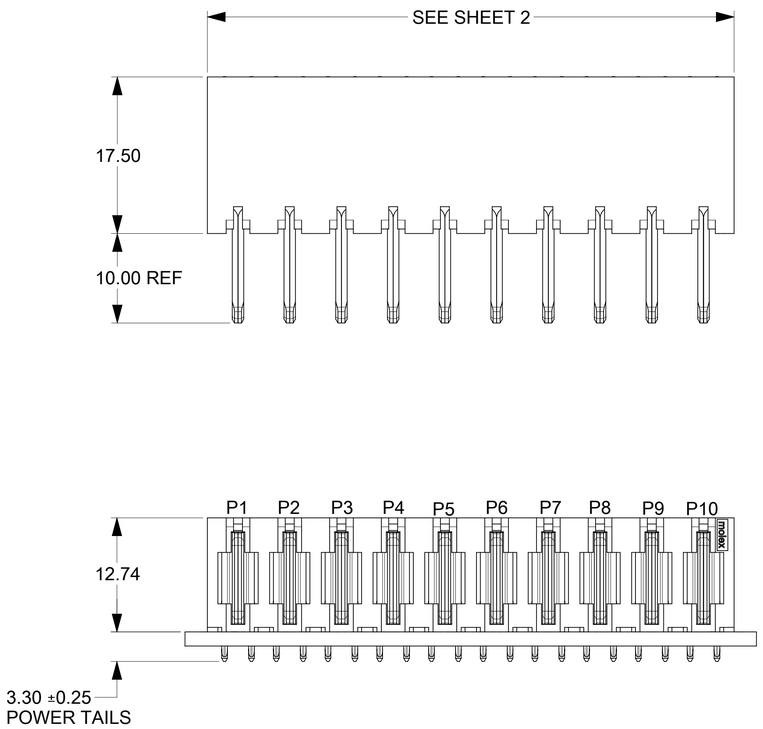
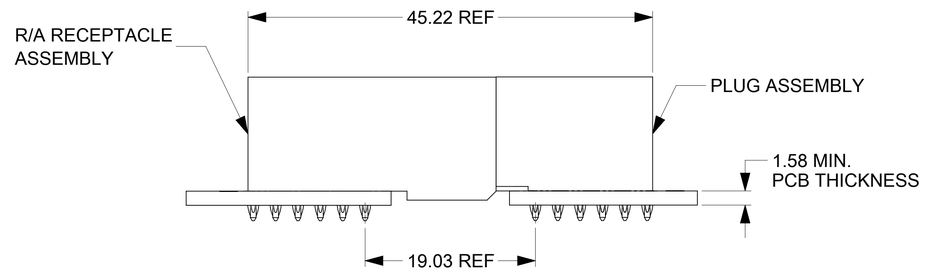
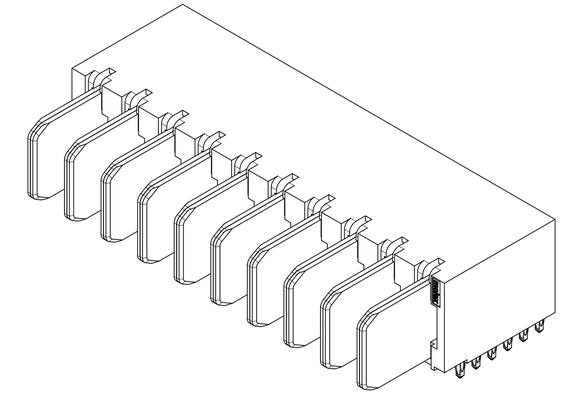
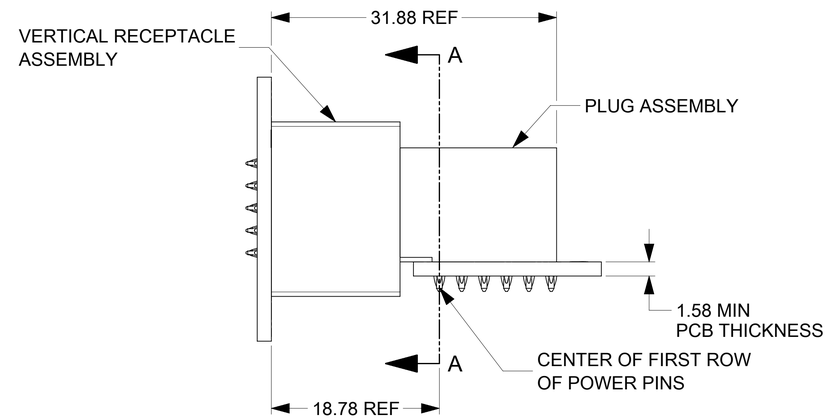


