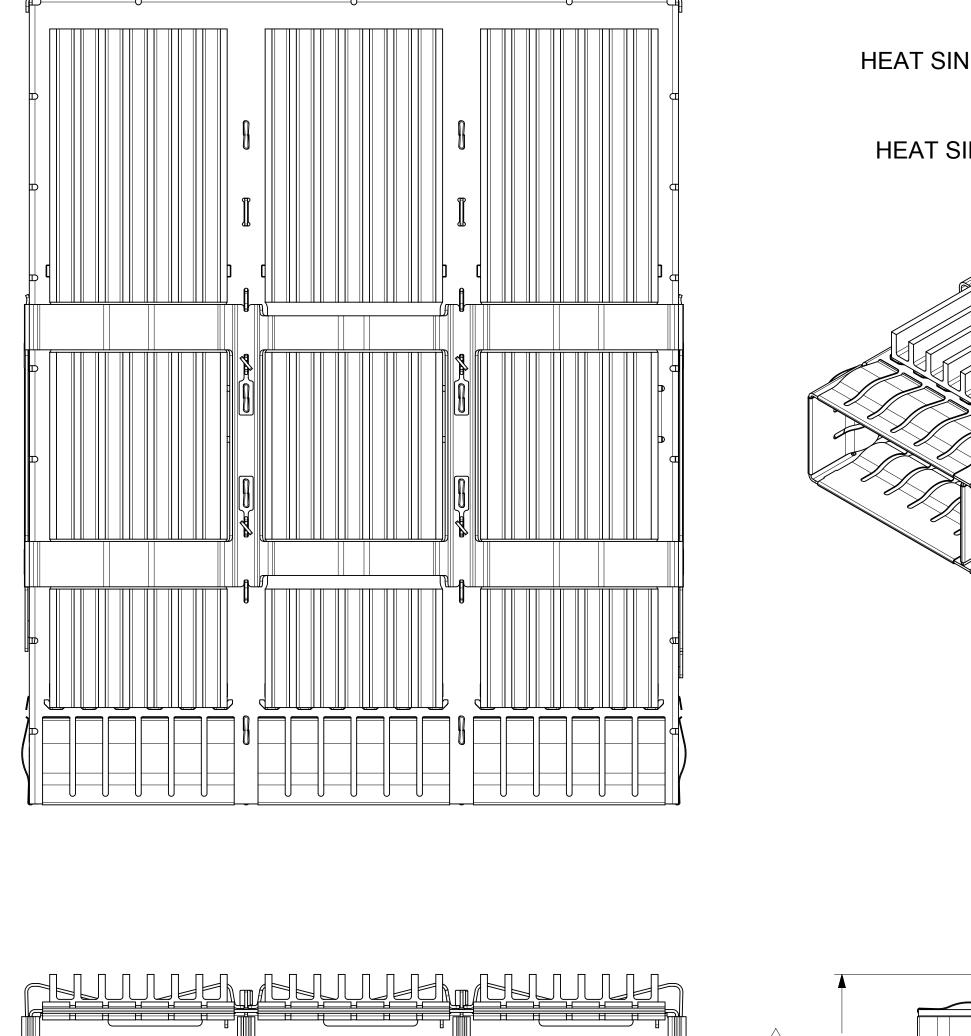


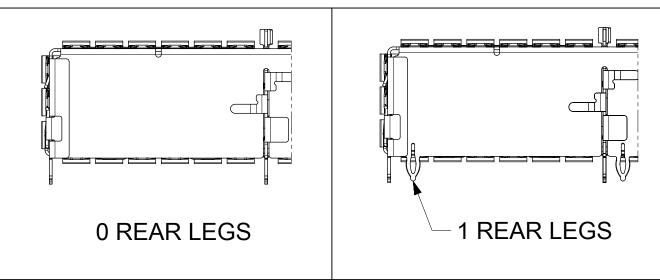
	VENT STATUS	P1	RELEASE L	PATE	2019/12/2	0 10:48:47			
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SEE NOTE 8	F
	E
' AS SHOWN. TE CODE TABLE I= FIRST WEEK OF YEAR, 52 OR 53 = LAST WEEK OF YEAR	D
IN THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSI ENT REV DESC: SEE REVISION TABLE <b>MOLEX</b>	ON C
O:629406QSFP-DD 1X3 GANGED CAGE ASSY SF WITH FIN H/S OPTIONSN:JYEN012019/12/20D:SCHIEN2019/12/20R:JCHIANG2019/12/20AL REVISION:DOC 19/12/20N:MKEMPEGOWDA2017/07/21OCUMENT NUMBERDOC TYPEDOC 19/12/20DOC 19/12/20	_
R:       RCHEN08       2017/08/15       2033691201       PSD       ASY       D.         INGLE PROJECTION       DRAWING       SERIES       MATERIAL NUMBER       CUSTOMER       SHEET NUMBER         Image: Projection       D-SIZE       203369       SEE P/N TABLE       GENERAL MARKET       1 OF 7	
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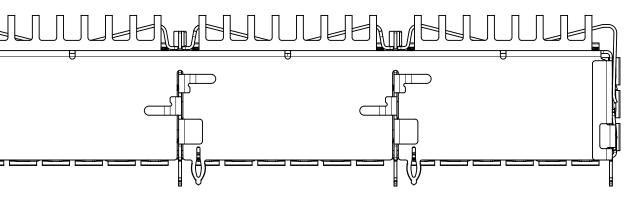
CAGE ASSEMBLY OPTIONS

