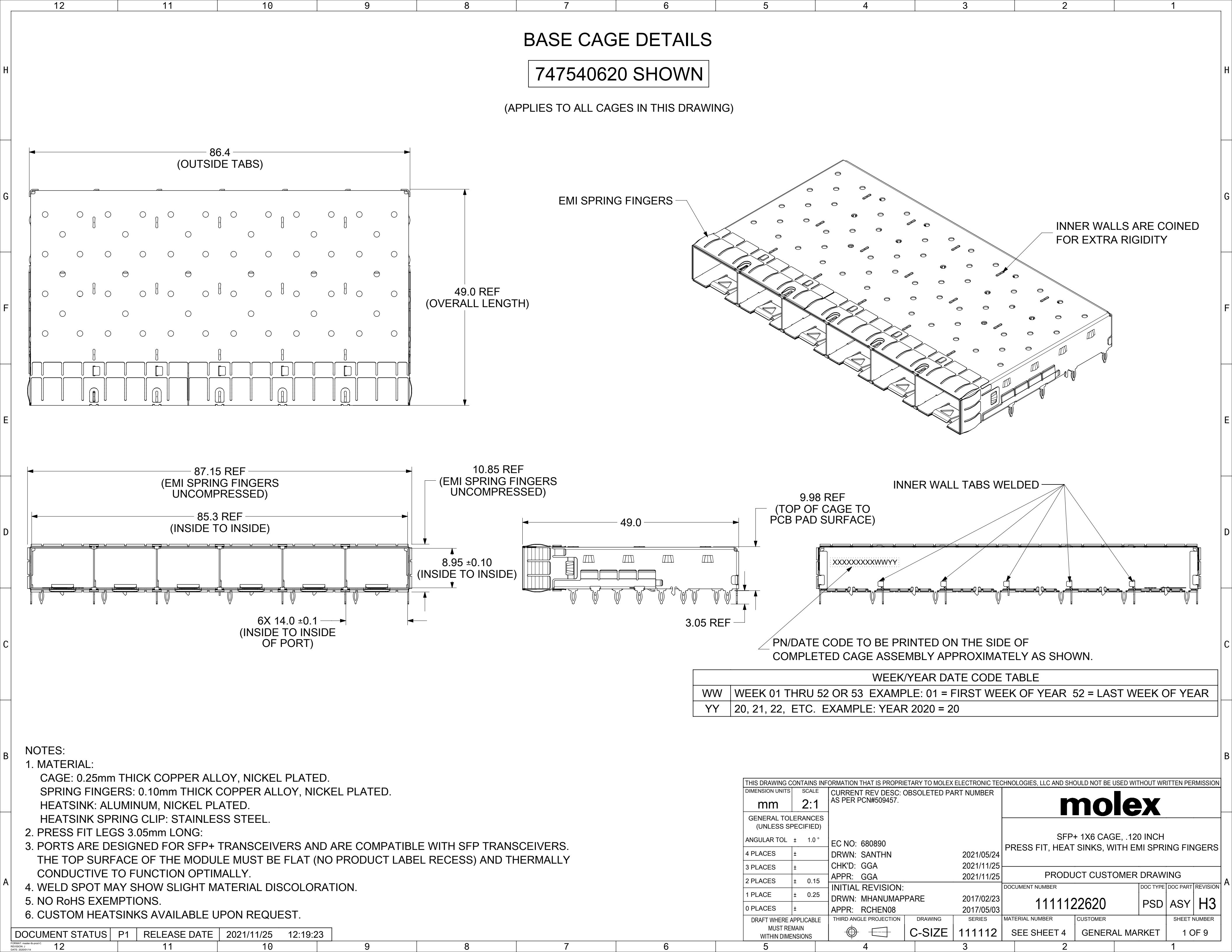
PRODUCT CUSTOMER DRAWING

SERIES 74754 MATERIAL NUMBER

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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
<b>molex®</b>									
SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG									
PRODUCT CUSTOMER DRAWING									
GENERAL MARKET									
SEE P/N TABLE		74754		SERIES		MATERIAL NUMBER		CUSTOMER	
747540620		PSD		DOC PART		SHEET NUMBER			
6 OF 6		ASY		1		3			
QUALITY SYMBOLS	SEE REVISION TABLE	EC NO: 10331	DRVN: PKUMARG	CHKD: RCHEN08	APPR: RCHEN08	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	
	10331	2016/01/21	2016/03/04	2016/03/04		ANGULAR TOL ± 1.0°	mm	3:1	
						4 PLACES	±		DRWN BY DATE
						3 PLACES	±		PKUMARG 2016/01/21
						2 PLACES	± 0.15		CHKD BY DATE
						1 PLACE	± 0.25		DSUN15
						0 PLACES	±		APPR BY DATE
						DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS			
						D	THIRD ANGLE PROJECTION		
RELEASE STATUS	P1	RELEASE DATE	2016/03/04	10:43:47		6	5	4	
19	18	17	16	15	14	13	12	11	10

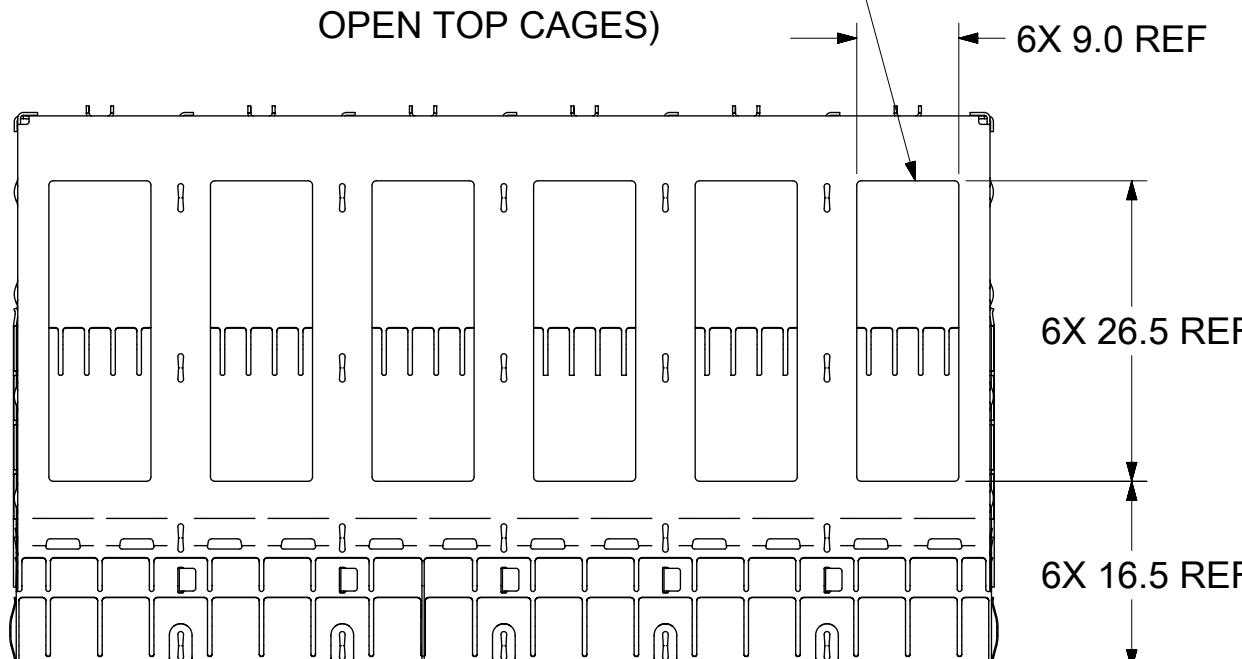


# CAGE ASSEMBLY OPTIONS

## OPEN TOP

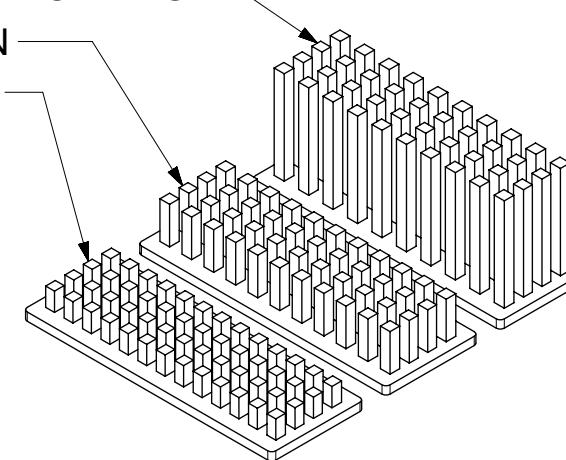
1111120620

SHOWN  
(APPLIES TO ALL  
OPEN TOP CAGES)



