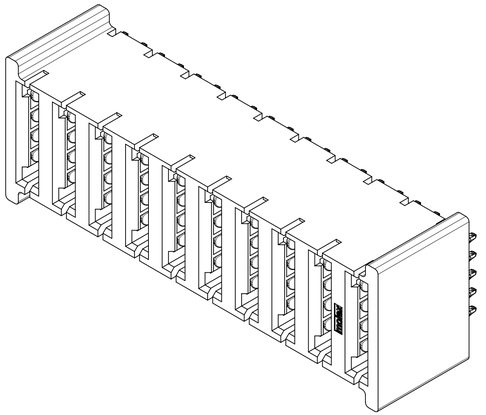
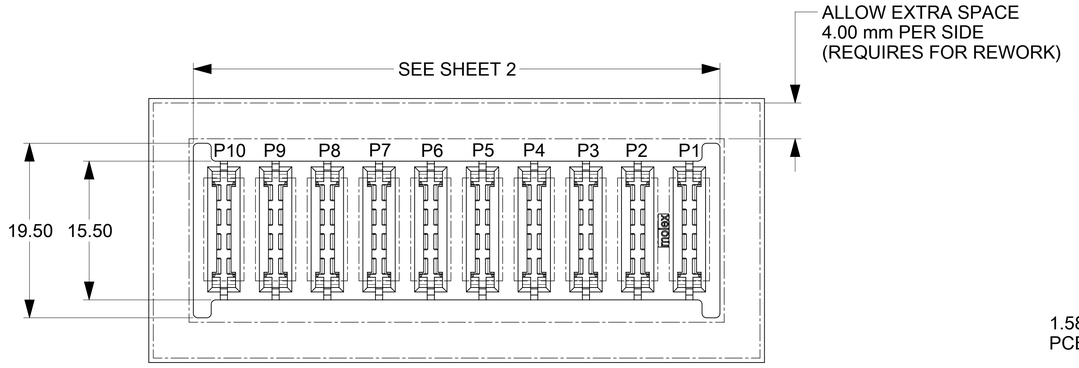
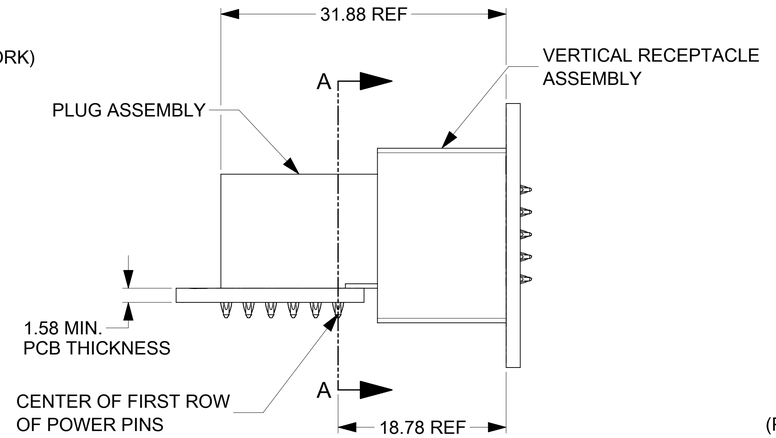
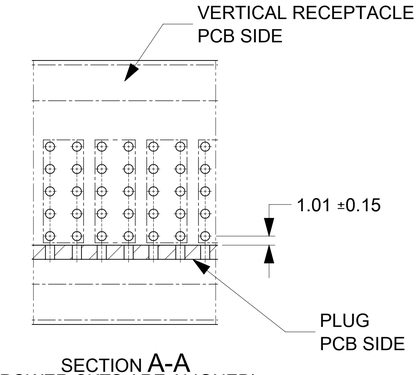




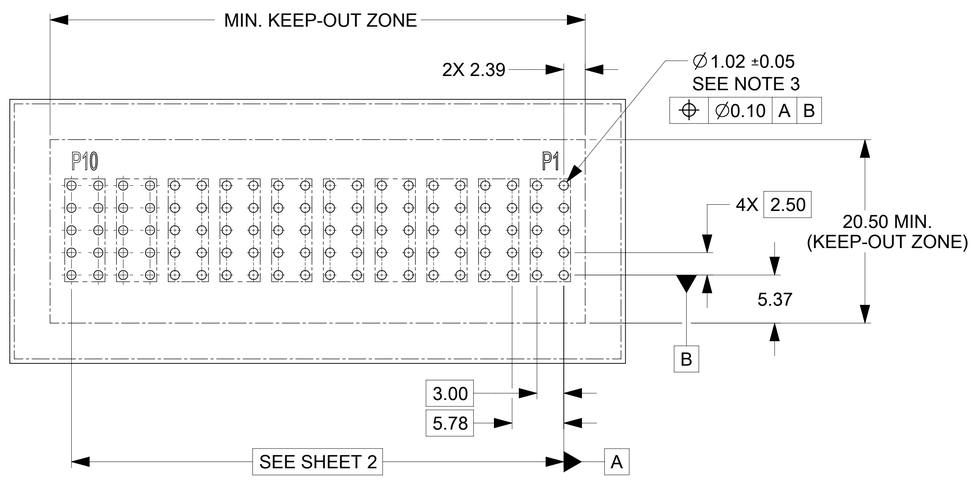






SECTION A-A
(POWER CKTS ARE ALIGNED)

PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

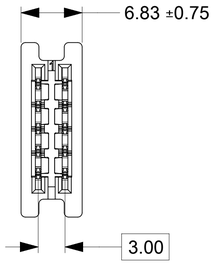
NOTES:
1. MATERIAL:
   -HOUSINGS: LCP UL94, V-0, COLOR : BLACK
   -TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
   -PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH
   2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND
   0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141140001-PK.
3. PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
4. PRODUCT SPEC: 2141130000-PS.
5. PRODUCT TO MEET RoHS REQUIREMENTS.
6. VERTICAL ASSEMBLY MATES TO MOLEX PLUG 219562XXXX-SD, SEE DRAWING FOR DETAILS.
7. TAIL DESIGN: COMPLIANT PIN.
8. POWER TERMINALS ARE LUBRICATED.
9. APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).