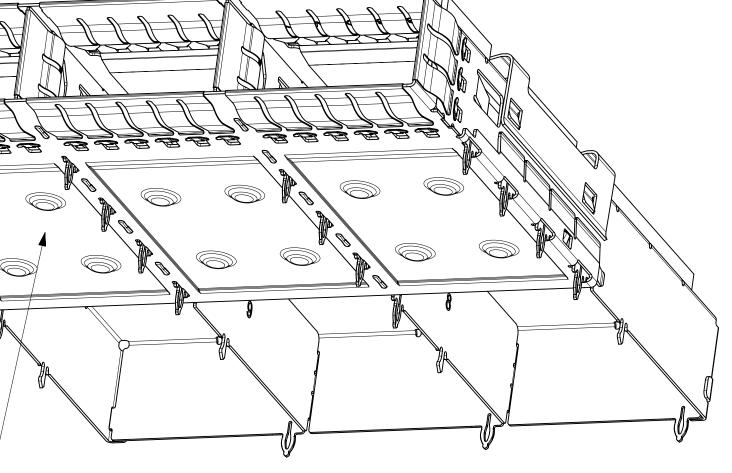
2033692349 SHOWN

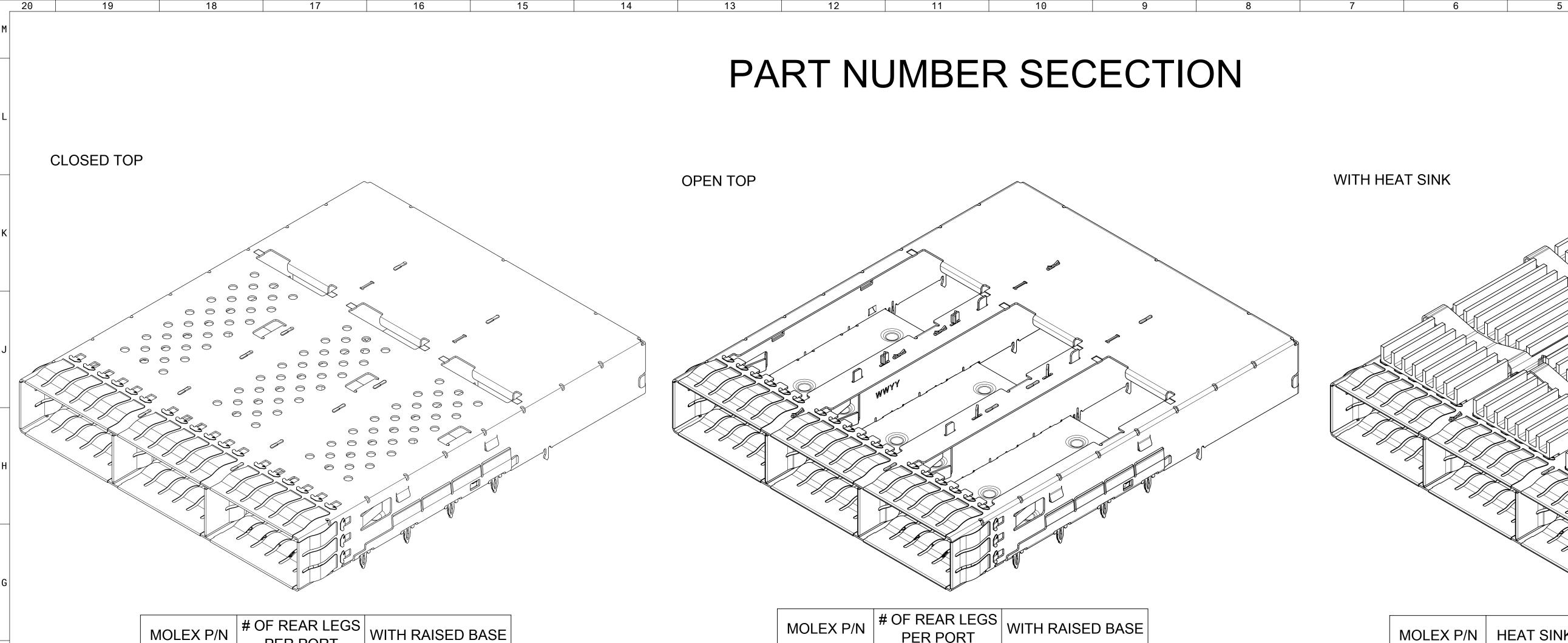


		WITH RAISED BASE
REAR LEG OPTIONS	HEAT SINK HEIGHT OPTIONS	
A DOCUMENT STATUS P1 RELEASE DATE 2019/12/20 10:48:47	SAN       16.0         NET       23.0         HEIGHT OF HEAT SINK WITH MODULE INSERTED         DIMENSION MAY BE LESS DUE TO MODULE AND HEAT SINK VARIATIONS.	SYMBOLSTHIS DRAWING CONTAINS INFORMATION TO DIMENSION UNITS $\overrightarrow{V}$ = 0THIS DRAWING CONTAINS INFORMATION TO DIMENSION UNITS $\overrightarrow{V}$ = 0GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 2.0° $\overrightarrow{V}$ = 0GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.0° $\overrightarrow{V}$ = 0GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 0.0° $\overrightarrow{V}$ = 0INGULAR TOL ± 0.0° $\overrightarrow{V}$ = 0INGULAR TOL ± 0.0° $\overrightarrow{V}$ = 0INFIRE ± 0.13 $\overrightarrow{V}$ = 0INITIAL DRVN: DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS $\overrightarrow{V}$ = 0DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