### HEATSINK OPTIONS

PIN FIELD NETWORKING  
PIN FIELD SAN  
PIN FIELD PCI



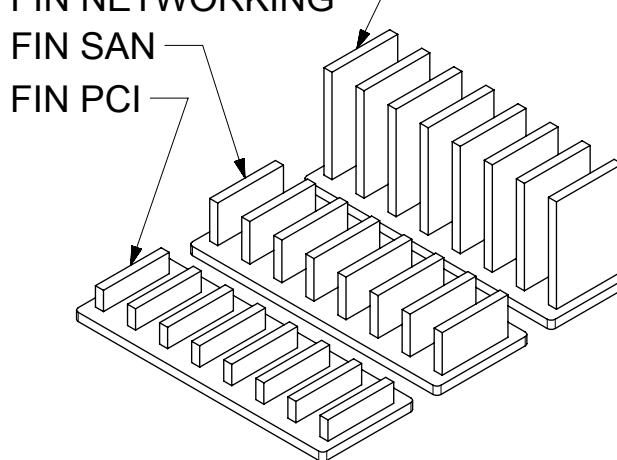
### OVERALL HEATSINK HEIGHT

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

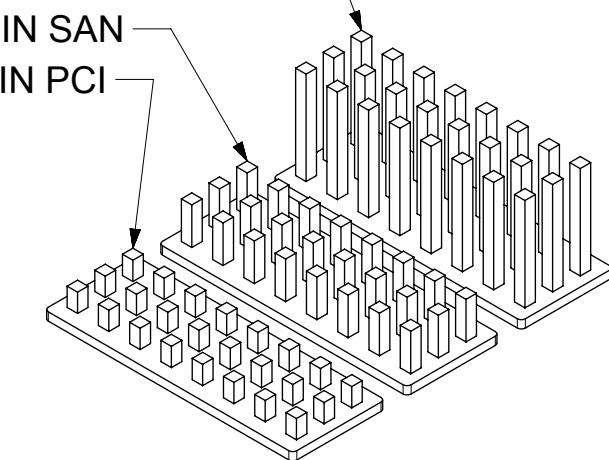


### OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

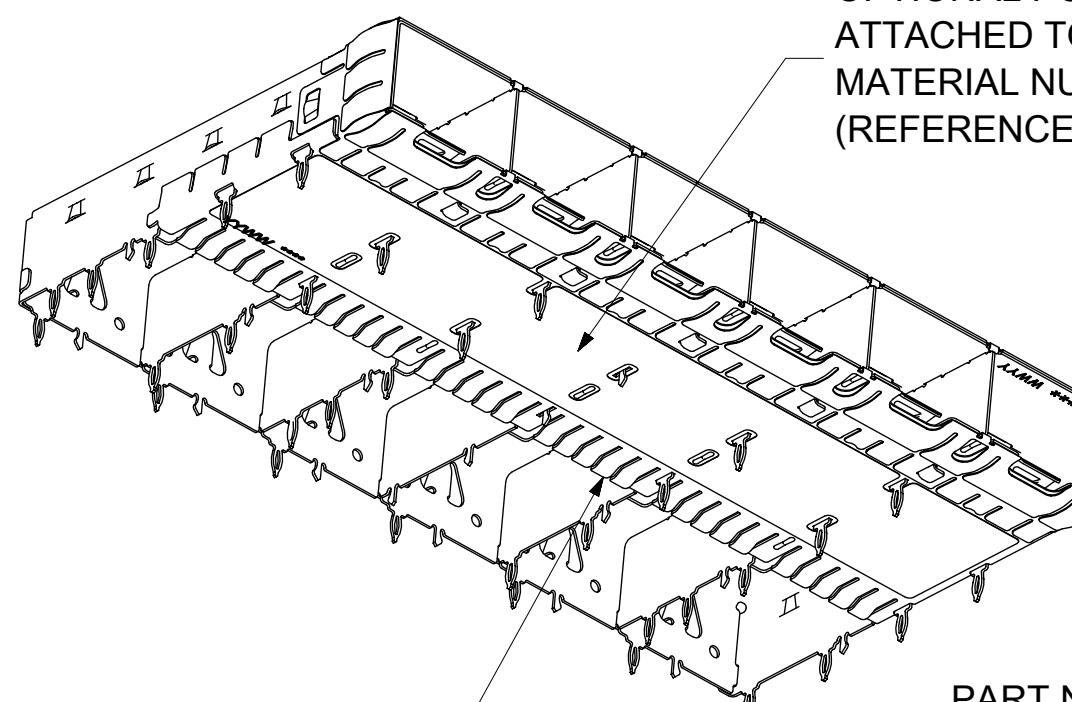
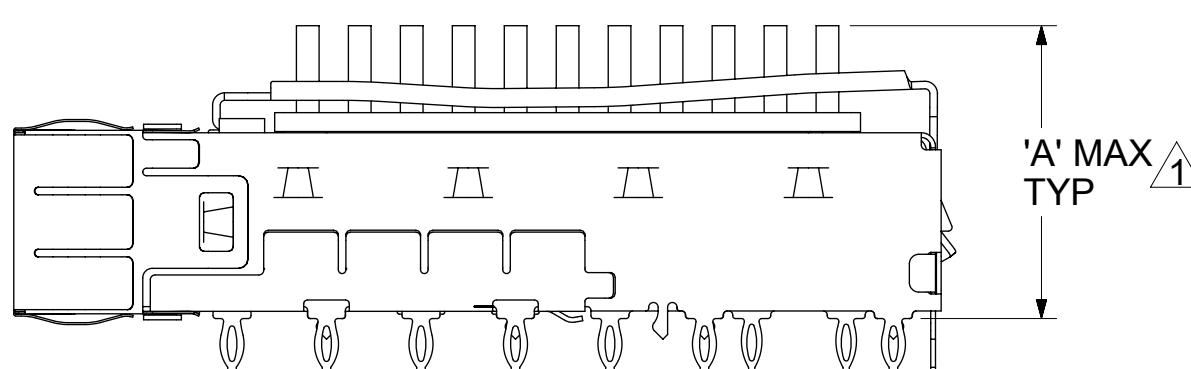
### HEATSINK OPTIONS

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

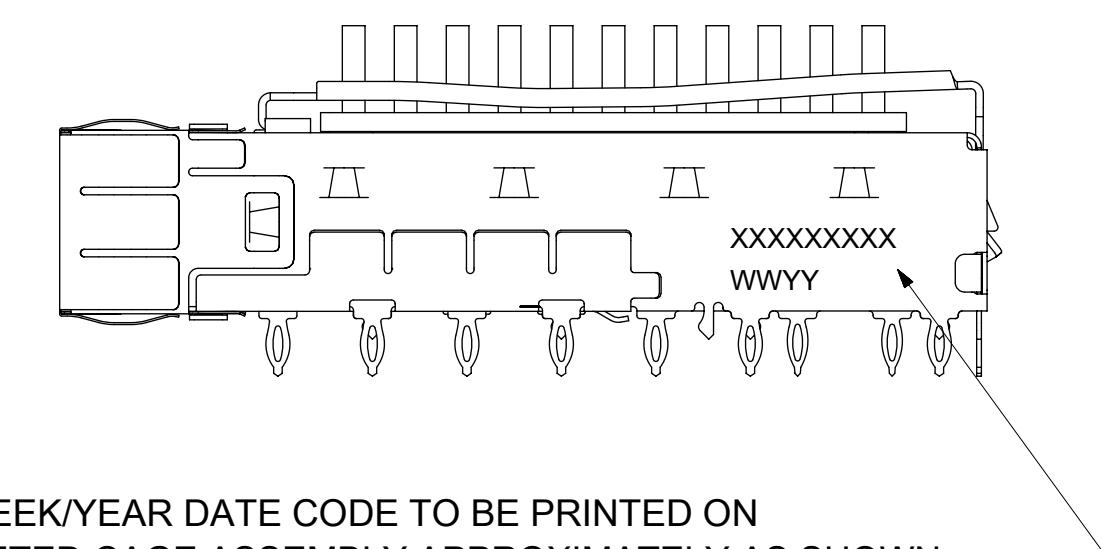


### OVERALL HEATSINK HEIGHT

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6



UNDERBELLY EMI  
SPRING FINGERS



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

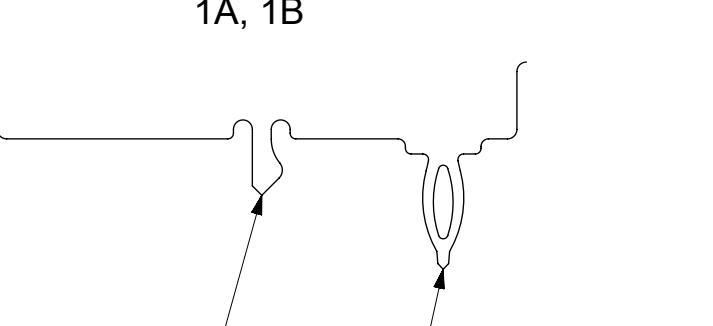
OPTIONAL POLYIMIDE INSULATOR  
ATTACHED TO BOTTOM OF CAGE  
MATERIAL NUMBER 739300634  
(REFERENCE)

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

## REAR LEG OPTIONS

(PER PORT)

1A, 1B



WEEK/YEAR DATE CODE TABLE			
WW	01 THRU 52 OR 53	EXAMPLE: 01 = FIRST WEEK OF YEAR	52 = LAST WEEK OF YEAR
YY	20, 21, 22, ETC.	EXAMPLE: YEAR 2020 = 20	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457.	
mm	1.5:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL $\pm$ 1.0°			
4 PLACES	$\pm$	EC NO: 680890	2021/05/24
3 PLACES	$\pm$	DRWN: SANTHN	2021/11/25
2 PLACES	$\pm$ 0.15	CHK'D: GGA	2021/11/25
1 PLACE	$\pm$ 0.25	APPR: GGA	2017/02/23
0 PLACES	$\pm$	INITIAL REVISION: DRWN: MHANUMAPPARE	2017/05/03
		APPR: RCHEN08	
		DRAFT WHERE APPROPRIATE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION
			DRAWING
			SERIES
			C-SIZE
			111112
			SEE SHEET 4
			GENERAL MARKET
			2 OF 9

**molex**

SFP+ 1X6 CAGE, .120 INCH

PRESS FIT, HEAT SINKS, WITH EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER 1111122620

