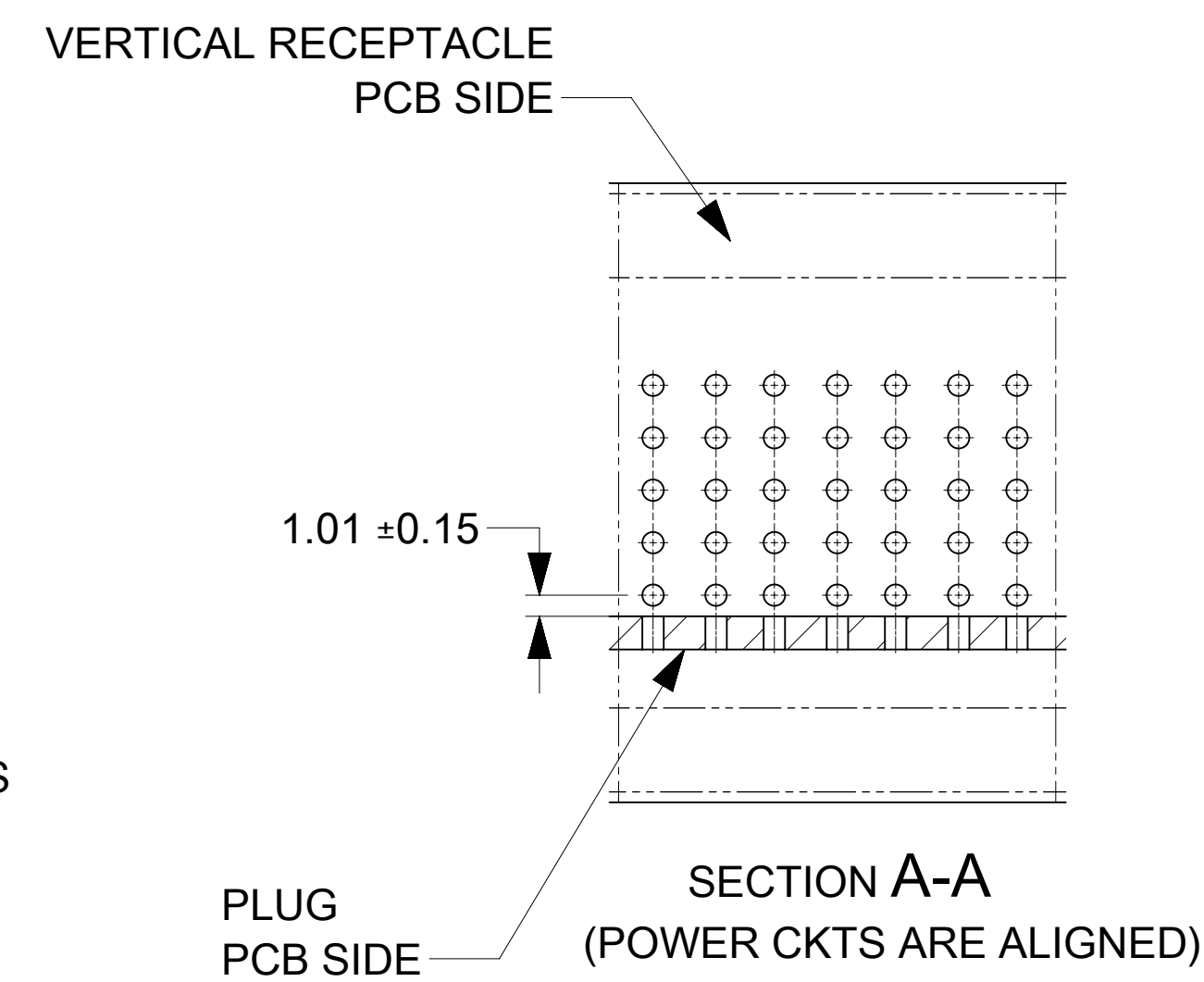
