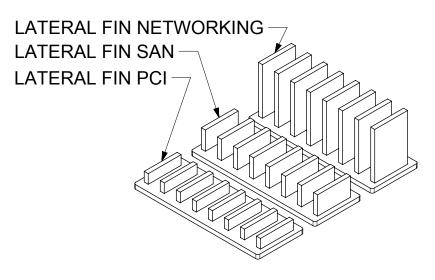


RELEASE DATE 2020/05/06 DOCUMENT STATUS P1 06:36:54 12 11 10

## **HEATSINK OPTIONS**

5

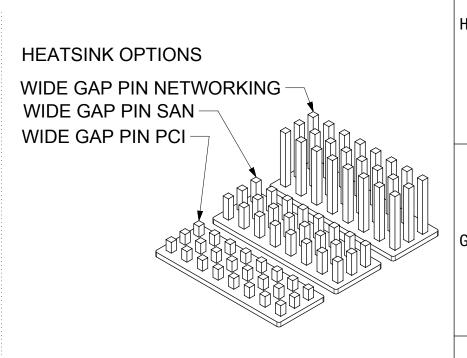


4

3

### **OVERALL HEATSINK HEIGHT**

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6



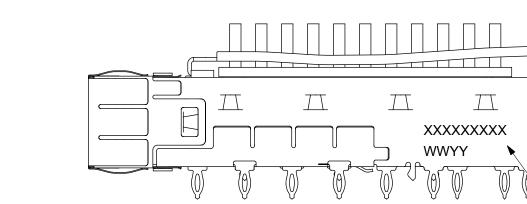
2

1

### **OVERALL HEATSINK HEIGHT**

APPLICATION	DIM 'A'
PCI	14.3
SAN	16.6
NETWORKING	23.6

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

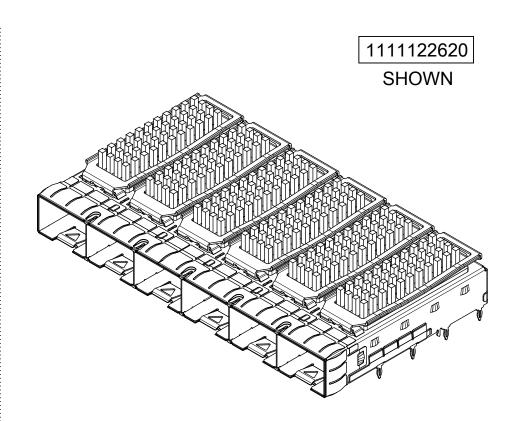


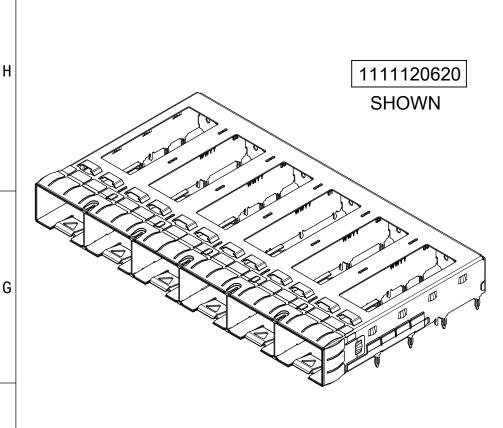
PART NO. AND WEEK/YEAR DATE CODE TO BE PRINTED ON BACK OF COMPLETED CAGE ASSEMBLY APPROXIMATELY AS SHOWN. SEE TABLE BELOW FOR DATE CODE INFORMATION.

					W	/EEK/YE	EAR DATE	CODE TA	ABLE					
Ν	01 TI	HRU 52 (	DR	53	EXAMF	PLE: 01	= FIRST	WEEK (	OF YEAR 52 =	= LAST WE	EK OI	F YE	٩R	
Y	20, 2	21, 22, ET	C.	EX	AMPLE	E: YEAF	R 2020 =	20						B
[	FUNCTIONAL	THIS DRAWING C	CONT	AINS INF	ORMATION TH	AT IS PROPRI	ETARY TO MOLEX	ELECTRONIC TEC	HNOLOGIES, LLC AND SHO	OULD NOT BE USED WIT	HOUT WR	ITTEN PEF	RMISSION	
	SYMBOLS	DIMENSION UNITS	S	CALE	CURRENT R	REV DESC: S	SEE REVISION	FABLE						1
	F/= 0	mm	1	.5:1					n	nole	X			
		GENERAL TOI (UNLESS SI												
	¥ - 0	ANGULAR TOL	±	1.0 °	EC NO: 63	86888				+ 1X6 CAGE, .120			CEDO	
	<u>₩</u> <b>P</b> /= 0	4 PLACES	±		DRWN: DP	KUMARG		2020/05/04	PRESS FIT, HEAT			NG FIN	GERO	
	DIVISIONAL SYMBOLS	3 PLACES	±		CHK'D: TK	KUMARKC		2020/05/05						1
	STIVIDULS	2 PLACES	±	0.15		CHIANG		2020/05/06		CT CUSTOMER		_		A
		1 PLACE	±	0.25	INITIAL R			2017/02/23				DOC PART		
		0 PLACES	±		APPR: RC	-		2017/05/03	111112	22620	PSD	ASY	H2	
		DRAFT WHERE			THIRD ANGLE	PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET N	UMBER	]
		MUST RE WITHIN DIME					C-SIZE	111112	SEE SHEET 4	GENERAL MA	RKET	2 C	)F 9	