ON THAT IS P	ROPRIETARY TO MOLE	K ELECTRONIC TEC	CHNOLOGIES,	LLC AND SHO	OULD NOT BE	USED WIT	HOUT WR	ITTEN P	ERMISSION	] C
RENT REV	DESC: SEE REVIS	SION TABLE								
				n	no	16	X			
O: 6294	06		QSFP-DD 1X3 GANGED CAGE ASSY							
N: JYE	N01	2019/12/13	SF WITH FIN H/S OPTIONS							
'D: SCH	IEN	2019/12/20								B
R: JCH	IANG	2019/12/20		PRODU	CT CUST	OMER	DRAW	ING		
AL REV	ISION:		DOCUMENT N	UMBER			DOC TYPE	DOC PAR		ī
/N: MKE	MPEGOWDA	2017/07/21	· · · ·	າບວວຮັບ	1001				כח י	
R: RCH	IEN08	2017/08/15	4	203369	01201		PSD	ASY	D3	
ANGLE PROJEC	CTION DRAWING	SERIES	MATERIAL NUMBER CUSTOMER SHEET N				NUMBER			
	D-SIZE	203369	9 SEE P/N TABLE GENERAL MARKET		2	OF 7	A			
6	5	Z	1		3		2		1	_







MOLEX P/N	# OF REAR LEGS PER PORT	WITH RAISED BASE
2033691243	0	NO
2033691244	1	NO

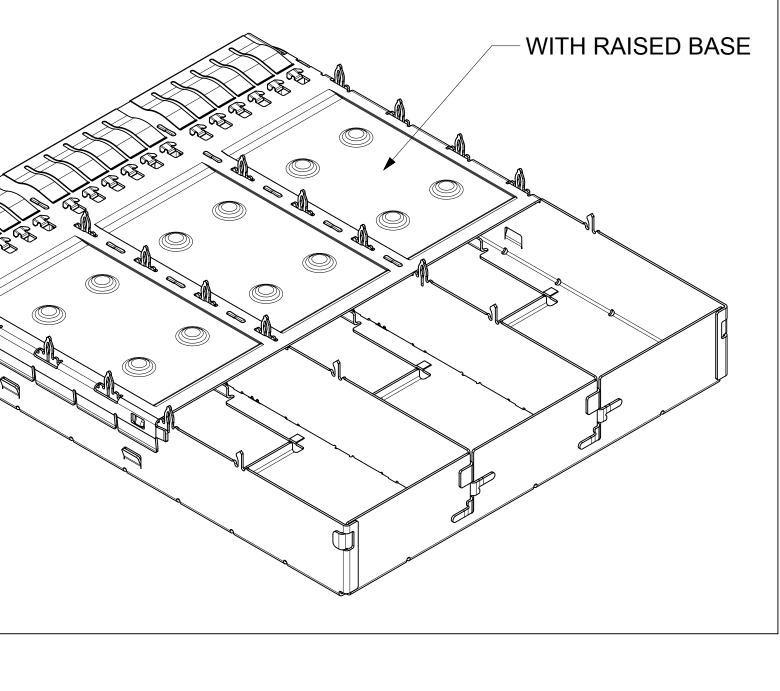
# RAISED BASE OPTIONS SCALE 2.5:1

WITHOUT RAISED BASE O 0 00

А	DOCUMENT	STATUS	P1	RELEASE DATE	2019/12/2	0 10:48:47			
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MOLEX P/N	# OF REAR LEGS PER PORT	WITH RAISED BASE
2033691253	0	NO
2033691254	1	NO
2033692253	0	YES
2033692254	1	YES