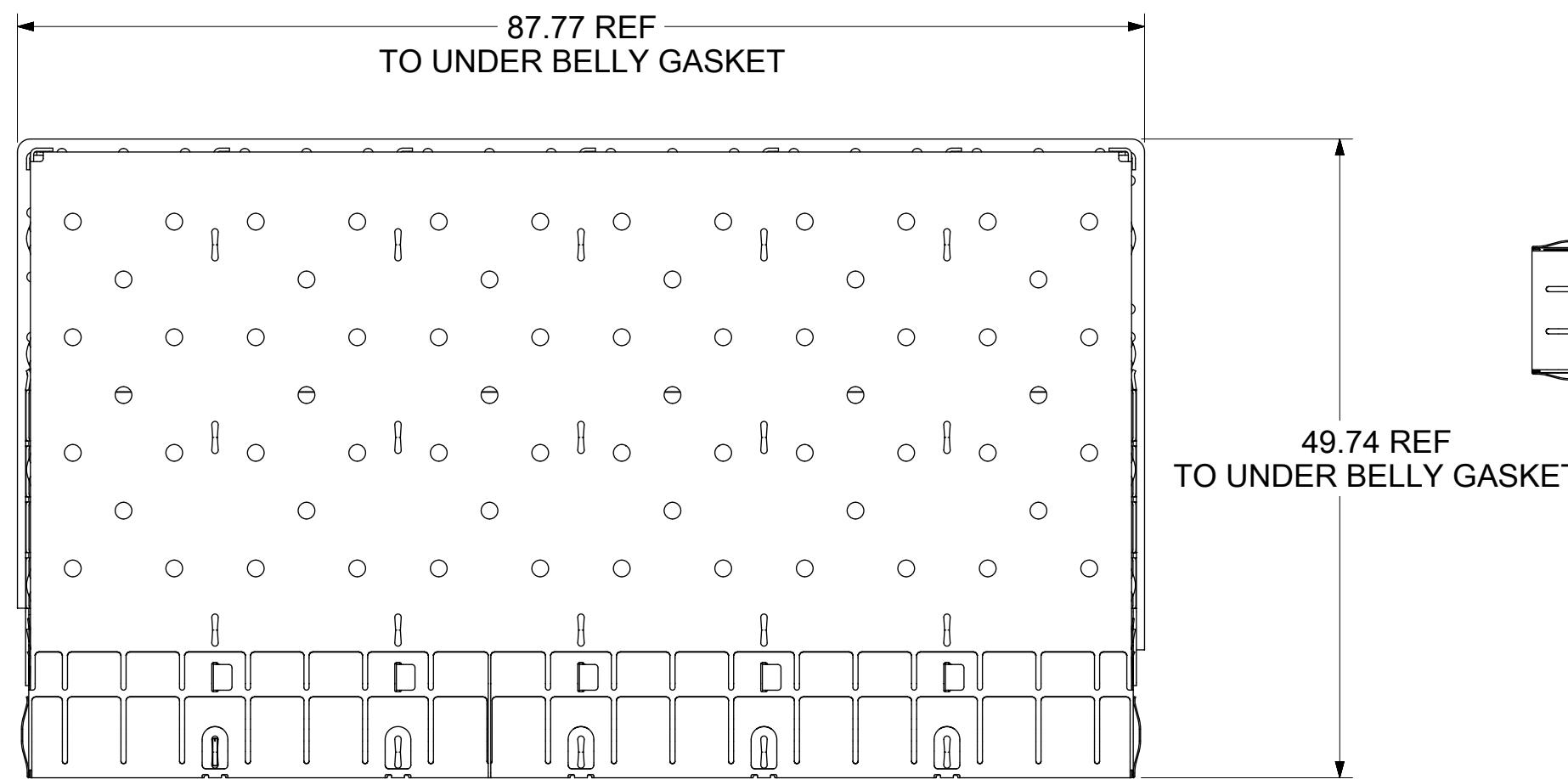
DOC TYPE PSD

DOC PART ASY

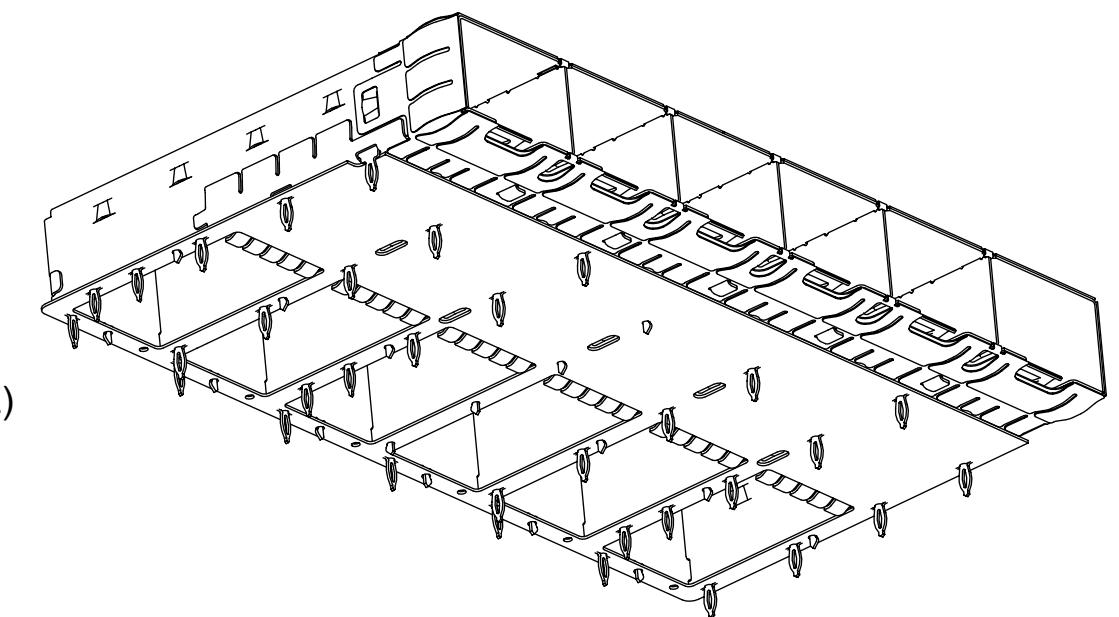
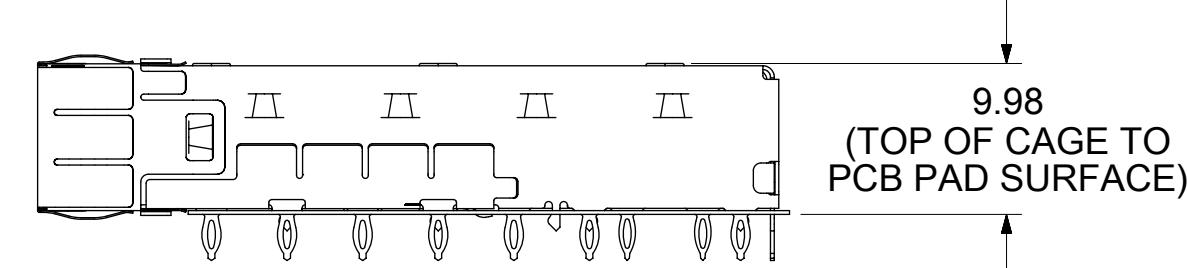
REVISION H3

OPTIONAL GEN 2 UNDER BELLY GASKET

1001150620 SHOWN



49.74 REF  
TO UNDER BELLY GASKET



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

DIMENSION UNITS SCALE CURRENT REV DESC: OBSOLETED PART NUMBER AS PER PCN#509457.

mm 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL  $\pm$  1.0°

EC NO: 680890

DRWN: SANTHN 2021/05/24

CHK'D: GGA 2021/11/25

APPR: GGA 2021/11/25

INITIAL REVISION:

DRWN: MCHANUMAPPARE 2017/02/23

APPR: RCHEN08 2017/05/03

DRAFT WHERE APPPLICABLE

MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION DRAWING SERIES

DOCUMENT NUMBER 1111122620 PSD ASY H3

DOC TYPE

DOC PART

REVISION

**molex**

SFP+ 1X6 CAGE, .120 INCH

PRESS FIT, HEAT SINKS, WITH EMI SPRING FINGERS

PRODUCT CUSTOMER DRAWING

1111122620 PSD ASY H3

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE SHEET 4

GENERAL MARKET

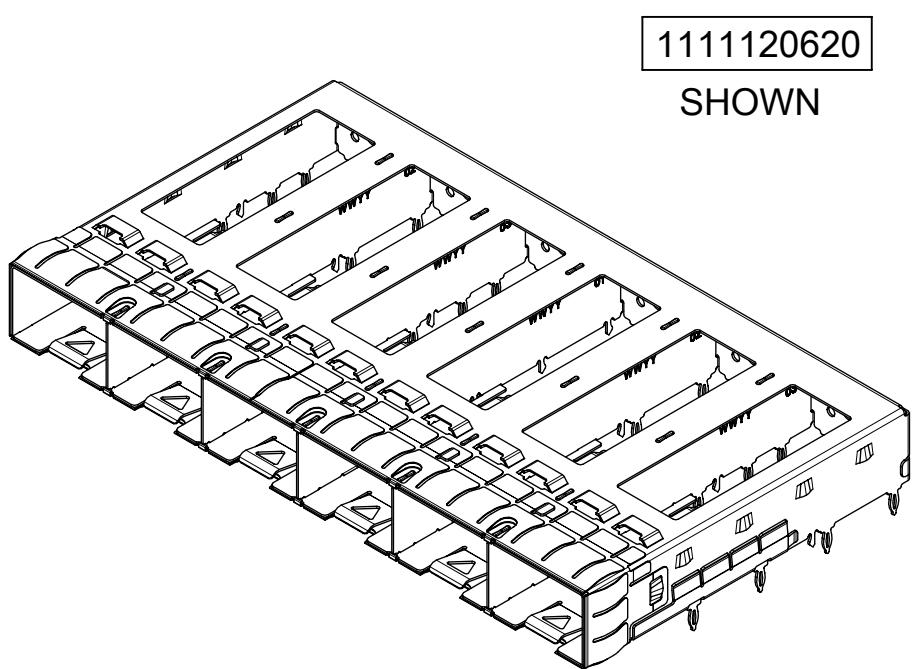
3 OF 9

DOCUMENT STATUS P1 RELEASE DATE 2021/11/25 12:19:23

12 11 10 9 8 7 6 5 4 3 2 1

FORMAT: master-Dp-p0-C  
REVISION: 00  
DATE: 2020/01/14

# PART NUMBER SELECTION



SFP+ OPEN TOP BASE CAGE FOR HEATSINKS

PART NO.	POLYIMIDE INSULATOR	# OF REAR LEGS PER PORT
1111120620	---	1A, 1B
1111120660	YES	1A, 1B

SFP+ PIN FIELD HEATSINK OPTION

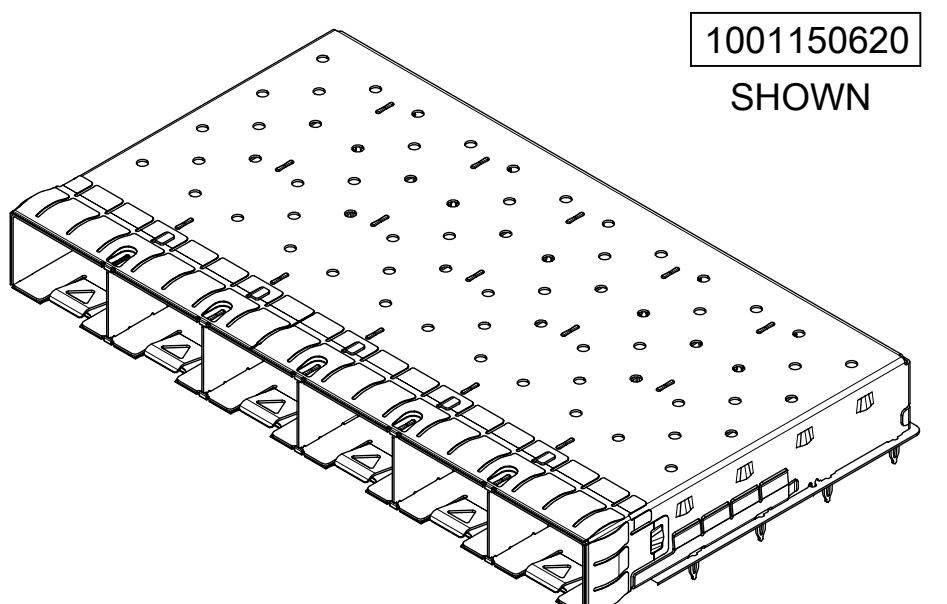
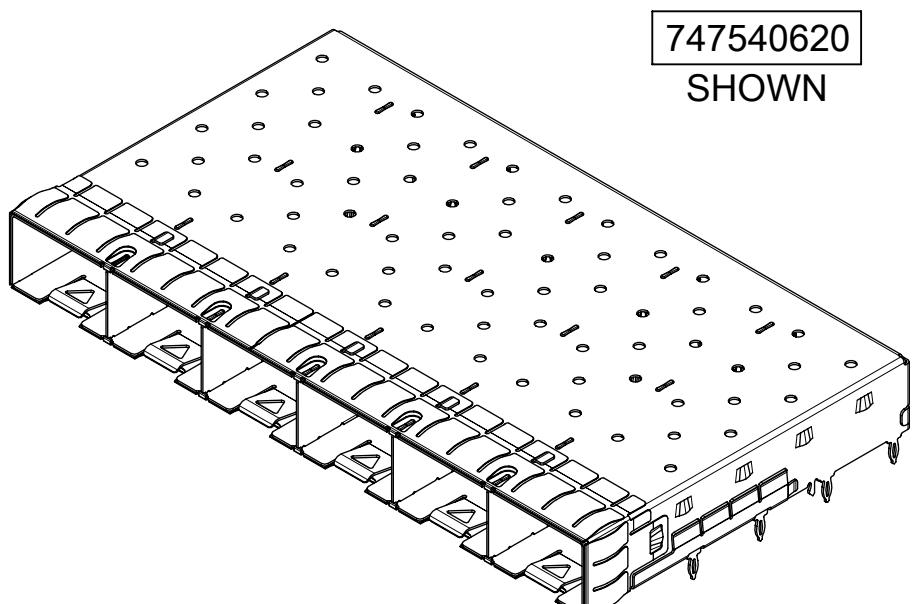
PART NO.	POLYIMIDE INSULATOR	HEATSINK	# OF REAR LEGS PER PORT
1111121620	---	PCI	1A, 1B
1111121660	YES	PCI	1A, 1B
1111122660	YES	SAN	1A, 1B
1111123620	---	NET	1A, 1B

SFP+ LATERAL FIN HEATSINK OPTION

PART NO.	POLYIMIDE INSULATOR	HEATSINK	# OF REAR LEGS PER PORT
1111124660	YES	PCI	1A, 1B
1111125660	YES	SAN	1A, 1B
1111126660	YES	NET	1A, 1B