12 11 10 9	8	7 6	5	4	3	2	1
	OPTIONA	L GEN 2 UNDER E	BELLY GASKE	Т			
		1001150620 SH	OWN				
► TO UNDER BELLY GASKET					I		
	<b>_</b>				I I I I		
			<u> </u>		A CONTRACTOR		
				9.98 OF CAGE TO AD SURFACE)	A A A A A A A A A A A A A A A A A A A		
						R PO B	
	49.74 REF TO UNDER BELLY GAS			I		Vo Vo	Jo V
	¥						
		-					
				CORMATION THAT IS PROPRIETAR	Y TO MOLEX ELECTRONIC TEC REVISION TABLE		
			F0mm2:1GENERAL TOLERANCES (UNLESS SPECIFIED)				
				EC NO: 636888 DRWN: DKUMARG	2020/05/04	SFP+ 1X6 CAGE, PRESS FIT, HEAT SINKS, WITH	
				CHK'D: TKUMARKC APPR: JCHIANG	2020/05/05 2020/05/06	PRODUCT CUSTOM	
			1 PLACE ± 0.25 0 PLACES ±	INITIAL REVISION: DRWN: MHANUMAPPAR	E 2017/02/23		DOC TYPE DOC PART REVISION
			DRAFT WHERE APPLICABLE MUST REMAIN		2017/05/03 DRAWING SERIES -SIZE 111112	MATERIAL NUMBER CUSTOMER SEE SHEET 4 GENERAL	SHEET NUMBER
CUMENT STATUS         P1         RELEASE DATE         2020/05/06         06:36:54           Proof         12         11         10         9	8	7 6	WITHIN DIMENSIONS 5		-312E   111112   3	2 2 SHEET 4 GENERAL	

# PART NUMBER SELECTION





F

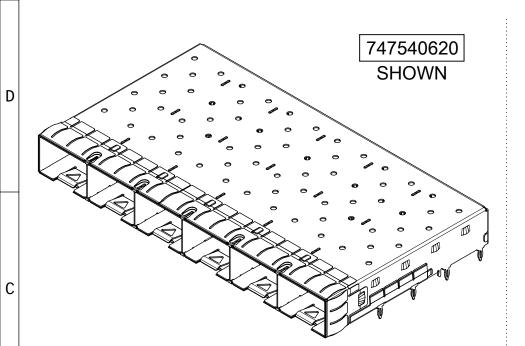
E

SFP+ OPEN TOP BASE CAGE FOR HEATSINKS						
PART NO.	POLYMIDE	# OF REAR				
	INSULATOR	LEGS PER PORT				
1111120620		1A, 1B				
1111120660	YES	1A, 1B				

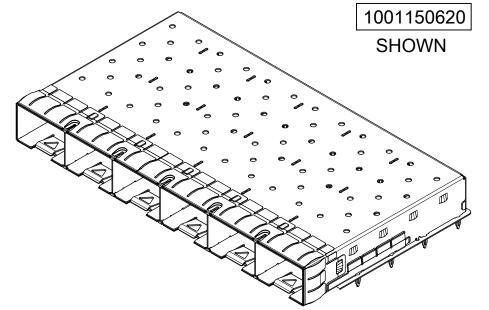
SI	FP+ PIN FIELD	) HEATSINK	OPTION
PART NO.	POLYIMIDE	HEATSINK	# OF REAR
	INSOLATOR		LEGS PER PORT
1111121620		PCI	1A, 1B
1111121660	YES	PCI	1A, 1B
1111122620		SAN	1A, 1B
1111122660	YES	SAN	1A, 1B
1111123620		NET	1A, 1B
1111123660	YES	NET	1A, 1B

SF	P+ L
PART NO.	PO
	INS
1111124660	

	SFP+ LATERAL FIN HEATSINK OPTION							
	PART NO.	POLYIMIDE	HEATSINK	# OF REAR				
		INSOLATOR		LEGS PER PORT				
ĺ	1111124660	YES	PCI	1A, 1B				
	1111125620		SAN	1A, 1B				
	1111125660	YES	SAN	1A, 1B				
	1111126620		NET	1A, 1B				
	1111126660	YES	NET	1A, 1B				