11

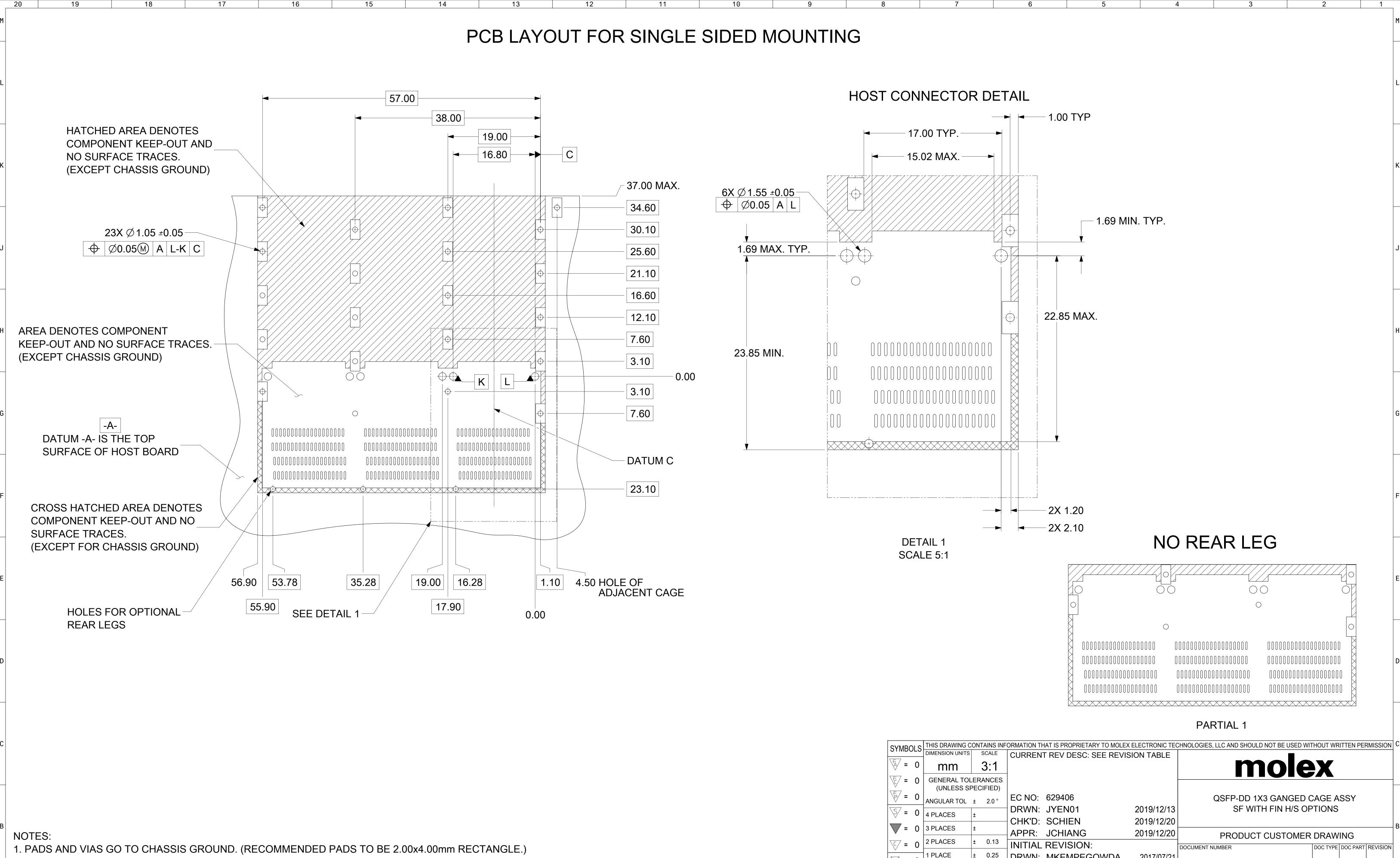
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HE	AT S	SINK							26.		к
											J
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Γ					# OF REAR	LEGS	W				G
		LEX P/N		I SINK	PER PO		WITH R	AISED BASE	_		
		3691340 3691347			0			NO	_		
		3691348		IET	0			NO NO	-		F
		3691349		PCI	1			NO	-		
		3691350		SAN	1			NO	-		
		369135 <sup>2</sup>		IET	1			NO			
	203	3692346	6 F	PCI	0			YES			
	203	3692347	7 S	AN	0			YES			E
	203	3692348	3 N	IET	0			YES			
		3692349		PCI	1			YES	_		
-		3692350			1			YES	-		
L	203	369235 <sup>-</sup>	<u> </u>	JET	1			YES			D
								OULD NOT BE USED WI			
SC	CALE				SION TABLE						
	NCES TED)										
	2.0 °	EC NO:						1X3 GANGED (			
±			JYEN01		2019/12/13		SF V	VITH FIN H/S OF	PTIONS		
±			SCHIEN JCHIAN		2019/12/20 2019/12/20			CT CUSTOMER			- B
	0.13		REVISIC	-		DOCUMENT I			-		
	0.25			EGOWDA	2017/07/21		203369	1201	PSD	ASY D3	
± PPLIC	ABLE	APPR: THIRD ANGLE		DRAWING	2017/08/15 SERIES	MATERIAL NU		CUSTOMER		SHEET NUMBER	$\left  \right $
1AIN NSION		$\bigcirc$	$\square$	D-SIZE	203369	SEE P/	N TABLE	GENERAL MA	RKET	3 OF 7	A
		6		5	4	_		3	2	1	_