SFP+ WIDE GAP PIN FIELD HEATSINK OPTION

PART NO.	POLYIMIDE INSULATOR	HEATSINK	# OF REAR LEGS PER PORT
1111127660	YES	PCI	1A, 1B
1111128660	YES	SAN	1A, 1B
1111129660	YES	NET	1A, 1B



SFP+ CLOSED TOP BASE CAGE

PART NO.	POLYIMIDE INSULATOR	SF WELD POINTS	# OF REAR LEGS PER PORT
747540620	---	2	1A, 1B

zSFP+ GEN 2 CLOSED TOP BASE CAGE

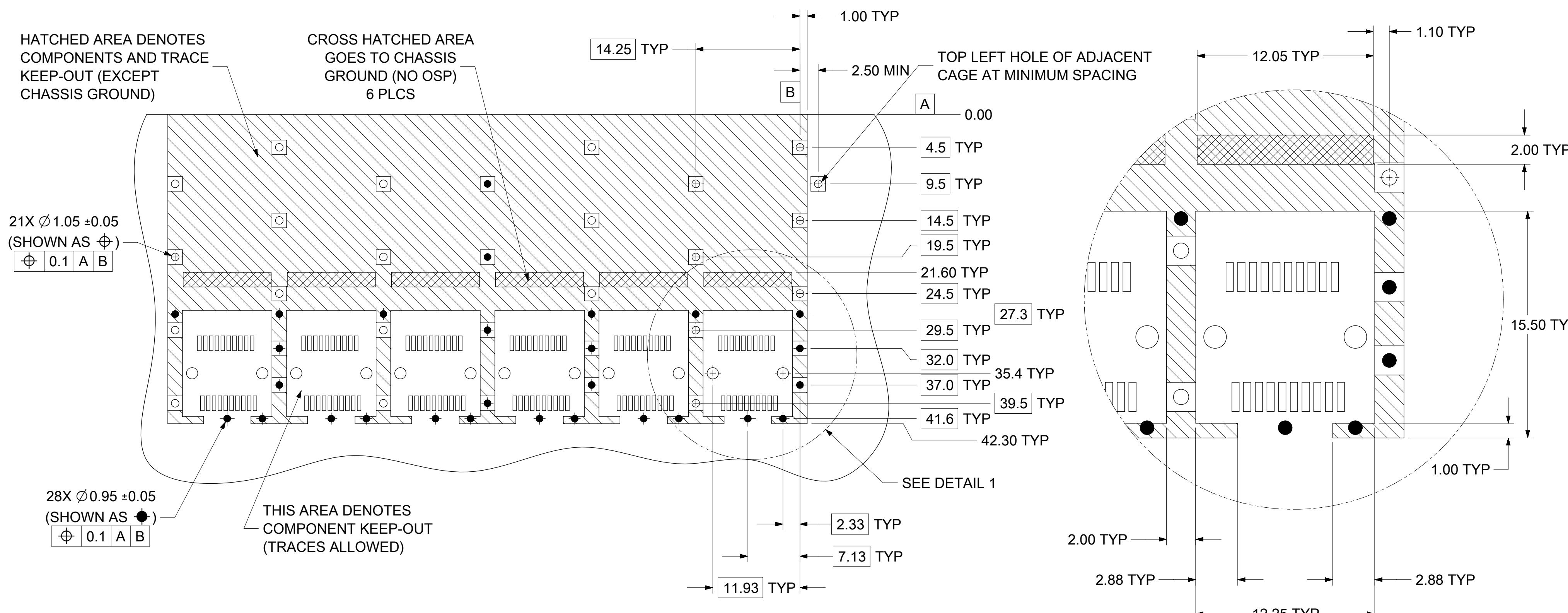
PART NO.	POLYIMIDE INSULATOR	# OF REAR LEGS PER PORT
1001150620	---	1A, 1B

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				molex			
DIMENSION UNITS mm				SCALE 1.25:1			
GENERAL TOLERANCES (UNLESS SPECIFIED)				CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457.			
ANGULAR TOL $\pm$ 1.0°				EC NO: 680890			
4 PLACES $\pm$				DRWN: SANTHN			
3 PLACES $\pm$				2021/05/24			
2 PLACES $\pm$ 0.15				CHK'D: GGA			
1 PLACE $\pm$ 0.25				2021/11/25			
0 PLACES $\pm$				APPR: GGA			
INITIAL REVISION:				2021/11/25			
DRWN: MHANUMAPPARE				2017/02/23			
APPR: RCHEN08				2017/05/03			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
						111112	CUSTOMER
							SEE SHEET 4
							GENERAL MARKET
							4 OF 9

# PCB LAYOUT FOR SINGLE SIDE MOUNT

## HOST CONNECTOR DETAIL



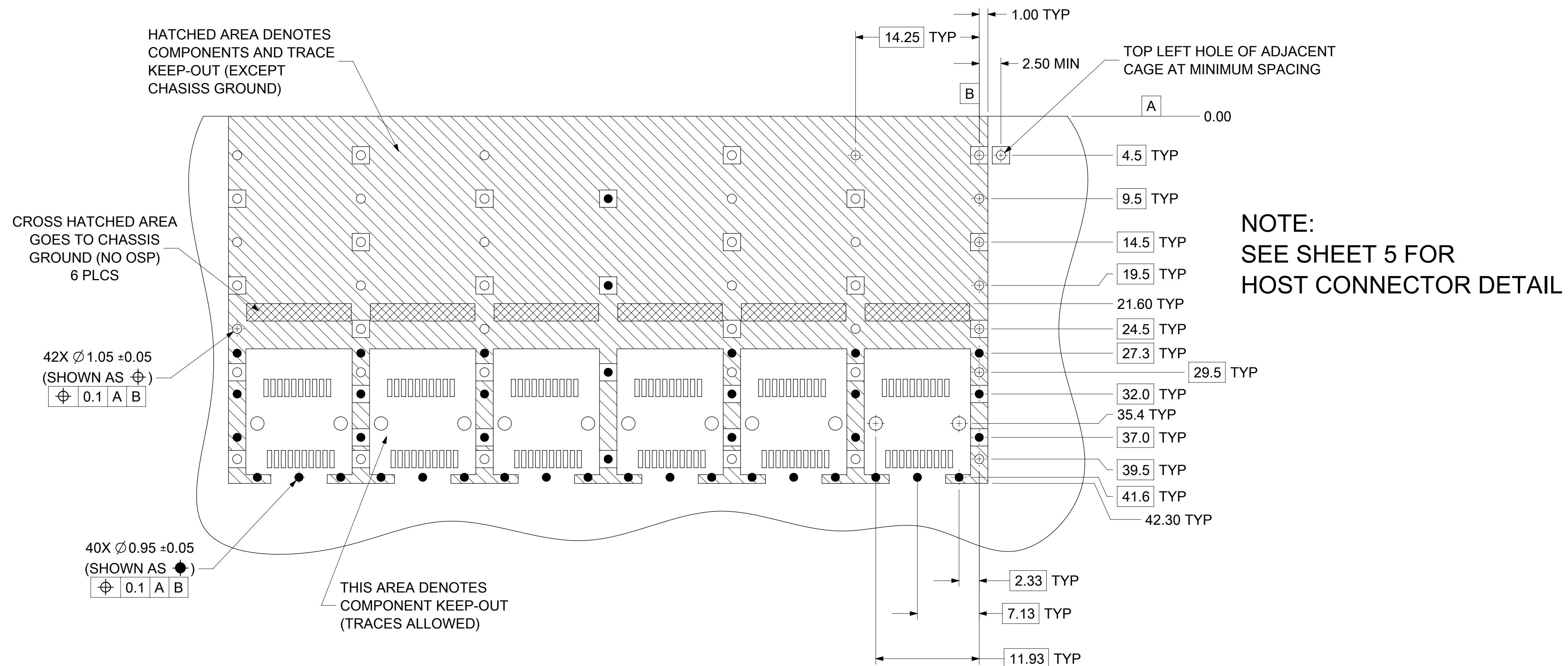
DETAIL 1  
SCALE 5:1

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 SINGLE SIDED USE: 1.57mm

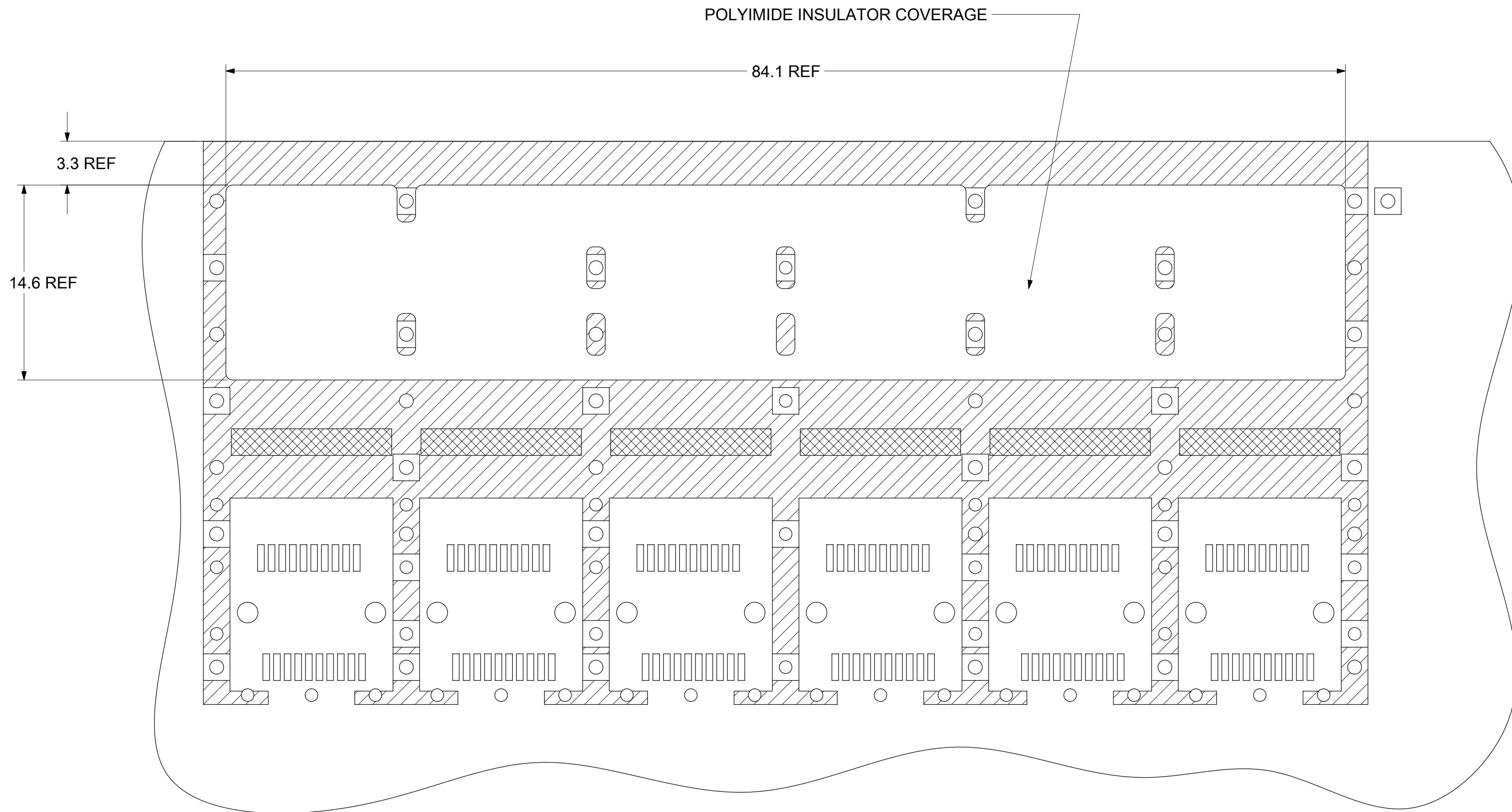
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457.	
mm	2.5:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL $\pm 1.0^\circ$			
4 PLACES	$\pm$	EC NO: 680890	
3 PLACES	$\pm$	DRWN: SANTHN	
2 PLACES	$\pm 0.15$	CHK'D: GGA	
1 PLACE	$\pm 0.25$	APPR: GGA	
0 PLACES	$\pm$	INITIAL REVISION: DRWN: MCHANUMAPPARE	
		APPR: RCHE08	
DRAFT WHERE APPlicable MUST REMAIN WITHIN DIMENSIONS		2017/02/23	2017/05/03
		DOCUMENT NUMBER 1111122620	
		DOC TYPE PSD	DOC PART ASY
		REVISION H3	
THIRD ANGLE PROJECTION		MATERIAL NUMBER	CUSTOMER
		SEE SHEET 4	GENERAL MARKET
		SHEET NUMBER 5 OF 9	