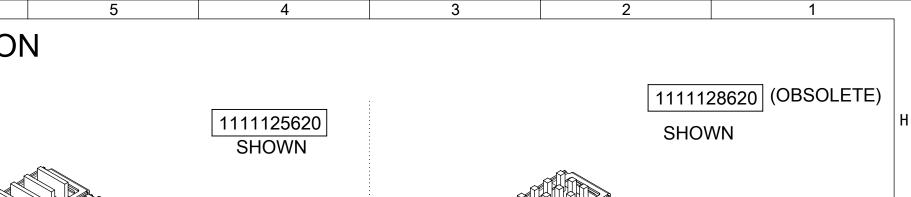
	SF	P+ CLOSED T	OP BASE (	CAGE		
	PART NO.	POLYIMIDE	SF WELD	# OF REAR		
		INSOLATOR	POINTS	LEGS PER		
B				PORT		
Б	747540620		2	1A, 1B		
	747540622		4 SIDES	1A, 1B		

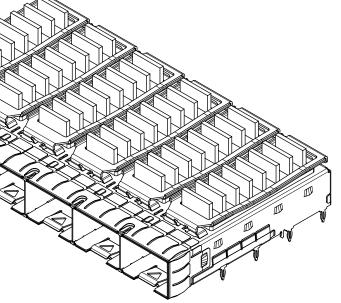


zSFP+ GE	zSFP+ GEN 2 CLOSED TOP BASE CAGE					
PART NO.	POLYMIDE					
	INSULATOR	LEGS PER PORT				
1001150620		1A, 1B				

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

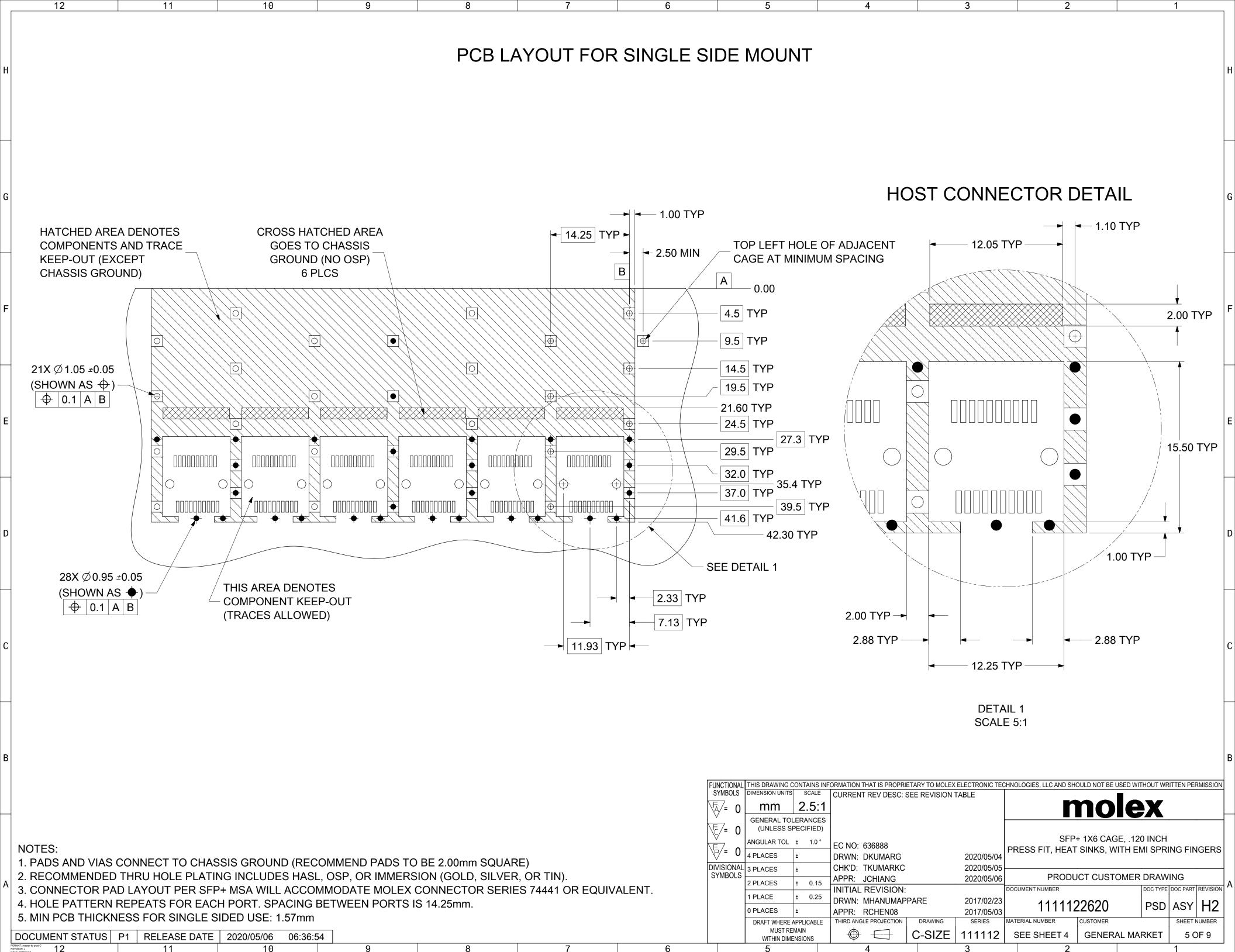
		D1		0000/05/00	00.00.04	Î	7	7	7
I DOCON	MENT STATUS	P1	RELEASE DATE	2020/05/06	06:36:54				
						_			
FORMAT: master-tb-prod-C REVISION: J DATE: 2020/01/14	10		11	10			0	Q 8	Q 8 7
DATE: 2020/01/14	12		11	10			9	9 0	9 0 1