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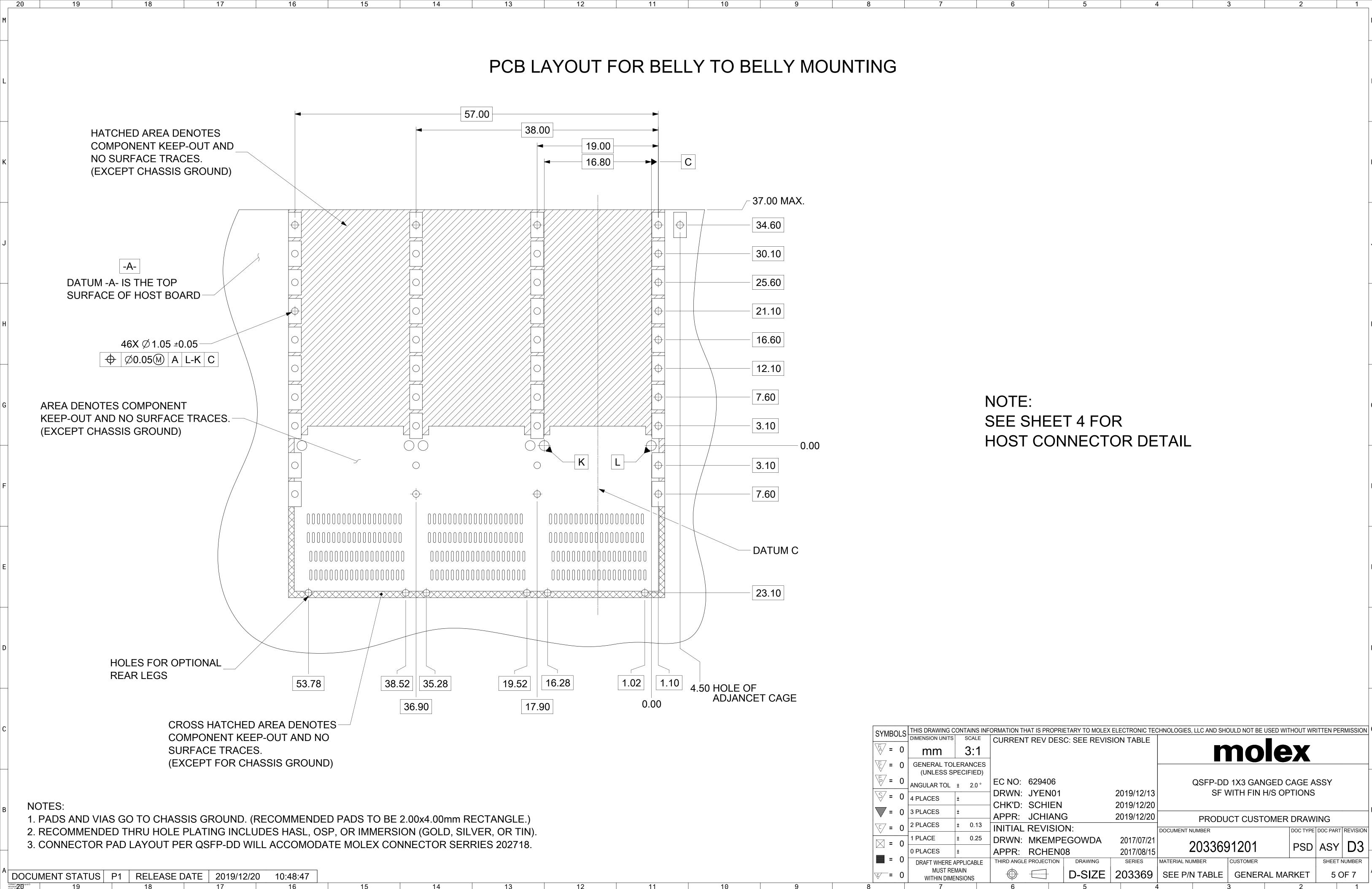
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									L
	WITH HE	EAT SINK							к
									J
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					V	<b>v</b>			G
		MOLEX P/N	HEAT SINK	# OF REAR PER PO		TH RAISED BASE	Ξ		
		2033691346	PCI	0		NO			
		2033691347	SAN	0		NO			F
		2033691348		0		NO			
		2033691349		1		NO			
		2033691350 2033691351	SAN NET	1		NO NO			
		2033692346		0		YES			
		2033692347	SAN	0		YES			
		2033692348		0		YES			E
		2033692349		1		YES			
		2033692350	SAN	1		YES			
		2033692351	NET	1		YES			
									D
SYMBOLS	DIMENSION UNITS S		IT IS PROPRIETARY TO MO REV DESC: SEE RE		CHNOLOGIES, LLC				<u>1</u> C
	GENERAL TOLERA (UNLESS SPECI								-
<b>F</b> = 0	ANGULAR TOL ±	2.0° EC NO: 6				FP-DD 1X3 GANGED			
<u></u>	4 PLACES ±	DRWN: 、		2019/12/13		SF WITH FIN H/S O	PTIONS	6	
<b>*</b> = 0	3 PLACES ±		SCHIEN JCHIANG	2019/12/20 2019/12/20	D	RODUCT CUSTOMEI			_В
<u> </u>	2 PLACES ±	<sup>0.13</sup> INITIAL F	REVISION:						1
<b>=</b> 0	1 PLACE ±				20:	33691201	PSD	ASY D3	
= 0	0 PLACES ± DRAFT WHERE APPLI	ICABLE THIRD ANGLE F	RCHEN08 PROJECTION DRAWING	2017/08/15 SERIES				SHEET NUMBER	+
<b>0</b> = <b>0</b>	MUST REMAIN WITHIN DIMENSIC	DNS 🔍		E 203369	SEE P/N TA	ABLE GENERAL M		3 OF 7	A
	7	6	5			3	2	1	