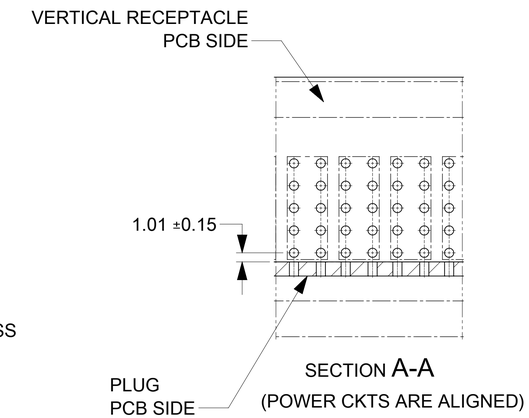


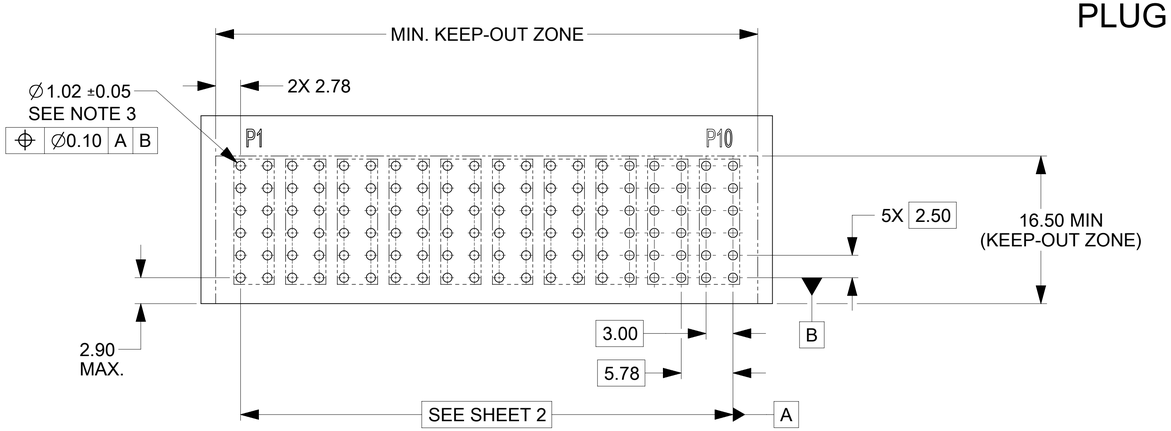
PLUG MATED TO R/A RECEPTACLE
MATED PROFILE





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: 2141130010-PK.
3. PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
4. PRODUCT SPEC: 2141130000-PS.
5. PRODUCT TO MEET RoHS REQUIREMENTS.
6. PLUG ASSEMBLY MATES TO MOLEX RECEPTACLES 219563XXXX-SD AND 219564XXXX-SD, SEE DRAWINGS FOR DETAILS.
7. TAIL DESIGN: COMPLIANT PIN.
8. POWER TERMINALS ARE LUBRICATED.
9. APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).