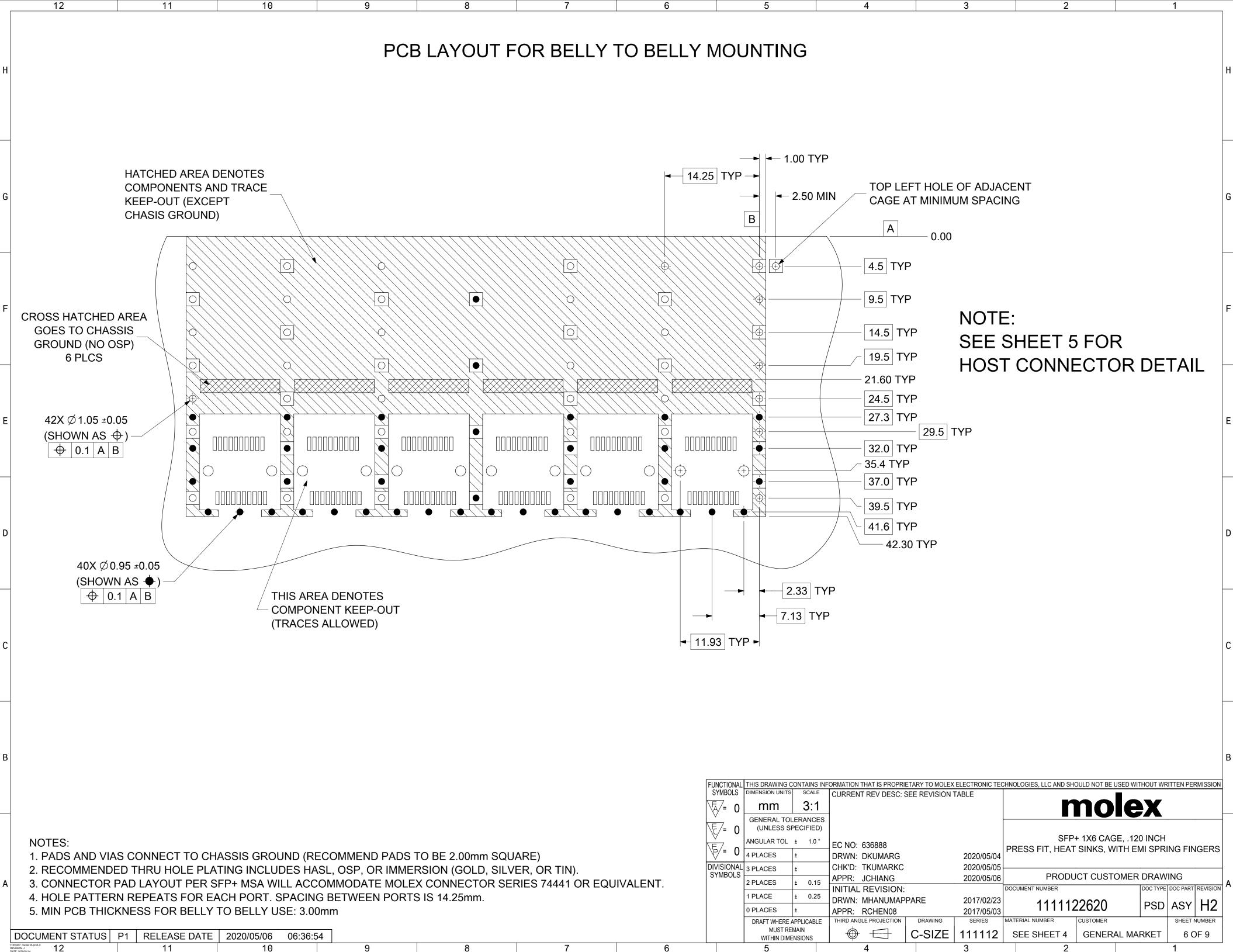
SFP+ WIDE GAP PIN FIELD HEATSINK OPTION									
SFP+ W	/IDE GAP PIN	FIELD HEAT	SINK OPTION						
PART NO.	POLYIMIDE	HEATSINK	# OF REAR						
	INSOLATOR		LEGS PER PORT						
1111127620		PCI	1A, 1B						
1111127660	YES	PCI	1A, 1B						
1111128660	YES	SAN	1A, 1B						
1111129620		NET	1A, 1B						
1111129660	YES	NET	1A, 1B						