# PCB LAYOUT FOR BELLY TO BELLY MOUNTING



# 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

DIMENSION UNITS SCALE CURRENT REV DESC: OBSOLETED PART NUMBER AS PER PCN#509457.

mm 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL  $\pm$  1.0°

EC NO: 680890

DRWN: SANTHN 2021/05/24

CHK'D: GGA 2021/11/25

APPR: GGA 2021/11/25

INITIAL REVISION:

DRWN: MHANUMAPPARE 2017/02/23

APPR: RCHE08 2017/05/03

DRAFT WHERE APPlicable  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION DRAWING SERIES

DOCUMENT NUMBER 1111122620 PSD ASY H3

MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE SHEET 4 GENERAL MARKET 7 OF 9

**molex**

SFP+ 1X6 CAGE, .120 INCH

PRESS FIT, HEAT SINKS, WITH EMI SPRING FINGERS

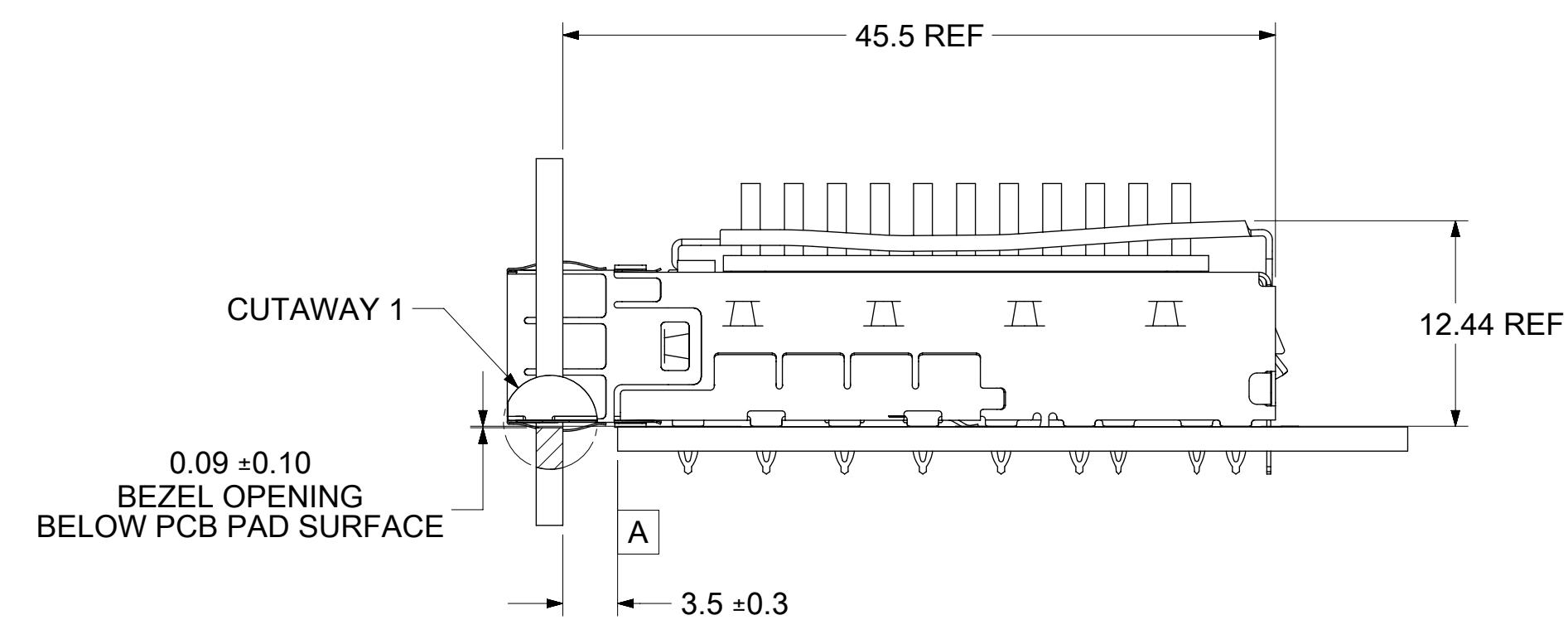
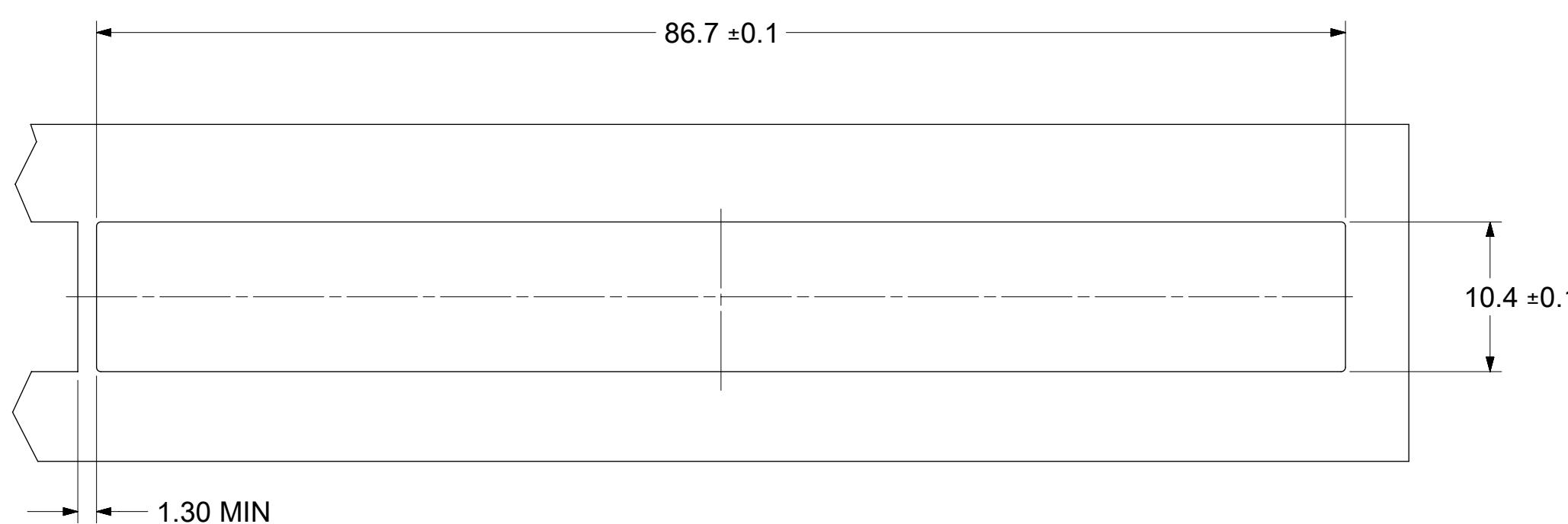
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER 1111122620 PSD ASY H3