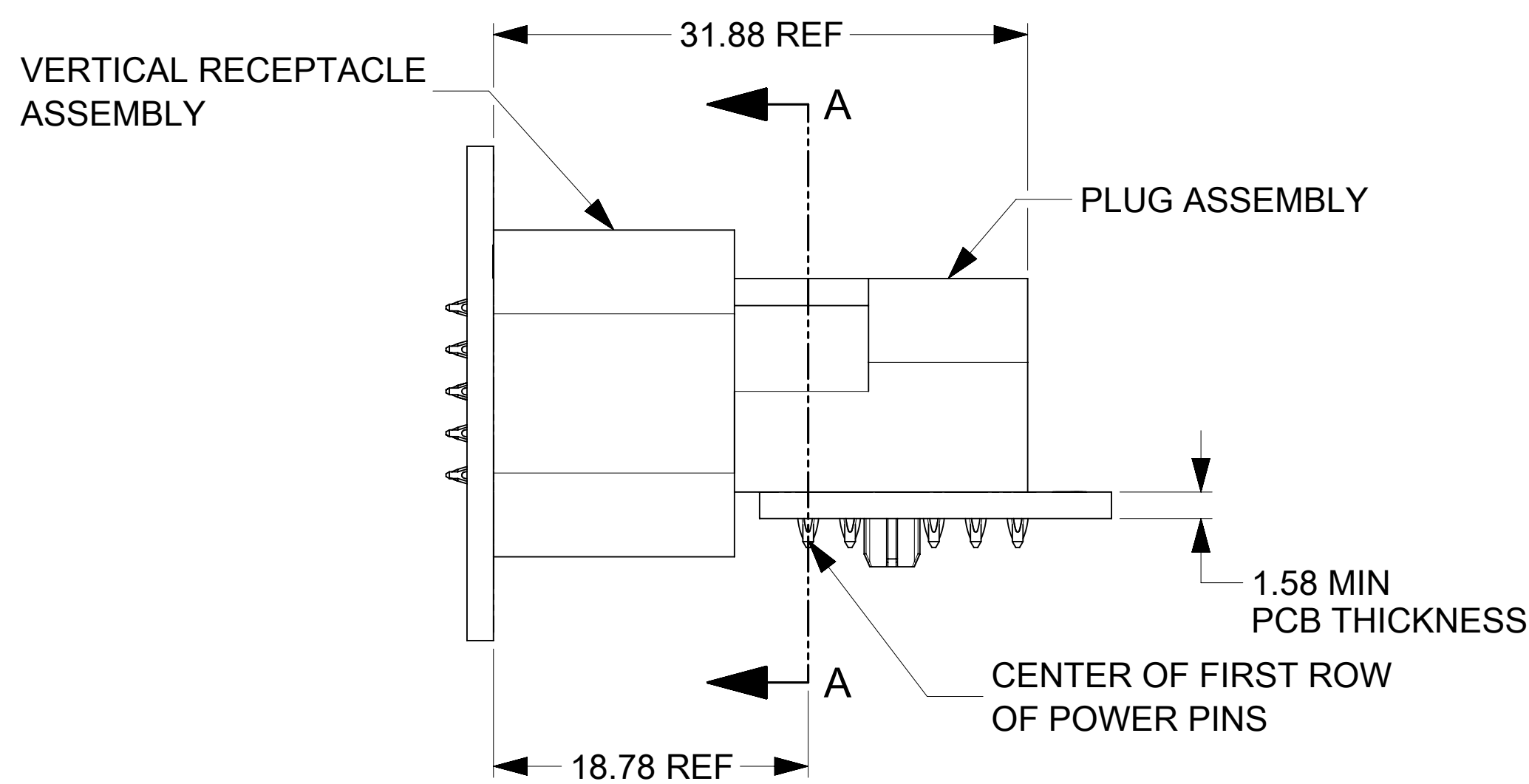
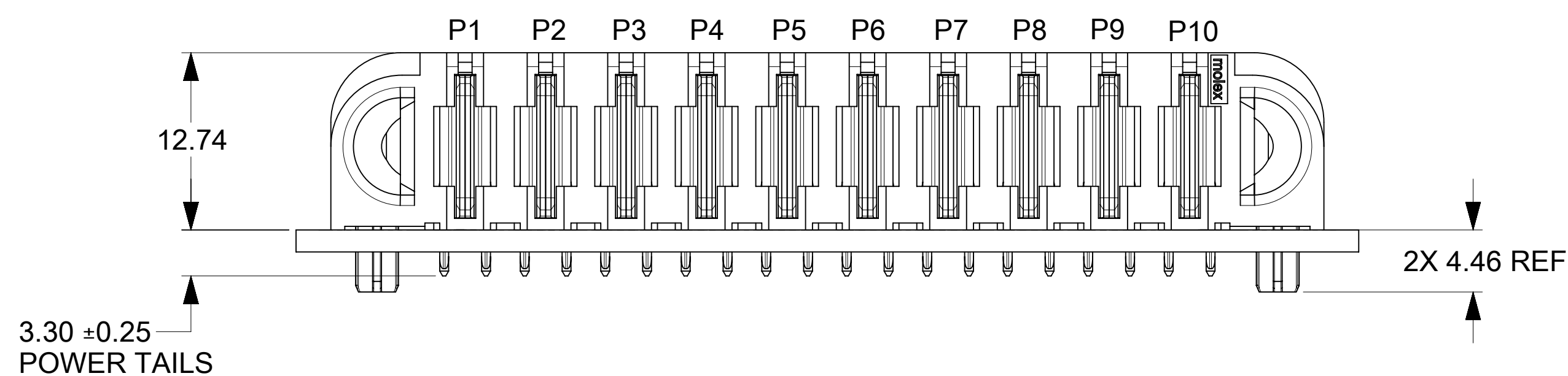