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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 2023/03/21
CHK'D: JAYK1 2023/04/10
APPR: JAYK1 2023/04/10

INITIAL REVISION:
DRWN: LZABJANOVSKI 2022/03/29
APPR: BPISZCZOR 2022/08/04

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GUARDIAN HD RA PLUG POWER ONLY
UNGUIDED PF

PRODUCT CUSTOMER DRAWING

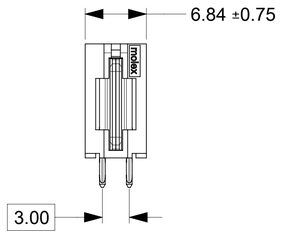
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195629003-SD	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	219562	SEE CHART		1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11 17:04:40

FORMAT: master-de-prod-D
REVISION: J.0
DATE: 2021/06/01

PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0031	1P	656



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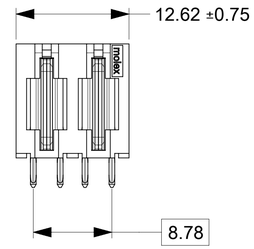
219562-0032	2P	352



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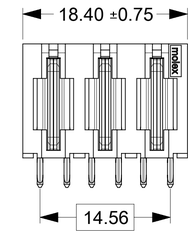

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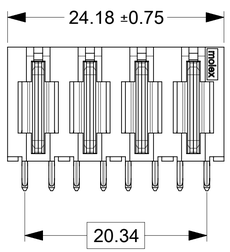
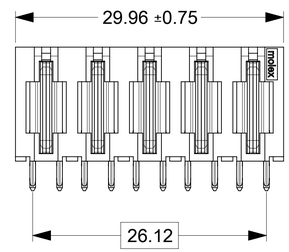
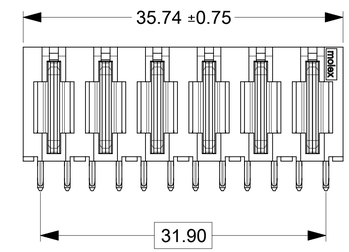


PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0035	5P	144



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0036	6P	112



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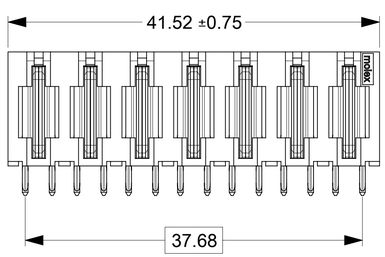

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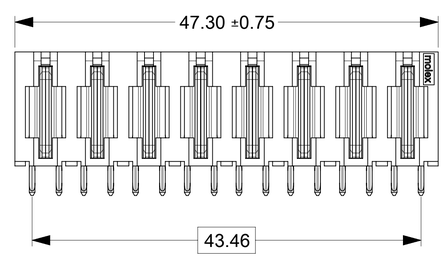

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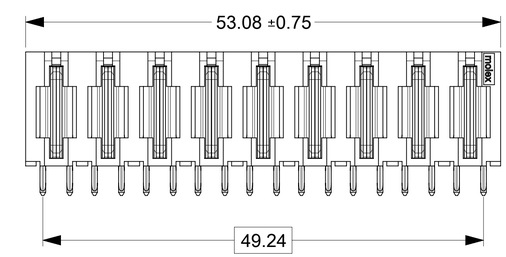

PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
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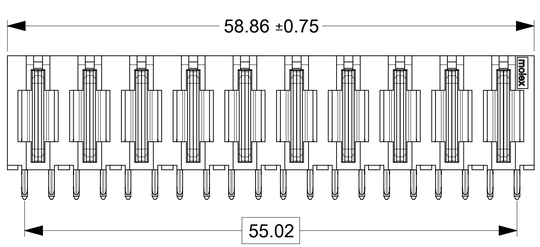

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11 17:04:40

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mm	3:1

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0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 745288
DRWN: LZABJANOVSKI 2023/03/21
CHK'D: JAYK1 2023/04/10
APPR: JAYK1 2023/04/10

INITIAL REVISION:
DRWN: LZABJANOVSKI 2022/03/29
APPR: BPISZCZOR 2022/08/04

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 219562

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GUARDIAN HD RA PLUG POWER ONLY
UNGUIDED PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195629003-SD	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART		2 OF 2