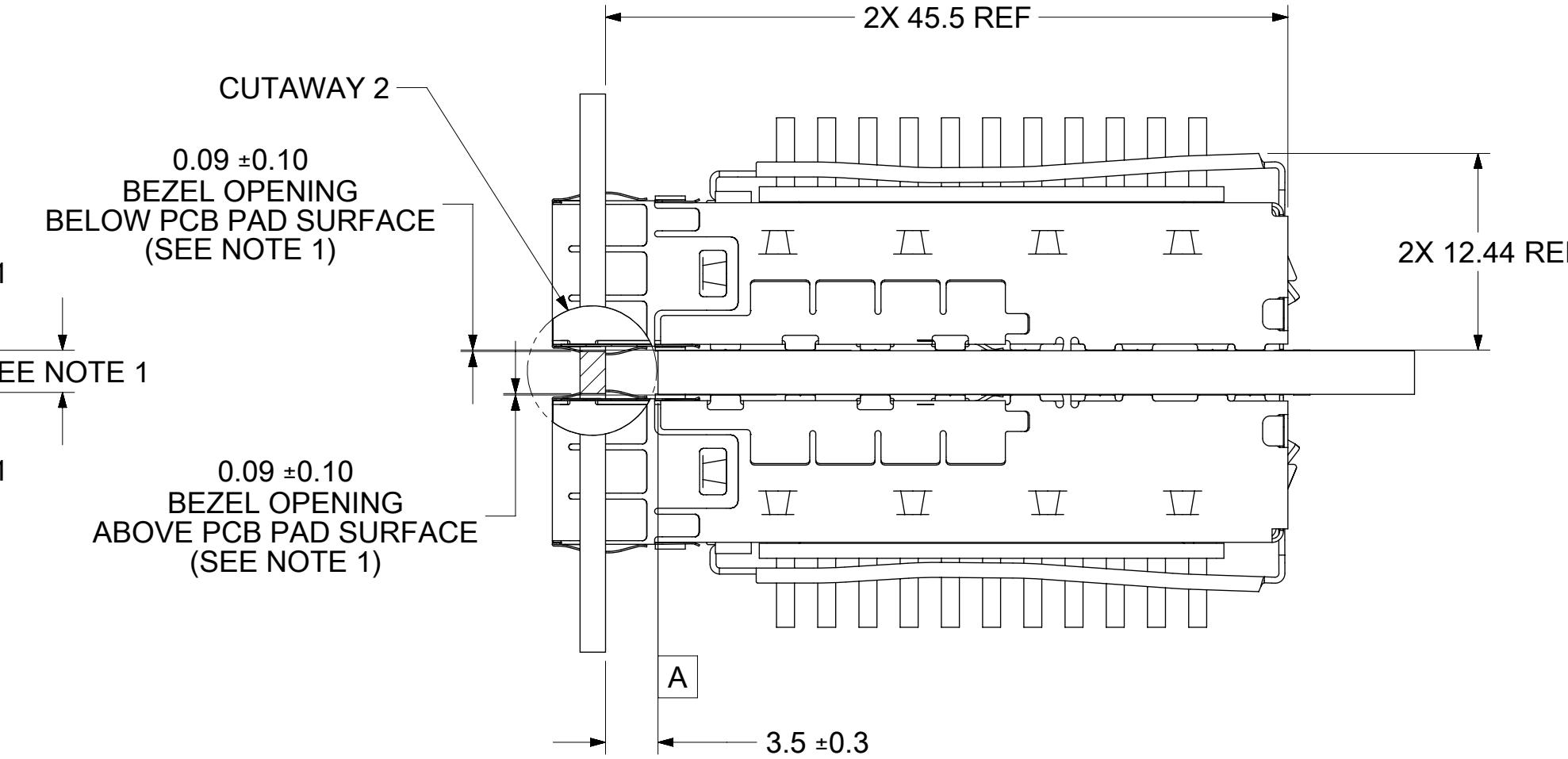
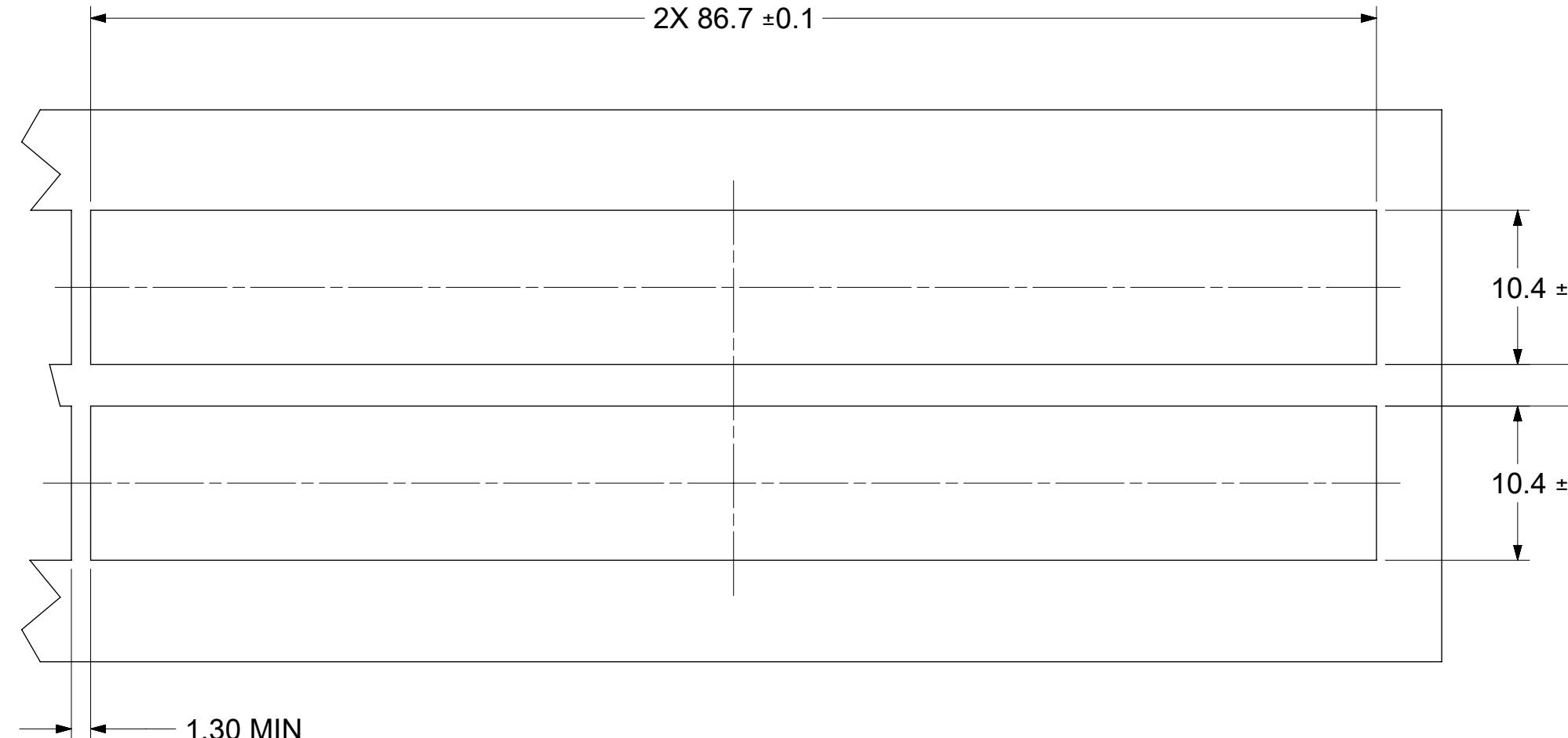
MATERIAL NUMBER CUSTOMER SHEET NUMBER

SEE SHEET 4 GENERAL MARKET 7 OF 9

# BEZEL AND BOARD POSITION DIMENSIONS FOR SINGLE SIDE MOUNTING



# BEZEL AND BOARD POSITION DIMENSIONS FOR BELLY TO BELLY MOUNTING



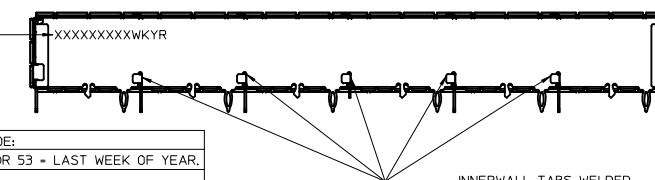
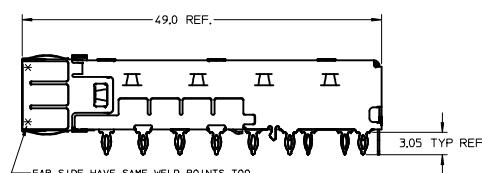
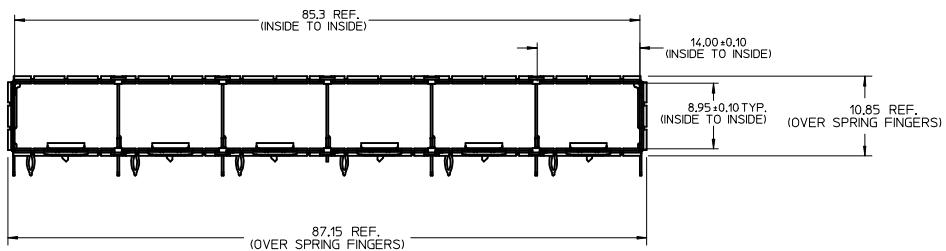
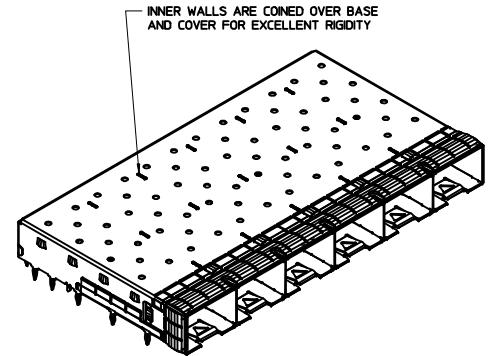
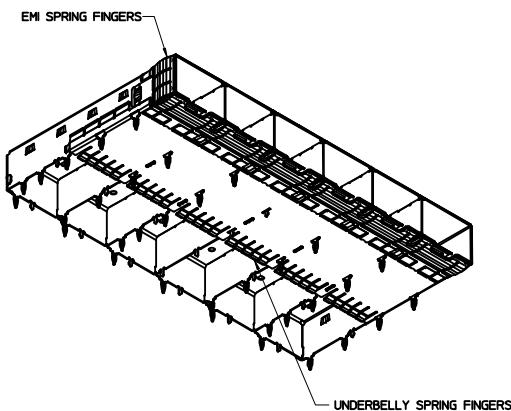
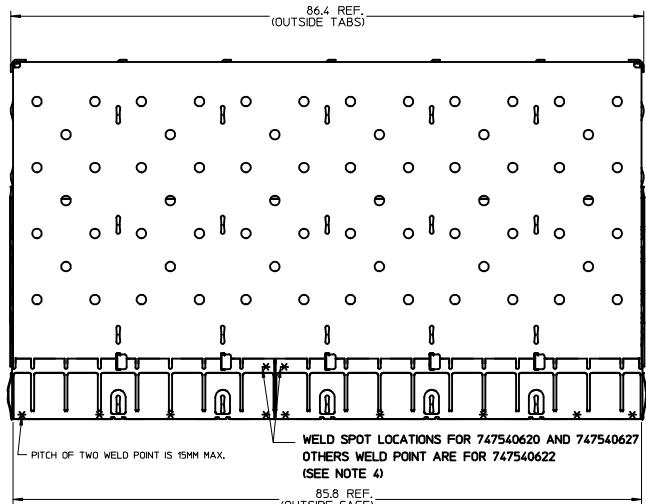
**NOTE:**  
1. PCB THICKNESS VARIATION MUST BE CONSIDERED WHEN DETERMINING BEZEL OPENING LOCATION.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
DIMENSION UNITS		SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457.
mm	2.5:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	± 1.0°		
4 PLACES	±		EC NO: 680890
3 PLACES	±		DRWN: SANTHN
2 PLACES	± 0.15		2021/05/24
1 PLACE	± 0.25		CHK'D: GGA
0 PLACES	±		2021/11/25
INITIAL REVISION:			
DRWN: MCHANUMAPPARE		APPR: GGA	2021/11/25
APPR: RCHEN08			2017/02/23
			2017/05/03
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING
			SERIES
		◎	C-SIZE
			111112
DOCUMENT NUMBER		1111122620	DOC TYPE
DOC PART		PSD	ASY
REVISION		H3	
MATERIAL NUMBER			
CUSTOMER			
SEE SHEET 4			
GENERAL MARKET			
SHEET NUMBER			
8 OF 9			