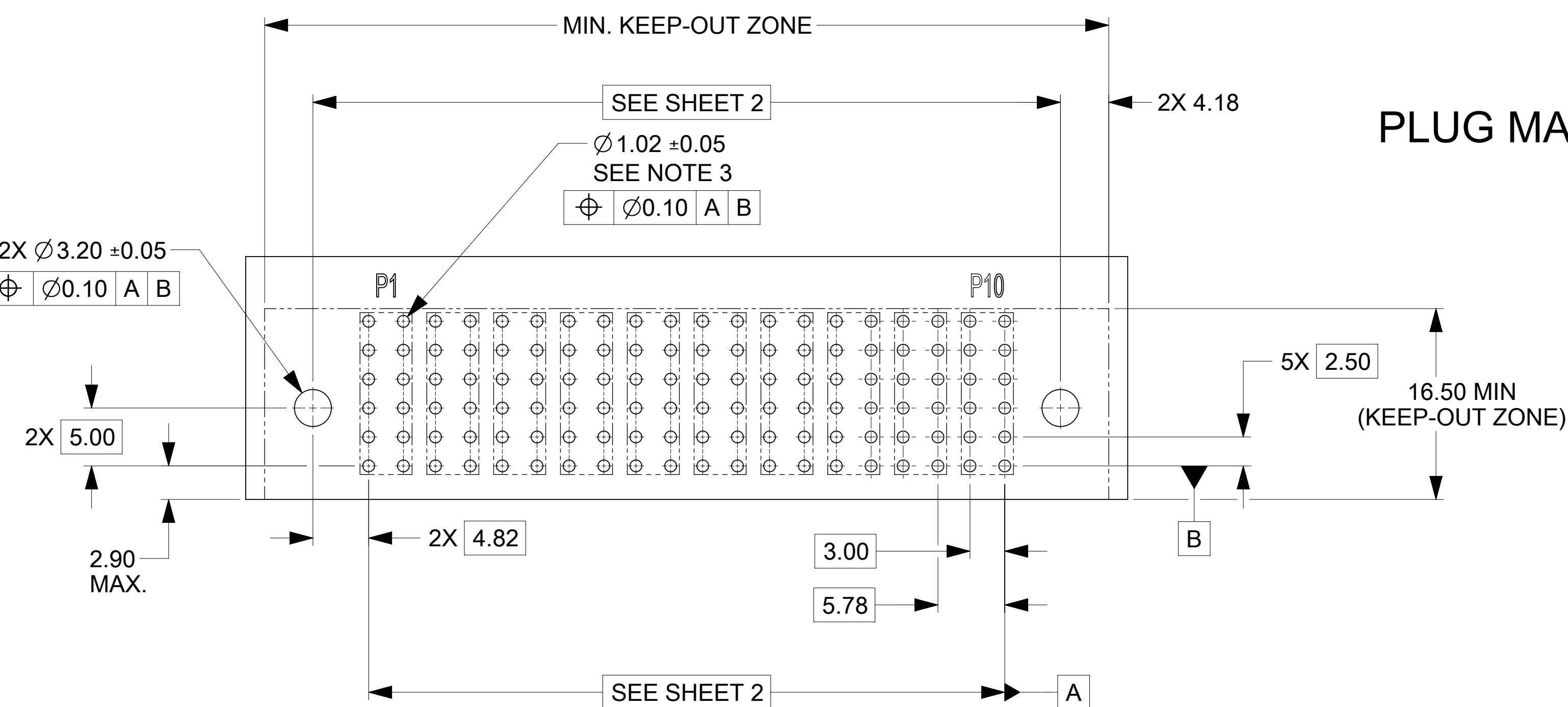