C								SYMBOLS	THIS DRAWING CO	ONTAINS INF	ORMATION 1
										SCALE	CURREN
									mm	3:1	
								$\overline{E} = 0$	GENERAL TOLI (UNLESS SP		
								<b>F</b> = 0	ANGULAR TOL	± 2.0 °	EC NO:
									4 PLACES	+	DRWN
В									3 PLACES	- +	CHK'D:
NOTES:											APPR:
1. PADS AND VIAS GO TO CHASSIS GROUND. (RECOMMENDED		00v1 00mm DEC						<b>C</b> = 0	2 PLACES :	± 0.13	
× ×			,						1 PLACE	± 0.25	DRWN
2. RECOMMENDED THRU HOLE PLATING INCLUDES HASL, OSF	, OR IMMERSIC	ON (GOLD, SILVE	:R, OR HN).					<b>=</b> 0	0 PLACES	+	APPR:
3. CONNECTOR PAD LAYOUT PER QSFP-DD MSA WILL ACCOM	DDATE MOLEX	CONNECTOR SI	ERIES 202718.					= 0	DRAFT WHERE A		THIRD ANG
									MUST REN		
DOCUMENT STATUS P1 RELEASE DATE 2019/12/20 10:48:47								<b>E</b> = 0	WITHIN DIMEN		$\bigcirc$
FORMAT: provide product         19         18         17         16	15	14	13	12	11	10	9	8	7		6

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): 629406			QSFP-DD 1X3 GANGED CAGE ASSY							
I: JYEN01		2019/12/13		SF WITH FIN H/S OPTIONS						
: SCHIEN		2019/12/20								
: JCHIAN	G	2019/12/20		PRODU	CT CUST	OMER	DRAW	ING		
L REVISIO	DN:		DOCUMENT N	UMBER			DOC TYPE	DOC PAR	REVISION	
I: MKEMP	EGOWDA	2017/07/21		203369	1201				D3	
: RCHEN	08	2017/08/15		203305	01201		PSD	ASY		
GLE PROJECTION	DRAWING	SERIES	MATERIAL NU	MBER	CUSTOMER			SHEET	NUMBER	
	D-SIZE	203369	SEE P/N	I TABLE	GENER	AL MA	RKET	4 (	OF 7	
	_				•		~			