12	11	10	9	8	7	6	5	4	3	2	1	
H												
G												
F												
E												
D												
C												
B												
A												
REV		DATE	DESCRIPTION									
1	2011/06/21	1. INITIAL RELEASE										
A	2011/06/30	1. UPDATED THE CAGE TOP TO INCLUDE HOLES FOR LIGHTPIPES.										
B	2011/08/18	1. REVISED NOTES; CHANGED HEATSINK HEIGHT FROM 8.63 TO 6.5; TABULARIZED PCI, SAN, AND NETWORKING; ADDED HEATSINK HEIGHT WITH MODULE INSERTED [SHT1]. MOVED TABLE AND EXPLODED VIEW TO SHEET 2 AND REORDERED FOLLOWING SHEETS. REMOVED NOTE 6 [SHT1]. UPDATED VIEWS [SHT5]; REMOVED WELD SPOTS [SHT1]; UPDATED ALL SHEETS TO NEW FRAME.										
C	2012/07/31	1. HIDE HEATSINK CLIP FROM TOP VIEW, REMOVED CUTAWAY AND ADDED "SEE TABLE ON SHEET 2" TO BOTTOM 1 VIEW, ADDED MODEL NOTATION IN TOP CORNER ON SHEET 1, MOVED VIEW FOR HEATSINK HEIGHT FROM SHEET 1 TO SHEET 2 AND REMOVED HEAT SINK HEIGHT TABLE FROM SHEET 1, ADDED KAPTON TAPE MODEL TO EXPLODED VIEW ON SHEET 2, REMOVED DIM 'B' FROM SHEET 2, EXPANDED P/N TABLE ON SHEET 2 TO INCLUDE HEAT SINK DIM AND KAPTON TAPE OPTIONS, REWORDED ANNOTATIONS FOR CORRECT ORIENTATION ON SHEET 5										
D	2012/10/22	1. NEW SHEET 2: ISO VIEWS OF CAGE WITH THREE DIFFERENT SIZES EACH OF THREE DIFFERENT HEATSINK TYPES AND ISO VIEW OF CAGE WITH KAPTON TAPE OPTION, ANNOTATIONS TO POINT TO EACH HEATSINK SIZE, SIDE VIEW OF CAGE WITH DIMENSION, TABLES UNDER EACH VIEW WITH DIMESIONS FOR EACH HEATSINK SIZE, SHEET TITLE.SHEET 3: REMOVED ISO VIEW AND REPLACED WITH 4 VIEWS OF CAGE WITHOUT HEATSINKS AND WITH EACH OF THREE DIFFERENT TYPES OF HEATSINK, ADDED TABLES BELOW EACH VIEW WITH PART NUMBERS ACCORDING TO HEATSINK TYPE AND SIZE AND PRESENCE OR ABSENCE OF KAPTON TAPE, ADDED SHEET TITLE.NEW SHEET 6: TWO VIEWS OF PCB FOR SINGLE SIDE AND BELLY TO BELLY MOUNTING SHOWING POLYIMIDE INSULATOR COVERAGE AND DIMENSIONS.										
E	2013/02/08	1. ADDED EMI SPRING FINGER UNCOMPRESSED OVERALL DIMENSIONS TO FRONT VIEW, @F17 & 13. UPDATED FINISHED ASSEMBLY PRINTED PN/DATE CODE, ADDED BACK VIEW AND INNER WALL WELD NOTE, @E4. REMOVED BELLY ISO VIEW. ADDED DIMENSION 9.98 REF TOP OF COIN, @F7. MOVED MIN PCB THICKNESS NOTE TO RESPECTIVE PCB LAYOUT SHEETS. MOVED OPEN TOP VIEW & CUTOUT DIMENSIONS TO SHEET 2. (SHEET 1) 2. ADDED "REAR LEG OPTIONS" SECTION, @B16. REMOVED CAGES FROM HEATSINK OPTIONS VIEWS & UPDATED TABLES, @J2, J6 & J11. MOVED VIEW FROM I16 TO E9. ADDED ISO VIEW TO IDENTIFY UNDER BELLY GASKET @E3, TOP VIEW OF OPEN TOP & DIMENSIONS @J16. (SHEET 2) 3. ADDED PN'S 747540620, 747540622 & 1111110620 ADDING VIEWS AND PN TABLES. ADDED "SFP+" TO TABLES (SHEET 3) 4. REMOVED SINGLE SIDED VIEW AND ADDED APPLICATION NOTE TO TOP OF SHEET. (SHEET 6) 5. ADDED CENTER LINES TO BEZELS. REMOVED CUTAWAY 1 & 3 SIDE VIEWS, RENAMED CUTAWAY 2 TO CUTAWAY 1 AND CUTAWAY 4 TO CUTAWAY 2. REMOVED "SEE NOTE 1" FROM BEZEL OPENING DIMENSION "10.4±0.1", @K10. ADDED "SEE NOTE 1" @E10. REMOVED "SIZE AND" FROM NOTE 1. CORRECTED 3D MODEL CHANGING DIMENSION 12.48 TO 12.44, @K1 & F1. (SHEET 7) 6. MOVED NOTES TO BOTTOM LEFT CORNER AND INCREASED TEXT HEIGHT. (SHEETS 1, 4, 5 & 7)										
F	2014/02/11	1. CHANGED "WILL" TO "MAY" IN NOTE 4 ON SHEET 1. 2. REMOVED ISO VIEW AND ADDED RIGHT SIDE VIEW @E4 SHEET 2. ADDED NEW SHEET 3 WITH 100115-0620. 3. REMOVED DATE CODE AND NOTES FROM VIEW @E10 AND ADDED TO VIEW @E7 AND UPDATED MATERIAL NO. "WAS" 3 "NOW" 4 ON SHEETS 1, 2, 5 - 9. 4. MOVED HEATSINK NOTES TO LOWER LEFT CORNER AND ADDED VIEW AND PN TABLE FOR 1001150620 ON SHEET 4. 5. REMOVED 111111-0620 FROM SHEET 4 AND REPLACED WITH ISO VIEW AND TABLE FOR 100115-0620. 6. REVISED NOTE "WAS SEE SHEET 2 "NOW" SEE SHEET 5 @I3 SHEET 6.										
G	2017/02/24	REMASTERED FROM SD-111112-2620 REV_F TO 1111122620 PSD ASY REV_G IN NX SHEET 8 : D1 : ADDED 2X TO THE DIM 12.44 REF										
H	2017/11/02	SHEET 2: D2: CHANGED TO DOUBLE ROWS FOR DATE CODE. SHEET 4: P/N 1111128620 OBSOLETED										
H1	2019/12/19	SHEET 4: P/N 1111124620 OBSOLETED										
H2	2020/05/04	SHEET 01 : E11 :REMOVED "UNWANTED WELDING SPOT" AT THIS LOCATION SHEET 03 : E11 :REMOVED "UNWANTED WELDING SPOT" AT THIS LOCATION										
H3	2021/05/24	REMOVED OBSOLTED P/N 1111123660, 1111122620, 1111124620, 1111125620, 1111126620, 1111127620, 1111128620, 1111128620, 747540622.										
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
DOCUMENT STATUS		P1	RELEASE DATE	2021/11/25	12:19:23	DIMENSION UNITS		SCALE	CURRENT REV DESC: OBSOLETED PART NUMBER AS PER PCN#509457.			
						mm		1:1				
						GENERAL TOLERANCES (UNLESS SPECIFIED)						
						ANGULAR TOL ± 1.0°						
						EC NO: 680890						
						DRWN: SANTHN		2021/05/24				
						CHK'D: GGA		2021/11/25				
						APPR: GGA		2021/11/25				
						INITIAL REVISION:						
						DRWN: MHANUMAPPARE		2017/02/23				
						APPR: RCHEN08		2017/05/03				
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	
										C-SIZE	111112	
										MATERIAL NUMBER	CUSTOMER	
						SEE SHEET 4				GENERAL MARKET		
						9 OF 9						

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

MM 3D MODEL: EM-74754-0620-ASSY



NOTES:

1. MATERIAL:  
CAGE: COPPER ALLOY, THICKNESS 0.25mm.  
SPRING FINGER: NICKEL PLATED COPPER ALLOY, THICKNESS 0.10mm.
2. 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.
3. OPTIONAL LIGHT PIPE ASSEMBLY AVAILABLE.
4. WELD SPOTS MAY SHOW SLIGHT MATERIAL DISCOLORATION.
5. PORTS ARE DESIGNED FOR SFP+ TRANSCEIVERS AND ARE COMPATIBLE WITH SFP TRANCEIVERS.
6. 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

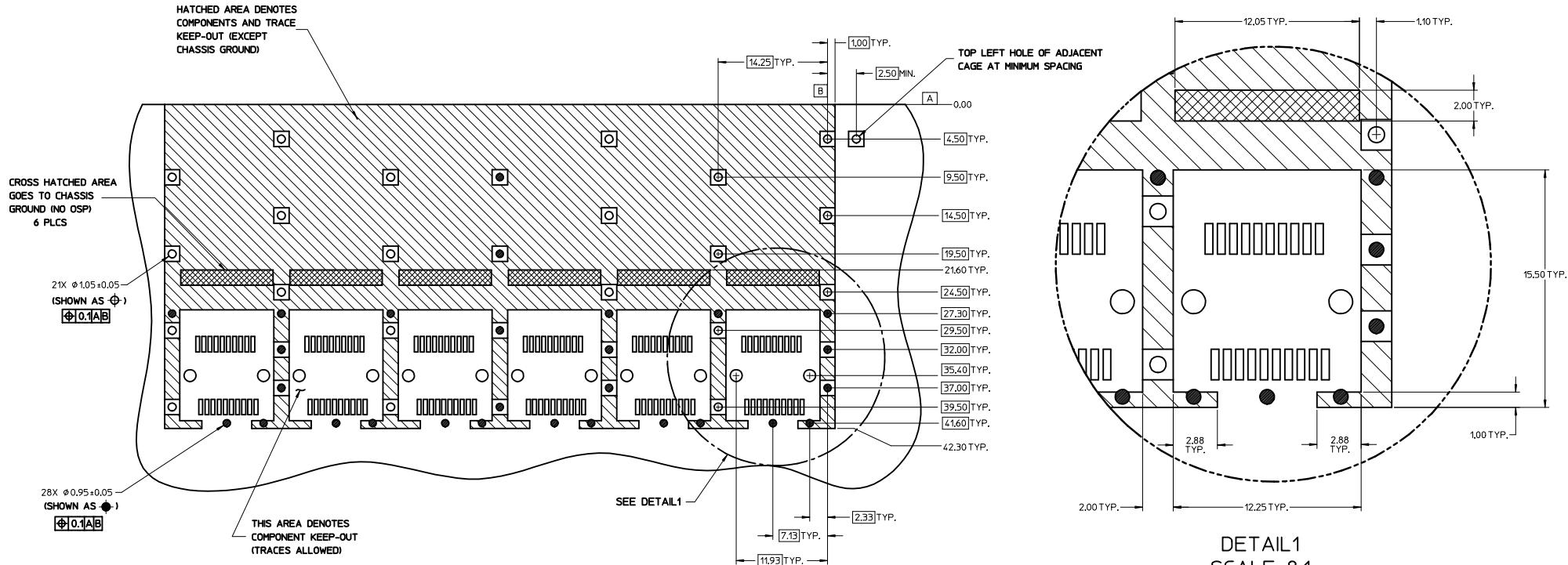
SFP+ 1X6 CAGES PRESS FIT W/ SPRING FINGERS		
MOLEX P/N	DESCRIPTION	PLATING
747540620	SFP+ 1X6 CAGE PRESS FIT W/ 2 WELD POINT W/ 5 WELD REAR TABS	PRE-PLATED: NICKEL (1.27-3.81 $\mu$ m)
747540622	SFP+ 1X6 CAGE PRESS FIT W/ WELD POINT ON FOUR SIDES	PRE-PLATED: NICKEL (1.27-3.81 $\mu$ m)
747540627	SFP+ 1X6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