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**



NOTES:

- 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
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141130010-PK.
- PLATED THRU HOLE SIZE,** REFER TO PRODUCT SPEC. FOR DETAILS.
- PRODUCT SPEC:** 2141130000-PS.
- PRODUCT TO MEET** RoHS REQUIREMENTS.
- PLUG ASSEMBLY MATES TO MOLEX RECEPTACLES** 219563XXXX-SD AND 219564XXXX-SD, SEE DRAWINGS FOR DETAILS.
- TAIL DESIGN:** COMPLIANT PIN.
- POWER TERMINALS ARE LUBRICATED.**
- 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 | SCALE | CURRENT REV DESC: | | | | | | | |
| 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 | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | | |
| | | D-SIZE | 219562 | SEE CHART | | 1 OF 2 | | | |

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

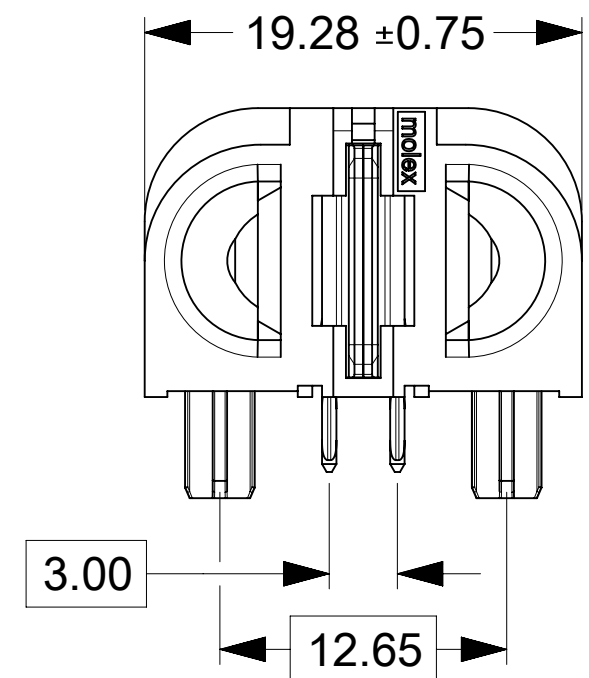


GUARDIAN HD RA PLUG POWER ONLY PF

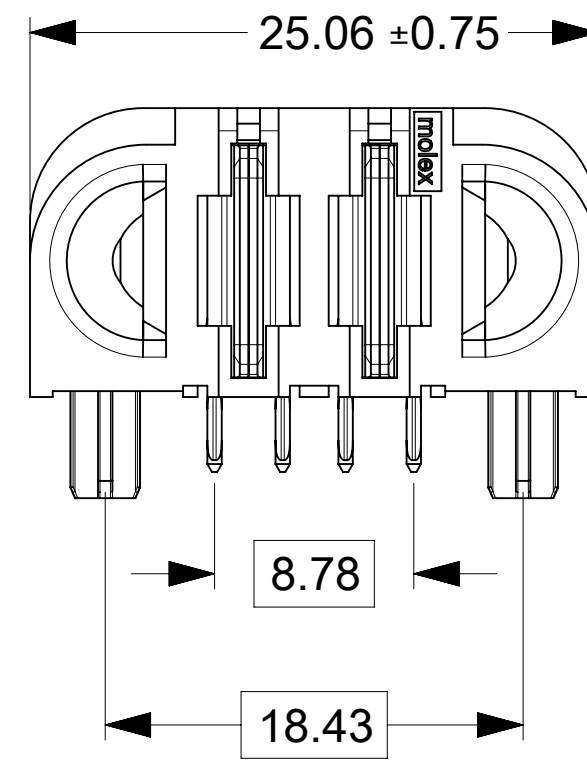
PRODUCT CUSTOMER DRAWING

| | | | |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 2195629000-SD | PSD | 000 | A1 |

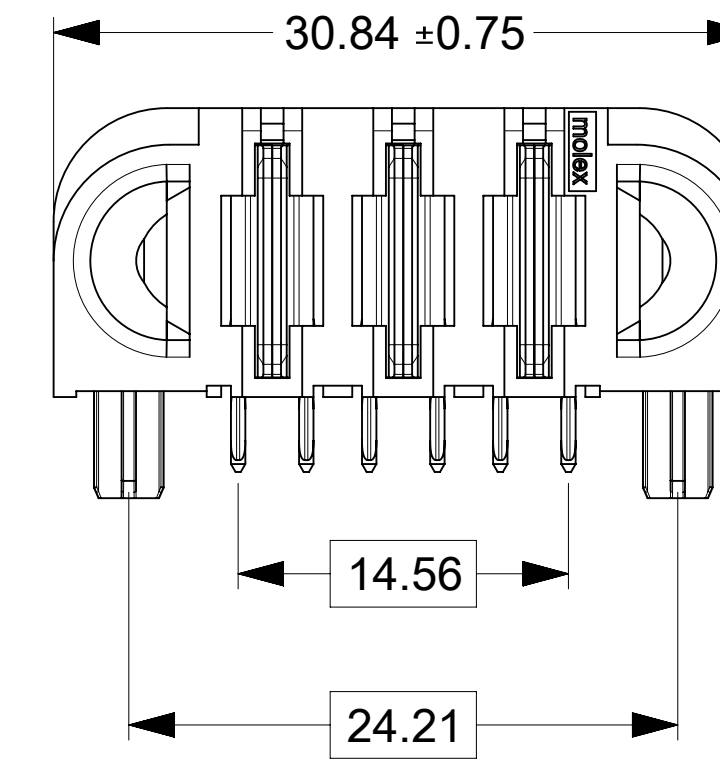
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0001 | G+1P+G | 195 |



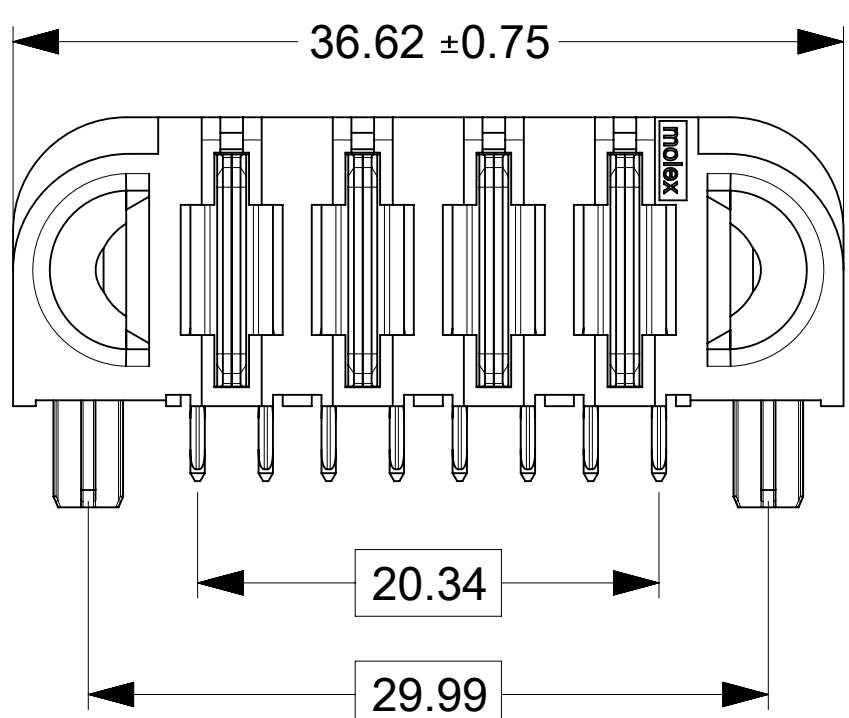
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0002 | G+2P+G | 150 |