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

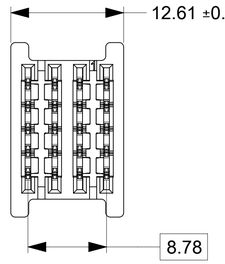
DIMENSION UNITS: mm	SCALE: 3:1	CURRENT REV DESC:	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			GUARDIAN HD VREC POWER ONLY UNGUIDED PF
ANGULAR TOL ± °		EC NO: 745288	
4 PLACES ±		DRWN: LZABJANOVSKI 2023/03/23	PRODUCT CUSTOMER DRAWING
3 PLACES ±		CHK'D: JAYK1 2023/04/10	
2 PLACES ± 0.25		APPR: JAYK1 2023/04/10	
1 PLACE ± 0.3		INITIAL REVISION:	DOCUMENT NUMBER: 2195639003-SD; DOC TYPE: PSD; DOC PART: 000; REVISION: A2
0 PLACES ±		DRWN: LZABJANOVSKI 2022/03/30	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: BPISZCZOR 2022/08/04	THIRD ANGLE PROJECTION; DRAWING: D-SIZE; SERIES: 219563; MATERIAL NUMBER: SEE CHART; CUSTOMER; SHEET NUMBER: 1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11 17:05:26

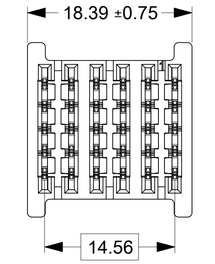
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219563-0031	1P	820



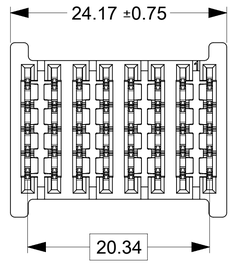
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219563-0032	2P	440



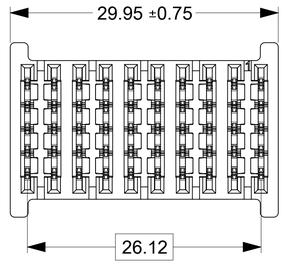
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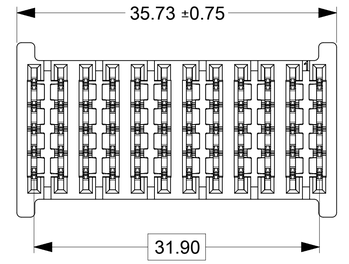
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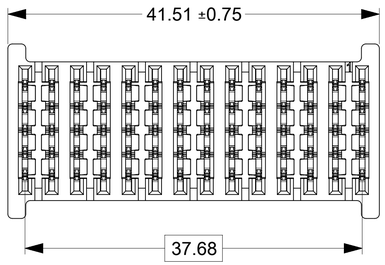
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219563-0035	5P	180



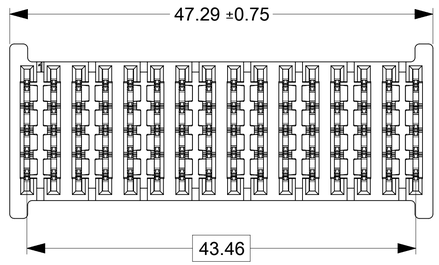
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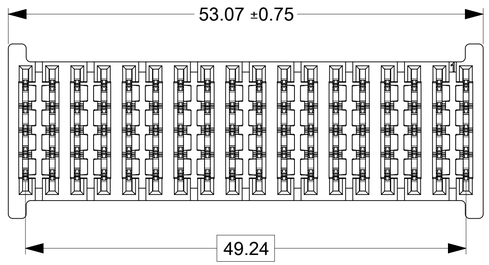
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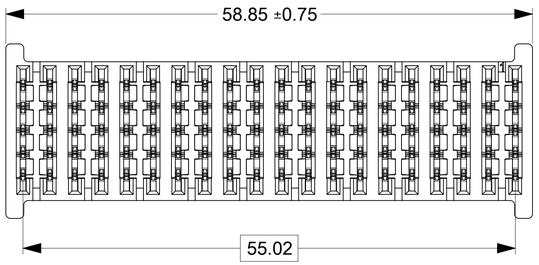
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219563-0038	8P	100



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0039	9P	100



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0040	10P	80



DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11 17:05:26

* VIEWS SHOWN ON THIS SHEET ARE FROM THE BOTTOM OF THE CONNECTOR

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DIMENSION UNITS	SCALE
mm	3:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 745288
DRWN: LZABJANOVSKI 2023/03/23
CHK'D: JAYK1 2023/04/10
APPR: JAYK1 2023/04/10

INITIAL REVISION:
DRWN: LZABJANOVSKI 2022/03/30
APPR: BPISZCZOR 2022/08/04

molex

GUARDIAN HD VREC POWER ONLY UNGUIDED PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639003-SD	PSD	000	A2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	219563	SEE CHART		2 OF 2

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194270031 348242245 194290039 197054301 347910140 351820290 355240920 197134001 349672001 0477256010 459850483 502380-0800 502584-1060 502585-0370 528520870 0464363133 34708-2028 5023860371 502584-0870 503988100 0351510214 194290026 347928042 0194360214 347072012 348268126 357470310 528061110 464373005 528523070