SEE P/N TABLE	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
REV	ECN NO.	DATE	DRAWN BY	DATE	TITLE	MOLEX	DOCUMENT NO.
G	FCG2016-0444 DRWNSHESITY CHKD: APPR:RCHEND8	2015/07/28 2015/07/31	KLLOYD MAJOHNSTON RMAHMOOD	2007/09/07 2007/09/07 2007/09/07	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG	SD-74754-0620	1 OF 5
6	REV	ANGULAR $\pm 1^\circ$	DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS				

tb\_frame\_D\_P\_AM\_T  
Rev. G 2012/01/11

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

## PCB LAYOUT FOR SINGLE SIDE MOUNT



DETAIL 1  
SCALE 8:1  
HOST CONNECTOR DETAIL

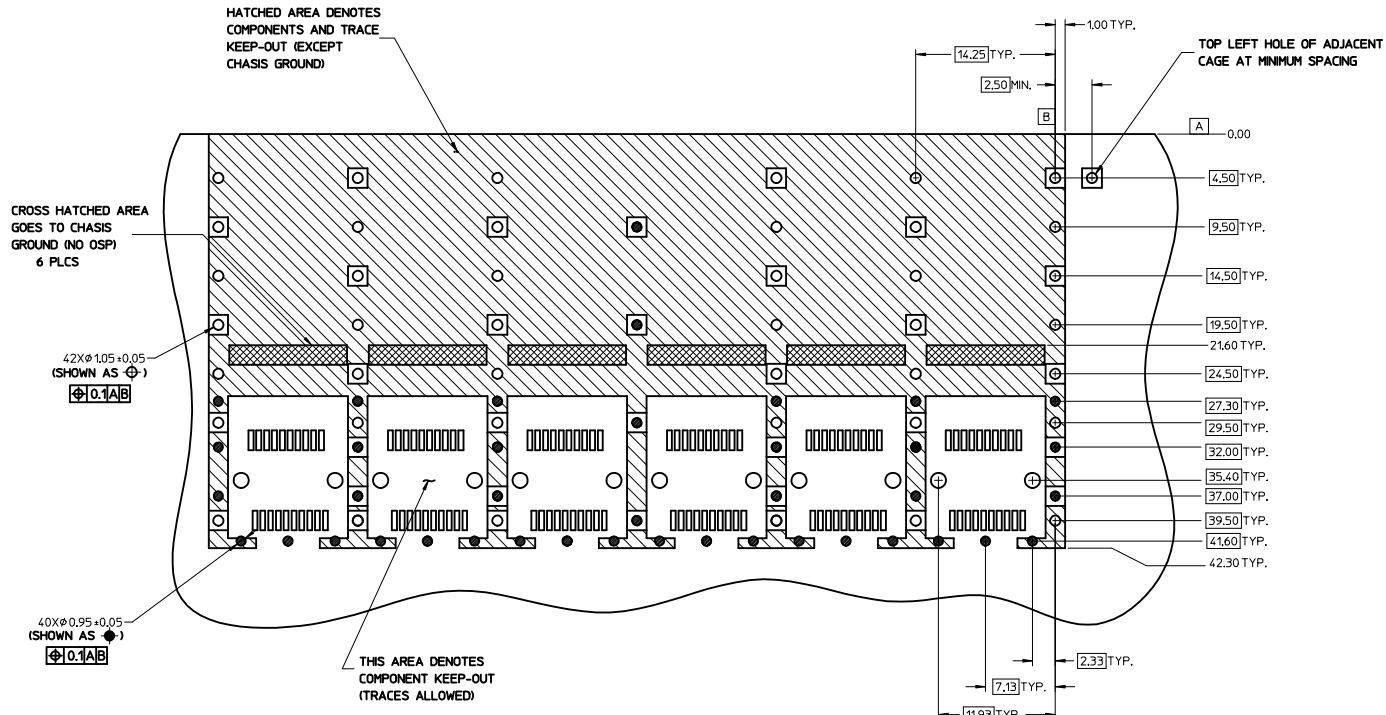
### NOTES:

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

SEE REVISION TABLE	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	mm	INCH				
EC NO: CG2016-0444 DRWNSPNSITY: CHD0: APPRCHN08 REV: 0	4 PLACES $\pm$ ---	$\pm$ ---	DRAWN BY KLLOYD 2007/09/07			
	3 PLACES $\pm$ ---	$\pm$ ---	DATE CHECKED BY MAJHONSTON 2007/09/07			
	2 PLACES $\pm$ 0.15	$\pm$ ---				
	1 PLACE $\pm$ 0.25	$\pm$ ---	APPROVED BY DATE RMAHMOOD 2007/09/07			
	0 PLACE $\pm$ $\pm$	$\pm$ ---				
	ANGULAR $\pm$ 1°					
	DRAFT WHERE APPPLICABLE MUST REMAIN WITHIN DIMENSIONS					
	SEE P/N TABLE					
	MATERIAL NO. SD-74754-0620					
	DOCUMENT NO. 2 OF 5					
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX D INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

## PCB LAYOUT FOR BELLY TO BELLY MOUNTING



NOTE:  
SEE SHEET 2 FOR  
HOST CONNECTOR DETAIL

### NOTES:

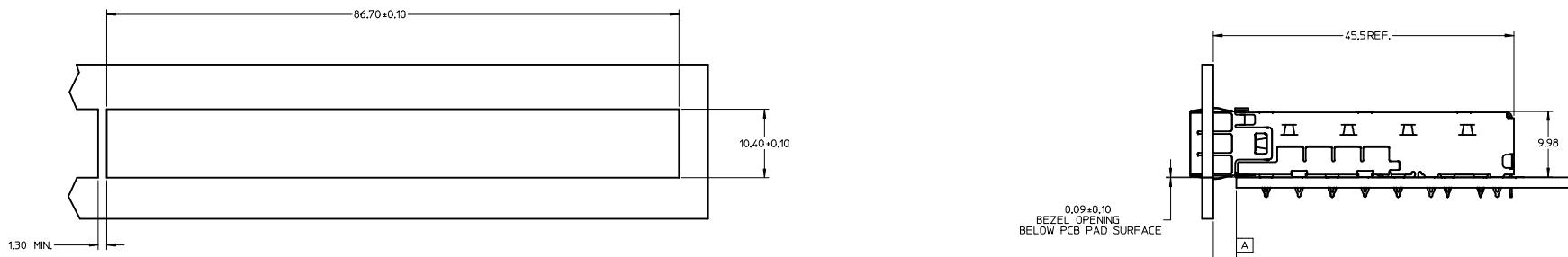
1. PADS AND VIAS CONNECT TO CHASSIS GROUND. (RECOMMEND PADS TO BE 2.00mm SQUARE)
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSP, OR IMMERSION, (GOLD, SILVER, OR TIN)
3. CONNECTOR PAD LAYOUT PER SFP+ MSA WILL ACCOMMODATE MOLEX CONNECTOR SERIES 74441 OR EQUIVALENT.
4. HOLE PATTERN REPEATS FOR EACH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

SEE REVISION TABLE	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY	DATE	TITLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH						
4 PLACES	±---	±---	KLLLOYD	2007/09/07	SFP+ 1X6 CAGE, PRESS FIT	1:1	METRIC	
3 PLACES	±---	±---			W/ SPRING FINGER EMI,			
2 PLACES	± 0.15	± 0.006	MAJHONSTON	2007/09/07	BELLY TO BELLY MNTG			
1 PLACE	± 0.25	± 0.010	APPROVED BY	DATE				
0 PLACE	±	±	RMAHMOOD	2007/09/07				
ANGULAR ± 1°								
DRAFT WHERE APPPLICABLE								
MUST REMAIN WITHIN DIMENSIONS								
SEE P/N TABLE								
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								

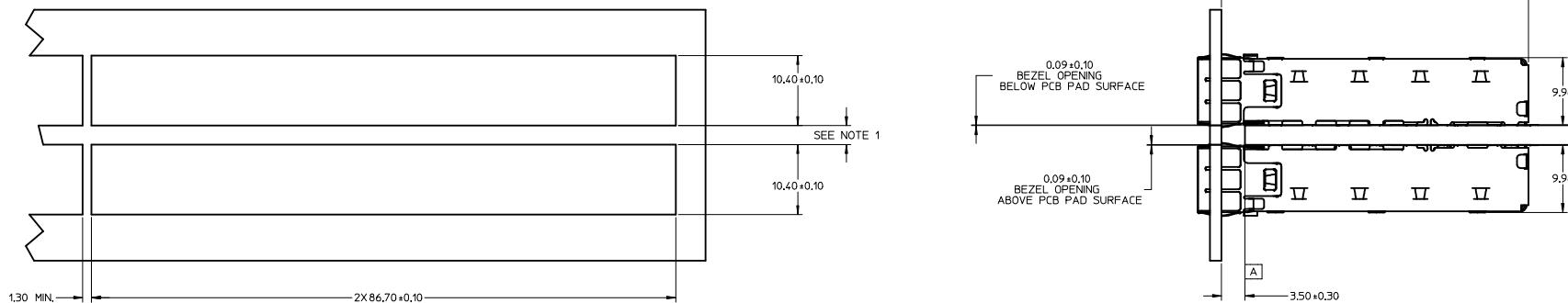
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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.

SEE REVISION TABLE		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY	DATE	TITLE
REV	EC NO: CG2016-0444 DRAWN BY: SHETTY CHKD: APP/RC/END8 REV: 0		mm	INCH			
		$\nabla = 0$	4 PLACES	$\pm ---$	$\pm ---$	KLLOYD 2007/09/07	SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG
		$\nabla = 0$	3 PLACES	$\pm ---$	$\pm ---$	CHECKED BY MAJHONSTON 2007/09/07	
		$\nabla = 0$	2 PLACES	$\pm 0.15$	$\pm ---$	APPROVED BY RMAHMOOD 2007/09/07	
		$\nabla = 0$	1 PLACE	$\pm 0.25$	$\pm ---$		
		$\nabla = 0$	0 PLACE	$\pm ---$	$\pm ---$		
			ANGULAR $\pm 1^\circ$		MATERIAL NO.	DOCUMENT NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE P/N TABLE	SD-74754-0620
			SIZE D INCHES			SHEET NO. 4 OF 5	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

molex

lb\_frame\_D\_P\_AN\_T Rev. G 2012/01/11 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

		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	<p>1. ADDED 747540627 TO WELD LOCATION CALLOUT. [SHT 1]</p> <p>2. REMOVED TYP. FROM DIM 85.3. [SHT 1]</p> <p>3. ADDED "MM 3D MODEL: EM-74754-0620-ASSY" MODEL NAME ON LEF TOP CORNER. [SHT 1]</p> <p>4. CHANGED NOTE 6 AS "NO RoHS EXEMPTIONS". [SHT 1]</p> <p>5. ADDED BACK VIEW FOR DATE CODE INFORMATION. [SHT 1]</p> <p>6. ADDED REF TO DIM 86.4, 85.8, 85.3, 49.0, AND 3.05 [SHT 1]</p> <p>7. REMOVED "WELDED REAR TABS (X5)". [SHT 1]</p> <p>8. CHANGED "14.25 TYP" &amp; "2.5 MIN" TO A BASIC DIMENSION. [SHT 2 &amp; 3]</p> <p>9. FILLED IN HOLES IN DETAIL 1. [SHT 2]</p> <p>10. REMOVED INCH DIMS. [SHT 2 &amp; 3]</p> <p>11. REMOVED "(SEE NOTE 1)" X4. [SHT 4]</p> <p>12. CHANGED "BELOW" TO "ABOVE" IN BOTTOM 0.09±0.10 DIM. [SHT 4]</p>
F	2014/09/11	1. ADDED 74754-0627 PLATING SPEC. INTO TABLE. [SHT 1]
G	2015/07/27	<p>"MODIFIED PCB LAYOUT PER SFF-8433"</p> <p>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</p> <p>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</p>

SEE REVISION TABLE		EC NO: EP2015-0444 DRWNSHETTY CHD: APR/RCHE08 REV: G	2015/07/28 2015/07/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- mm --- 3 PLACES ± --- mm --- 2 PLACES ± 0.15 mm --- 1 PLACE ± 0.25 mm --- 0 PLACE ± --- mm ---	DIMENSION STYLE MM ONLY DRAWN BY KLLLOYD CHECKED BY MAJJOHNSTON APPROVED BY RMAHMOOD DATE 2007/09/07 2007/09/07 2007/09/07 2007/09/07	SCALE 3:1 TITLE SFP+ 1X6 CAGE, PRESS FIT W/ SPRING FINGER EMI, BELLY TO BELLY MNTG molex	DESIGN UNITS METRIC MATERIAL NO. DOCUMENT NO. SD-74754-0620 SHEET NO. 5 OF 5	THIRD ANGLE PROJECTION
SEE P/N TABLE		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				