FUNCTIONAL	THIS DRAWING C	ONTAINS INF	ORMATION THAT IS PROPRI	ETARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC AND SH	IOULD NOT BE USED WI	THOUT WR		RMISSION	1
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: \$	SEE REVISION	TABLE						
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	GENERAL TOL (UNLESS SF										
VEZ a	ANGULAR TOL	± 1.0 °	EC NO: 636888			SFP+ 1X6 CAGE, .120 INCH					
\p/= 0	4 PLACES	±	DRWN: DKUMARG		2020/05/04	PRESS FIT, HEAT SINKS, WITH EMI SPRING				IG FINGERS	
DIVISIONAL	3 PLACES	±	CHK'D: TKUMARKC		2020/05/05						{
SYMBOLS	2 PLACES	± 0.15	APPR: JCHIANG		2020/05/06	PRODUCT CUSTOMER DRAWING					Δ
			INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	1^
	1 PLACE	± 0.25	DRWN: MHANUMAP	PARE	2017/02/23	11111	00600		ACV	H2	
	0 PLACES	±	APPR: RCHEN08		2017/05/03		22020	PSD	ASY	ПΖ	
	DRAFT WHERE A	PPLICABLE	THIRD ANGLE PROJECTION DRAWING SERIES		SERIES	MATERIAL NUMBER	CUSTOMER	•	SHEET	NUMBER	1
		MUST REMAIN WITHIN DIMENSIONS		C-SIZE	111112	2 SEE SHEET 4 GENERAL MARK		RKET	4 OF 9		