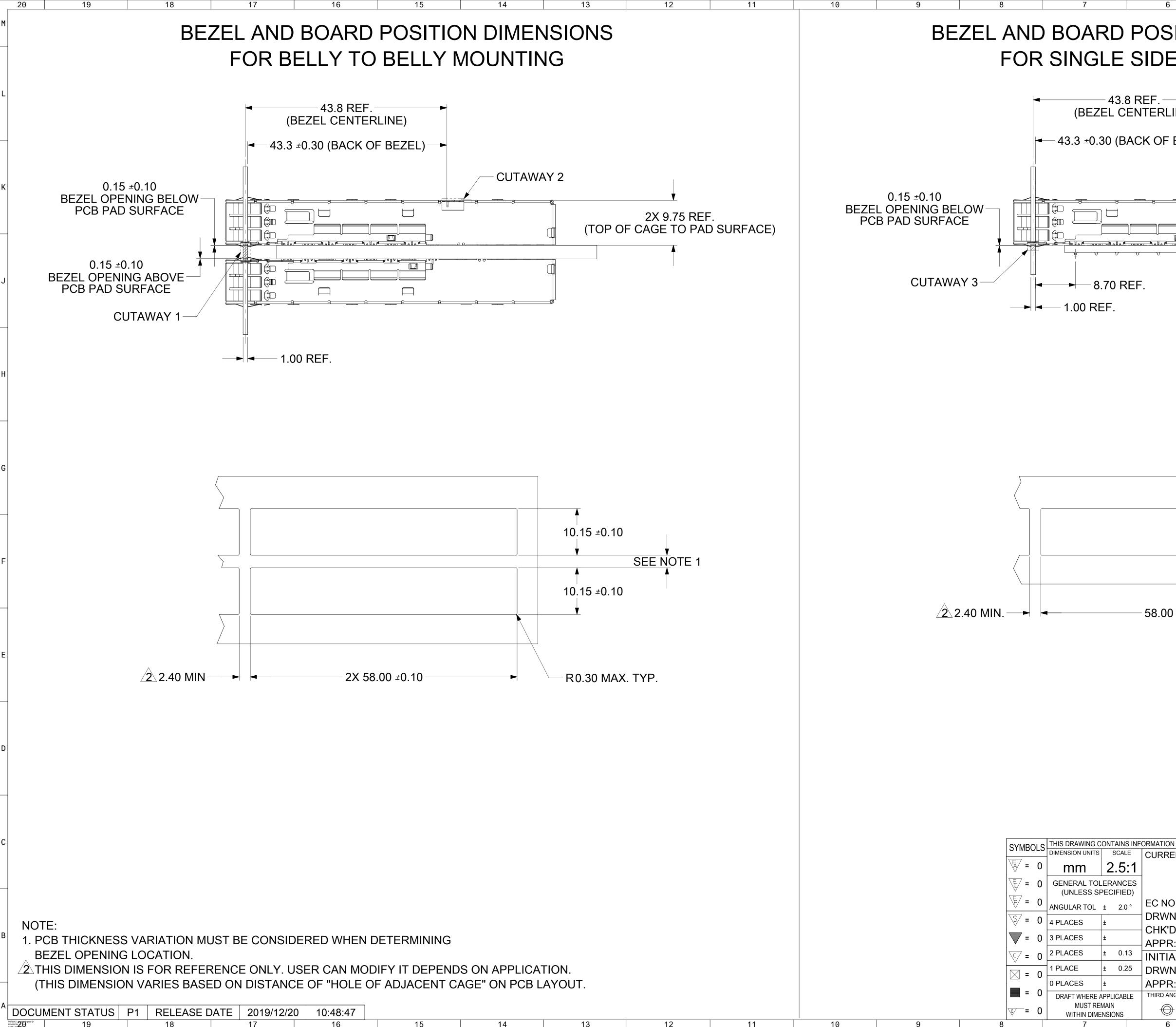
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ENI REV	DES	C: SEE REVIS	SION TABLE		Π	no	le	X			_
O: 6294( N: JYEN	<b>V</b> 01		2019/12/13		-	) 1X3 GAN VITH FIN I					
D: SCH R: JCHI AL REVI	ANC		2019/12/20 2019/12/20								– B
N: MKE R: RCH		EGOWDA 8	2017/07/21 2017/08/15		203369	91201		PSD			
	TION	DRAWING	series 203369	MATERIAL NU	MBER N TABLE		AL MA	RKET		OF 7	A
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## SEE SHEET 4 FOR HOST CONNECTOR DETAIL