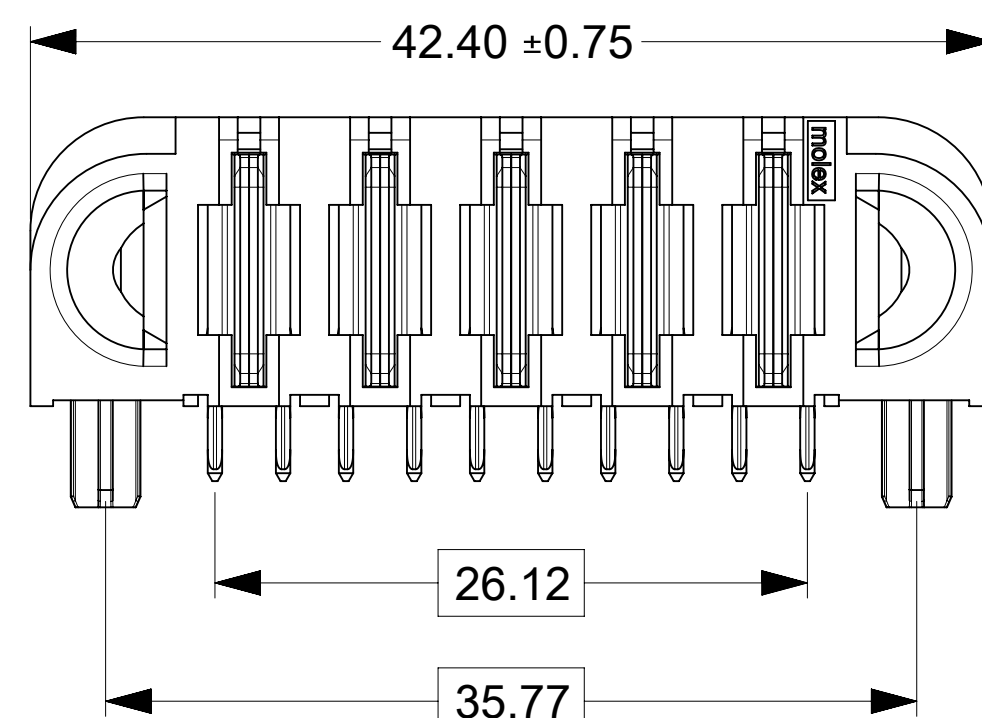
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|-------------|---------------|--------------------------|
| 219562-0003 | G+3P+G | 120 |



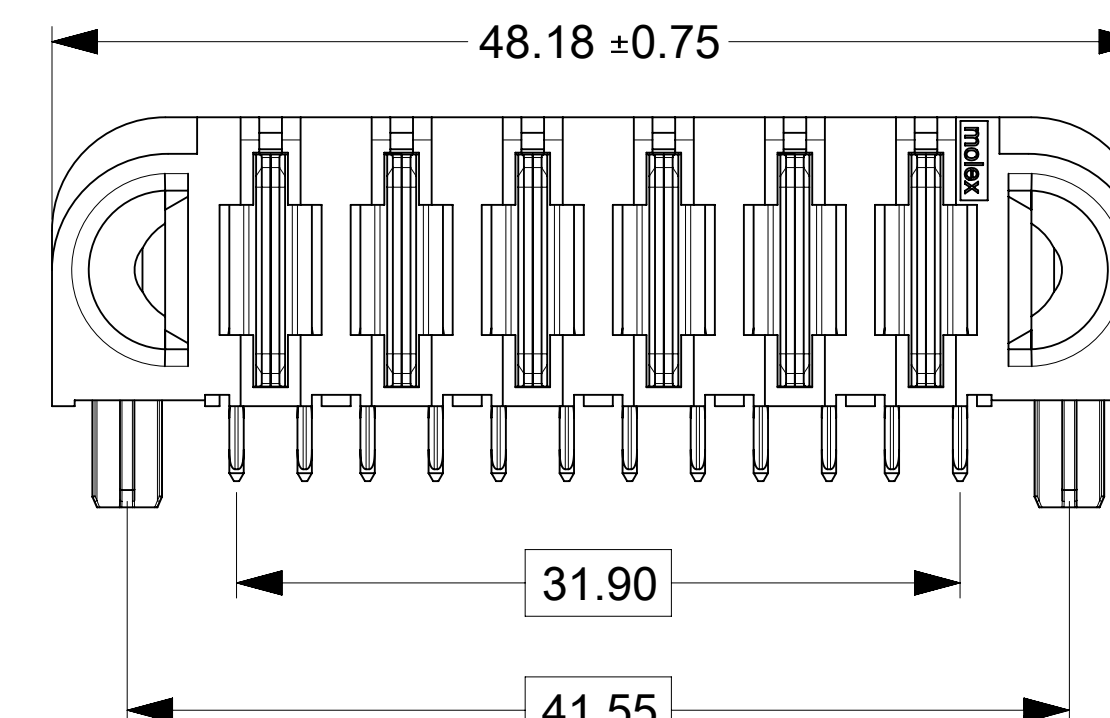
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|-------------|---------------|--------------------------|
| 219562-0004 | G+4P+G | 105 |