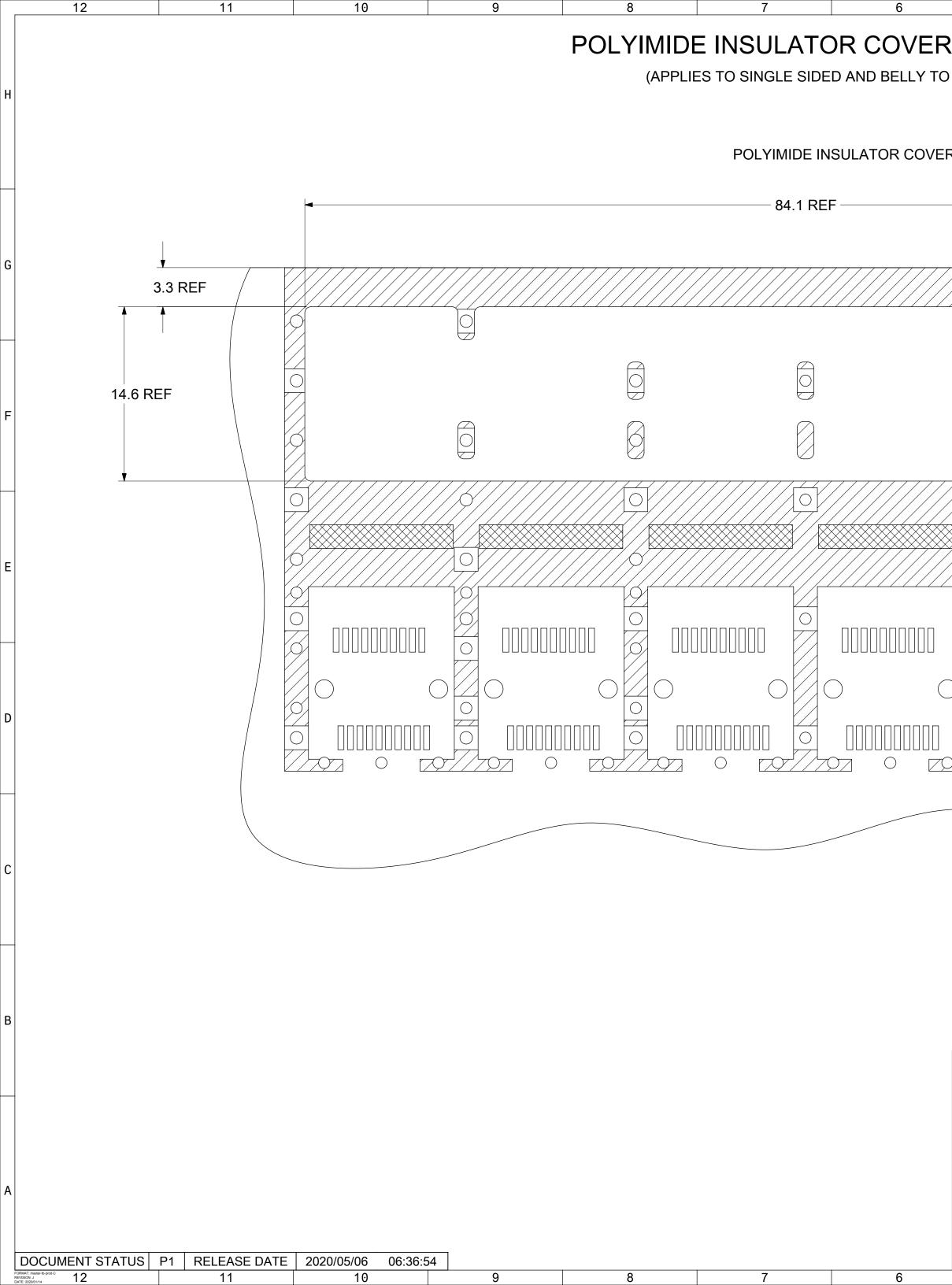


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	- <del>-</del>		2	

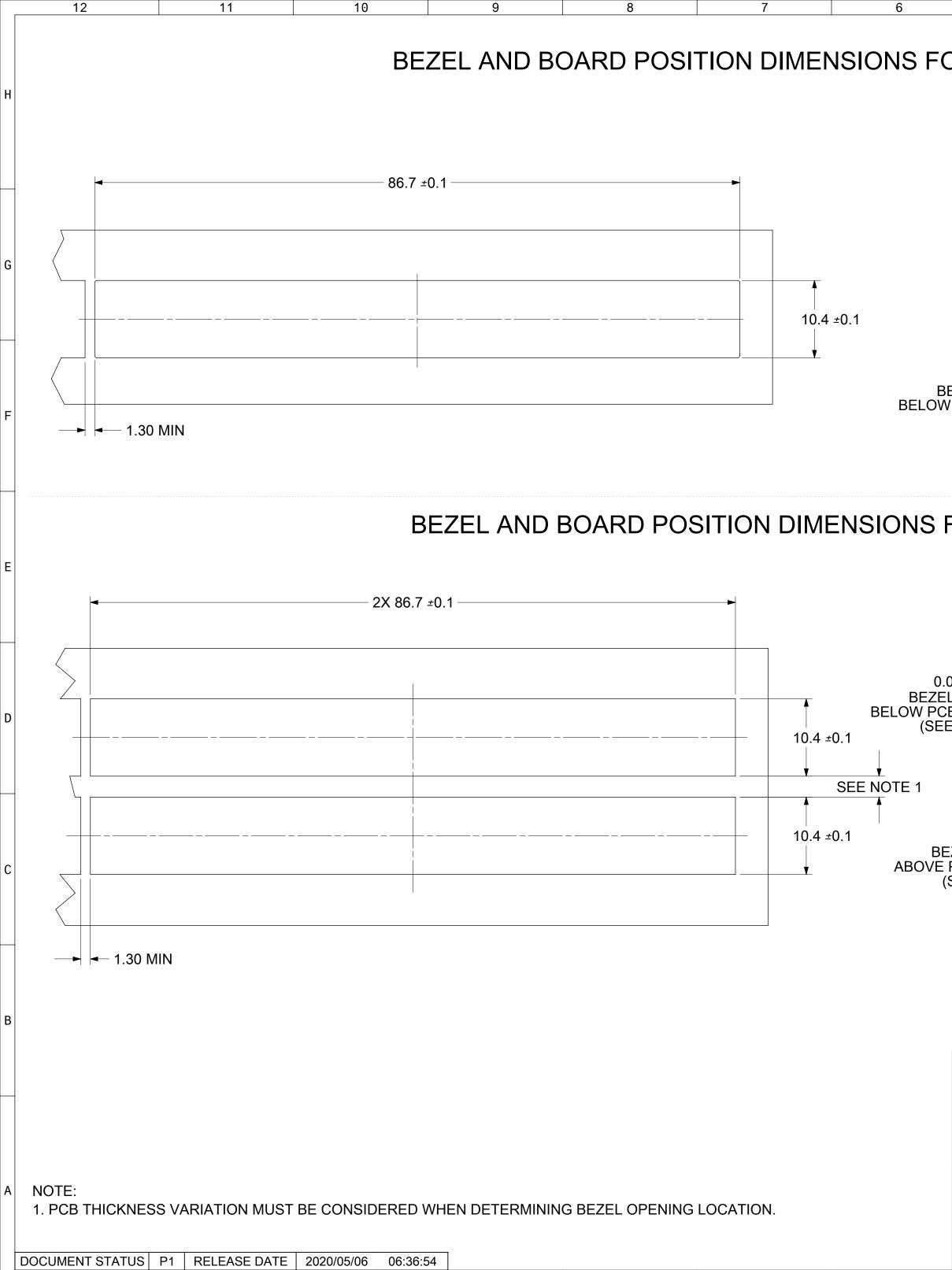
7	TEZ A	ANGULAR TOL	± 1.0		636888			PRESS FIT, HEAT		,			CEDO	
	\p/= 0	4 PLACES	±	DRWN:	DKUMARG		2020/05/04	FRESS FIL, HEAT	1 311113, 11				GERS	
Γ		3 PLACES	±	CHK'D:	TKUMARKC		2020/05/05							
	SYMBOLS	2 PLACES	± 0.	15 APPR:				DRAWING			Δ			
					ITIAL REVISION: DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	~			
		1 PLACE	± 0.1	<sup>25</sup> DRWN:	MHANUMAP	PARE	2017/02/23	11111	ວວຂວບ		PSD	ACV	ี บว	
		0 PLACES	±	APPR:	RCHEN08		2017/05/03		1111122620		1930	AST		
		DRAFT WHERE	APPLICAE	LE THIRD AN	GLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER			SHEET N	UMBER	
		MUST REMAIN WITHIN DIMENSIONS				C-SIZE	111112	SEE SHEET 4	GENER	AL MAI	RKET	5 O	F 9	
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FUNCTIONAL THIS DRAWING CONTAINS INF SYMBOLS DIMENSION UNITS SCALE TATE 0 MM 4:1	CURRENT REV DESC: \$				nole		PERMISSION	
$ \begin{array}{c} \hline \\ \hline $			-		+ 1X6 CAGE, .12			
$\frac{1}{P} = 0$ 4 places $\pm$	EC NO: 636888 DRWN: DKUMARG CHK'D: TKUMARKC		0/05/04 0/05/05 -	PRESS FIT, HEAT			INGERS	
2 PLACES ± 0.15	APPR: JCHIANG		0/05/06	PRODU	JCT CUSTOMER	DRAWING	RT REVISION	A
1 PLACE         ±         0.25           0 PLACES         ±	DRWN: MHANUMAP APPR: RCHEN08	201	7/02/23 7/05/03	11111	*	PSD AS		
DRAFT WHERE APPLICABLE MUST REMAIN				MATERIAL NUMBER	CUSTOMER GENERAL MA		T NUMBER	