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E MOUNTING						L
		9.75 RE F CAGE TO P		JRFA	CE)	К
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	10.15 ±0	).10				F
0 <i>±</i> 0.10 →		. TYP.				E
						D
N THAT IS PROPRIETARY TO MOLEX ELECTRONIC ENT REV DESC: SEE REVISION TABL	E			ITTEN PEF	RMISSION	С
D: 629406 N: JYEN01 2019/12/ D: SCHIEN 2019/12/ R: JCHIANG 2019/12/ AL REVISION:	/13 SF V /20 /20 PRODU DOCUMENT NUMBER	1X3 GANGED C VITH FIN H/S OF CT CUSTOMER	PTIONS DRAW		REVISION	В
N: MKEMPEGOWDA2017/07/R: RCHEN082017/08/NGLE PROJECTIONDRAWINGSERIES	203369	CUSTOMER	PSD	ASY SHEET N	D3	
→ ← D-SIZE 20336		GENERAL MA	RKET		0F 7	A

REV D	ATE	DESCRIPTION
A 2017	7/07/25	INITIAL RELEASE
A1 2017	7/08/28	SHEET 3: G11: UPDATED OPEN TOP ISO VIEW.
В 2017		SHEET 4: H18: AS PER THE QSFP-DD MSA TO CORRECTED TP TOLERANCE FROM 0.1 TO 0.05mm. J09: AS PER THE QSFP-DD MSA TO ADDED TP TOLERANCE AS 0.05mm AND CHANGED 1.55REF. TO 1.55±0.05mm. SHEET 5: H18: AS PER THE QSFP-DD MSA TO CORRECTED TP TOLERANCE FROM 0.1 TO 0.05mm.
C 2018	8/03/21	SHEET 1: L17: ADDED DIMENSION 57.84 REF. SHEET 2: E03: ADDED A BACK VIEW. SHEET 4: J18: CHANGED "TYP." TO "23X" OF DIMENSION 1.05mm. K13: AS PER THE QSFP-DD MSA TO ADDED BASIC DIMENSION 16.80 AND DATUM C. J09: CHANGED "TYP." TO "6X" OF DIMENSION 1.55mm.
		SHEET 5: H18: CHANGED "TYP." TO "46X" OF DIMENSION 1.05mm. K12: AS PER THE QSFP-DD MSA TO ADDED BASIC DIMENSION 16.80 AND DATUM C.
D 2019	9/05/02	OPEN TOP SERIES PRODUCT RELLOCATED TO DRAWING NUMBER 2031692201. SHEET 4(F18) & SHEET 5(B17): UPDATE RECOMMEND PCB LAYOUT OF TRACE KEEP-OUT ZONE
D1 2019	9/07/09	SHEET 3: ADDED NEW P/Ns(-2XXX, WITH RAISED BASE)
D2 2019	9/08/01	SHEET 3 : 5F : ADDED A COLUMN FOR TYPES OF HEAT SINK.
D3 2019	9/12/13	SHEET 6 : E3 & E13 : CHANGED R0.30 TYP. TO R0.30 MAX. TYP. SHEET 6 : J7 & H17 : CHANGED BEZEL THICKNESS FROM 1.60 REF. TO 1.00 REF. SHEET 6 : K6 & K16 : CHANGED FROM 43.0 TO 43.3 ±0.3 SHEET 6 : J7 : CHANGED FROM 8.40 REF. TO 8.70 REF.

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DOCUMENT ST	ATUS	P1	RE	LEASE DATE	2	019/12/20 <sup>~</sup>	10:48	8:47			
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	0	ANGULAR			2.0 °	EC NC
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=	0	3 PLACES		±		- CHK'E - APPR
<b>E</b> =	0	2 PLACES		±	0.13	
=	0	1 PLACE		±	0.25	DRWN
	-	0 PLACES		±		APPR
=	0	DRAFT WH	IERE A	PPL	ICABLE	THIRD AN
<b>~~</b> =	0	-	ST REMAIN I DIMENSIONS			
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ON TH	AT IS PROPRI	ETARY 1	O MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC AND SHO	OULD NOT BE USED WIT	HOUT WF	ITTEN PEF	RMISSION	
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O:	629406				QSFP-DD	1X3 GANGED C	AGE A	SSY		
/N:	JYEN01			2019/12/13	SF WITH FIN H/S OPTIONS					
'D:	SCHIEN			2019/12/20						
R:	JCHIAN	3		2019/12/20	PRODUCT CUSTOMER DRAWING					
AL I	REVISIO	N:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	-
/N:	MKEMPE	EGOV	VDA	2017/07/21	000060	1001			<b>D</b> 0	
R:	RCHENC	8		2017/08/15	203369	01201	PSD	ASY	D3	A
ANGLE	PROJECTION	DRA	WING	SERIES	MATERIAL NUMBER	CUSTOMER	I		NUMBER	1
		D-8	SIZE	203369	SEE P/N TABLE GENERAL MARKET 7 O				)F 7	
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