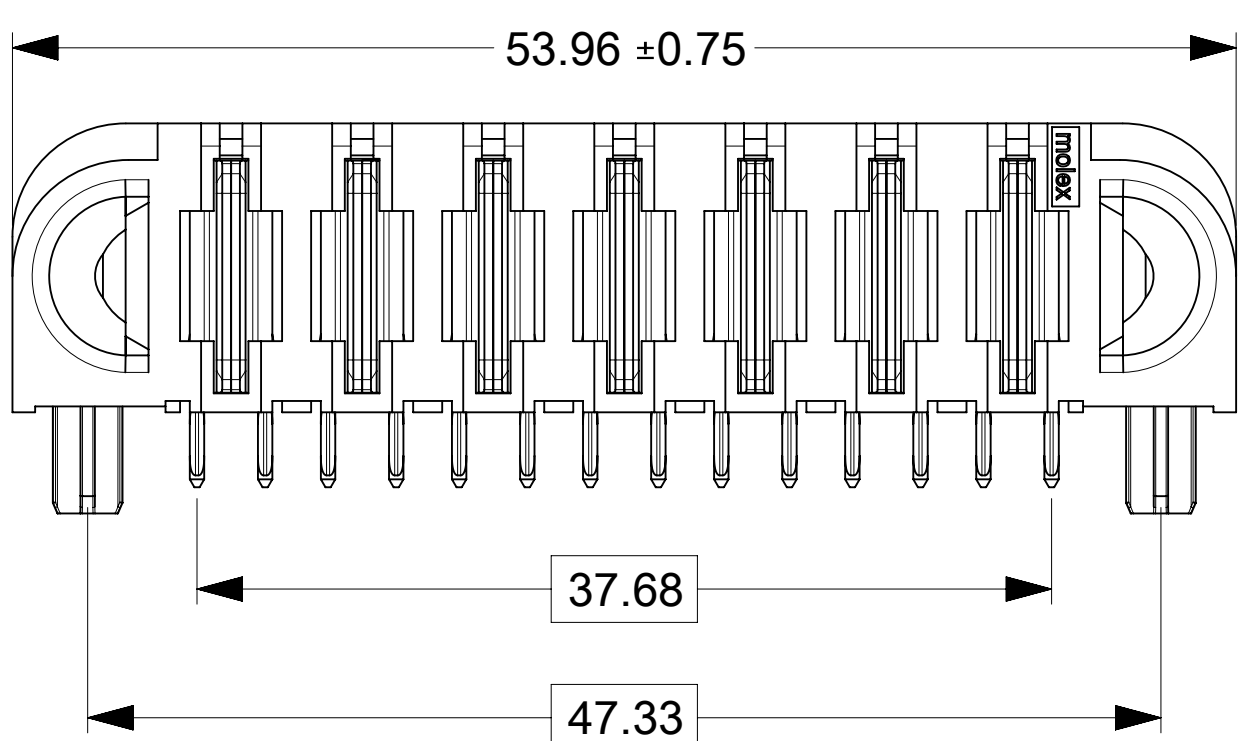
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0005 | G+5P+G | 90 |



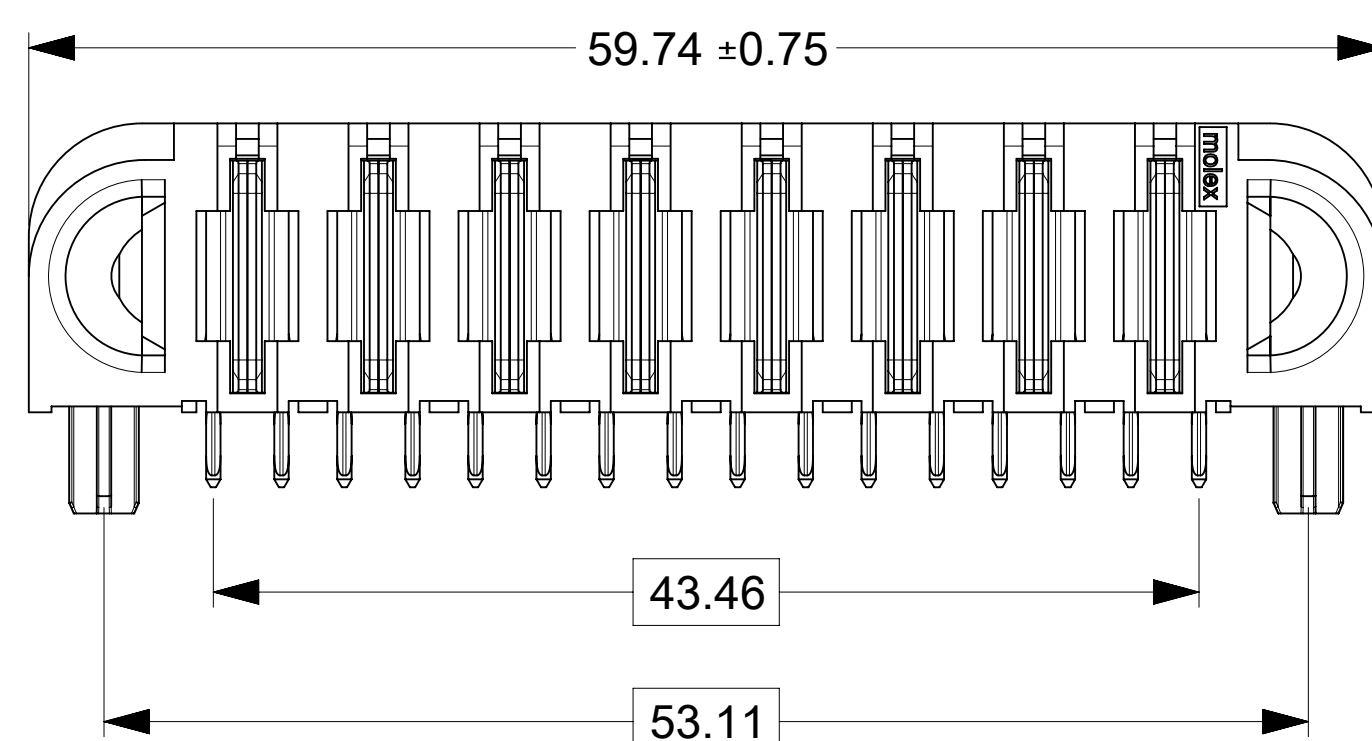
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|-------------|---------------|--------------------------|
| 219562-0006 | G+6P+G | 75 |