11

9

8

7

FORMAT: master-tb-prod-C REVISION: 1 12

5 4 3	2 1
OR SINGLE SIDE MOUNTING	
45.5	5 REF
0.09 ±0.10 BEZEL OPENING W PCB PAD SURFACE A - 3.5 ±0.3	
FOR BELLY TO BELLY MOUNTI	NG 5.5 REF
CUTAWAY 2 0.09 ±0.10 EL OPENING CB PAD SURFACE EE NOTE 1)	
0.09 ±0.10 BEZEL OPENING E PCB PAD SURFACE (SEE NOTE 1)	
FUNCTIONAL THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECT	RONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
SYMBOLSDIMENSION UNITSSCALECURRENT REV DESC: SEE REVISION TABLE $\overrightarrow{F} = 0$ $\overrightarrow{BE}$ $\overrightarrow{BE}$ $\overrightarrow{CURRENT}$ REV DESC: SEE REVISION TABLE $\overrightarrow{F} = 0$ $\overrightarrow{BE}$ $\overrightarrow{BE}$ $\overrightarrow{BE}$ $\overrightarrow{BE}$ $\overrightarrow{F} = 0$ $\overrightarrow{ANGULAR}$ TOL $\pm$ $1.0^{\circ}$ $\overrightarrow{EC}$ NO: 636888 $\overrightarrow{F} = 0$ $\overrightarrow{APLACES}$ $\pm$ $\overrightarrow{DRWN}$ : DKUMARG202DIVISIONAL SYMBOLS $3$ PLACES $\pm$ $\overrightarrow{OLS}$ $\overrightarrow{APPR}$ : JCHIANG202 $\overrightarrow{INITIAL}$ REVISION: $\overrightarrow{INITIAL}$ REVISION: $\overrightarrow{INITIAL}$ $\overrightarrow{INITIAL}$ $\overrightarrow{INITIAL}$ $\overrightarrow{INITIAL}$	

0 PLACES

5

6

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

DRWN: MHANUMAPPARE

 $\square$ 

APPR: RCHEN08

 $\bigcirc$ 

THIRD ANGLE PROJECTION

4

2017/02/23

2017/05/03

SERIES

111112

З

DRAWING

C-SIZE

1111122620

2

CUSTOMER

GENERAL MARKET

MATERIAL NUMBER

SEE SHEET 4

PSD ASY H2

1

SHEET NUMBER

8 OF 9

10	4.4	10	<u> </u>	0	7	<u> </u>	5	4	0	<u> </u>	4
12	11	10	u u	×	/	h h	5		4		-
14			3	0	1	0	J	4			
· _		. •	•	•	•	<b>.</b>	•	-	•	—	