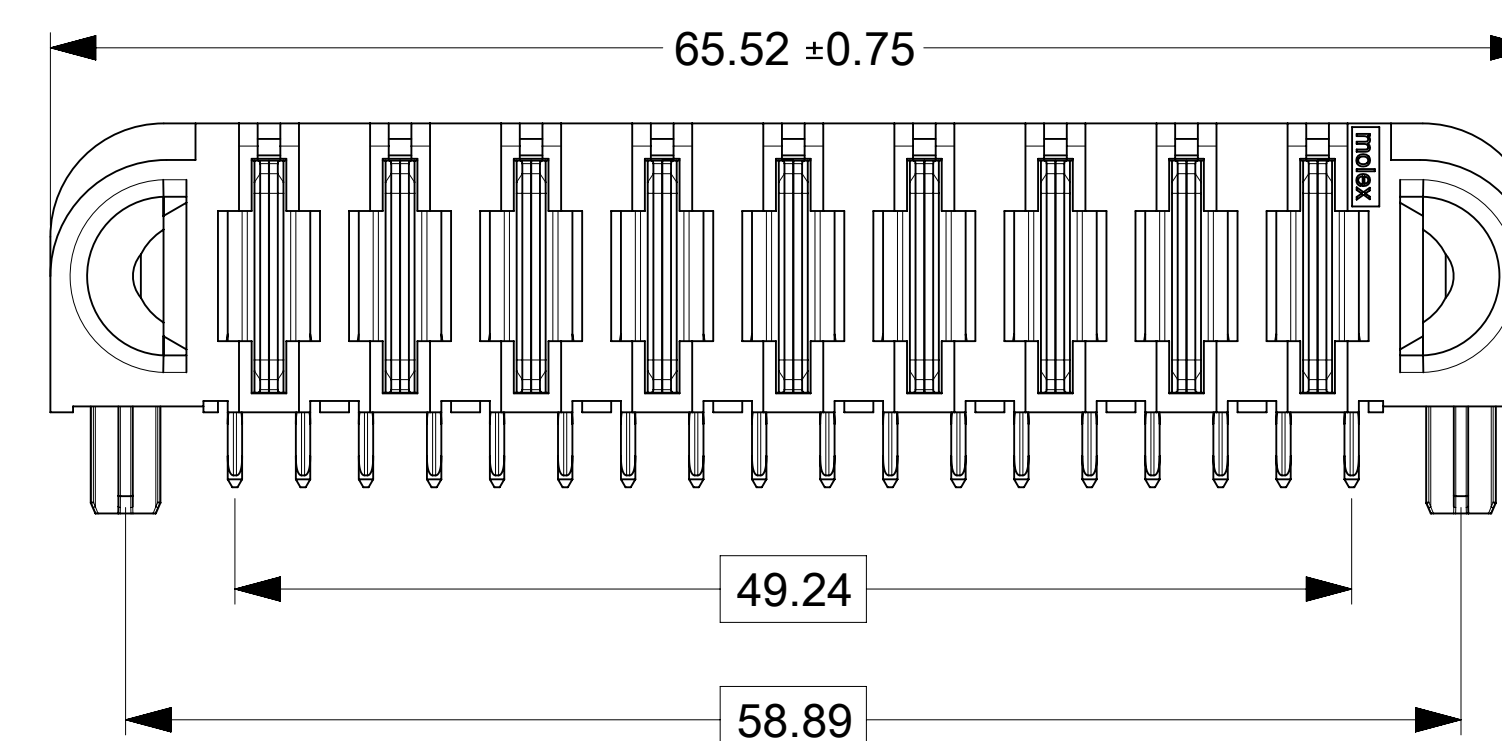
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0007 | G+7P+G | 60 |



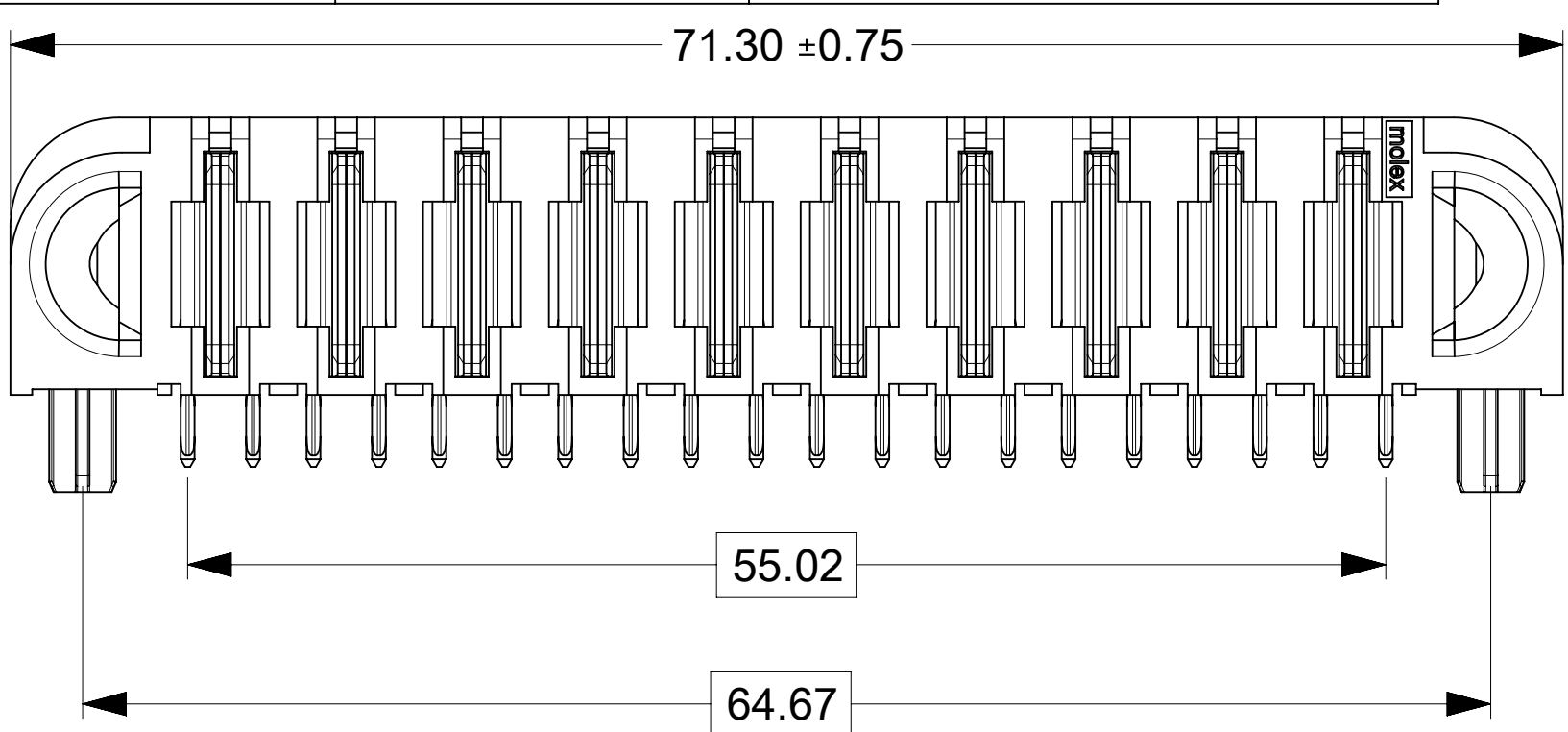
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0008 | G+8P+G | 60 |



| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0009 | G+9P+G | 45 |



| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219562-0010 | G+10P+G | 45 |



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| | | | |
|--|-------|------------------------|----------------|
| DIMENSION UNITS | SCALE | CURRENT REV DESC: | |
| 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 | | THIRD ANGLE PROJECTION | DRAWING SERIES |
| | | | D-SIZE 219562 |

| | | | |
|--------------------|--|------------|--|
| EC NO: 745288 | | 2023/03/09 | |
| DRWN: LZABJANOVSKI | | 2023/04/10 | |
| CHK'D: JAYK1 | | 2023/04/10 | |
| APPR: JAYK1 | | 2023/04/10 | |
| INITIAL REVISION: | | | |
| DRWN: LZABJANOVSKI | | 2022/03/14 | |
| APPR: BPISZCZOR | | 2022/08/04 | |

| | | | |
|-----------------------------------|----------|--------------|----------|
| molex | | | |
| GUARDIAN HD RA PLUG POWER ONLY PF | | | |
| PRODUCT CUSTOMER DRAWING | | | |
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 2195629000-SD | PSD | 000 | A1 |
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | |
| SEE CHART | | 2 OF 2 | |

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