V	DATE	DESCRIPTION
	2011/06/21	1. INITIAL RELEASE
A	2011/06/30	1. UPDATED THE CAGE TOP TO INCLUDE HOLES FOR LIGHTPIPES.
В	2011/08/18	<ol> <li>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.</li> </ol>
C	2012/07/31	<ol> <li>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</li> </ol>
C	2012/10/22	<ol> <li>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.</li> </ol>
E	2013/02/08	<ol> <li>ADDED EMI SPRING FINGER UNCOMPRESSED OVERALL DIMENSIONS TO FRONT VIEW, @F17 &amp; 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 &amp; CUTOUT DIMENSIONS TO SHEET 2. (SHEET 1)</li> <li>ADDED "REAR LEG OPTIONS" SECTION, @B16. REMOVED CAGES FROM HEATSINK OPTIONS VIEWS &amp; UPDATED TABLES, @J2, J6 &amp; J11. MOVED VIEW FROM I16 TO E9. ADDED ISO VIEW TO IDENTIFY UNDER BELLY GASKET @E3, TOP VIEW OF OPEN TOP &amp; DIMENSIONS @J16. (SHEET 2)</li> <li>ADDED PN'S 747540620, 747540622 &amp; 1111110620 ADDING VIEWS AND PN TABLES. ADDED "SFP+" TO TABLES (SHEET 3)</li> <li>REMOVED SINGLE SIDED VIEW AND ADDED APPLICATION NOTE TO TOP OF SHEET. (SHEET 6)</li> <li>ADDED CENTER LINES TO BEZELS. REMOVED CUTAWAY 1 &amp; 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 &amp; F1. (SHEET 7)</li> <li>MOVED NOTES TO BOTTOM LEFT CORNER AND INCREASED TEXT HEIGHT. (SHEETS 1, 4, 5 &amp; 7)</li> </ol>
-	2014/02/11	<ol> <li>1. CHANGED "WILL" TO "MAY" IN NOTE 4 ON SHEET 1.</li> <li>2. REMOVED ISO VIEW AND ADDED RIGHT SIDE VIEW @E4 SHEET 2. ADDED NEW SHEET 3 WITH 100115-0620.</li> <li>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.</li> <li>4. MOVED HEATSINK NOTES TO LOWER LEFT CORNER AND ADDED VIEW AND PN TABLE FOR 1001150620 ON SHEET 4.</li> <li>5. REMOVED 111111-0620 FROM SHEET 4 AND REPLACED WITH ISO VIEW AND TABLE FOR 100115-0620.</li> <li>6. REVISED NOTE "WAS SEE SHEET 2 "NOW" SEE SHEET 5 @I3 SHEET 6.</li> </ol>
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
1	2017/11/02	SHEET 2: D2: CHANGED TO DOUBLE ROWS FOR DATE CODE. SHEET 4: P/N 1111128620 OBSOLETED
1	2019/12/19	SHEET 4: P/N 1111124620 OBSOLETED
2	2020/05/04	SHEET 01 : E11 :REMOVED "UNWANTED WELDING SPOT" AT THIS LOCATION SHEET 03 : E11 :REMOVED "UNWANTED WELDING SPOT" AT THIS LOCATION

G

E

D

С

B

SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: S	SEE REVISION	TABLE							
<b>F</b> = 0	mm	1:1	_				n	no	le	X		
√€∕= 0	GENERAL TOL (UNLESS SF											
	ANGULAR TOL	± 1.0 °					SFP	+ 1X6 CAG	6E, .120	0 INCH		
		T	_ EC NO: 636888			PR	RESS FIT, HEAT	SINKS. W	ITH EN	<b>MI SPRI</b>	NG FIN	GERS
₩ - 0	4 PLACES	±	DRWN: DKUMARG		2020/05/04		,	,		-	-	
DIVISIONAL	3 PLACES	±	CHK'D: TKUMARKC		2020/05/05							
SYMBOLS		0.45	APPR: JCHIANG		2020/05/06		PRODUCT CUSTOMER DRAWING					
	2 PLACES	± 0.15	INITIAL REVISION:			DOC	UMENT NUMBER			DOC TYPE	DOC PART	REVISION
	1 PLACE	± 0.25			0047/00/00					5001112	20017.00	
			DRWN: MHANUMAP	PARE	2017/02/23		111112	22620		חפם	ASY	H2
	0 PLACES	±	APPR: RCHEN08		2017/05/03		1111122620				701	
	DRAFT WHERE A	APPLICABLE	THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION DRAWING SERIE		MAT	MATERIAL NUMBER CUSTOMER				SHEET N	NUMBER
				111112	S	SEE SHEET 4 GENERAL MARKET			9 OF 9			
	5		4		3		2				1	