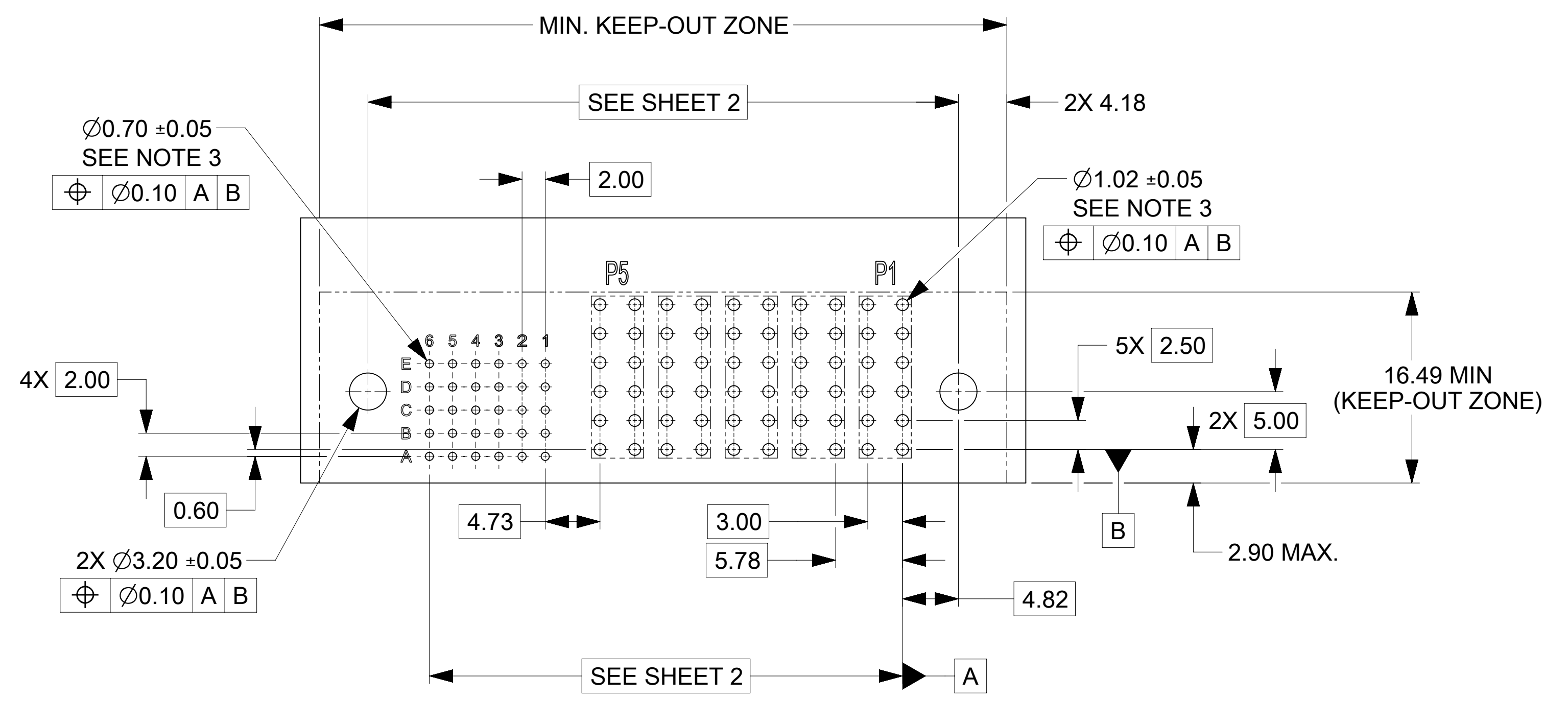


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



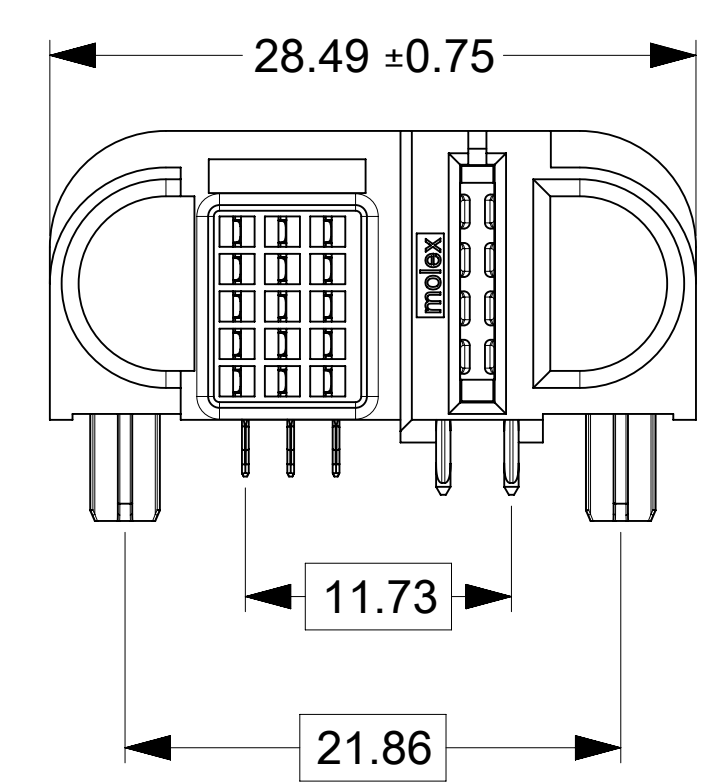
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

NOTES:

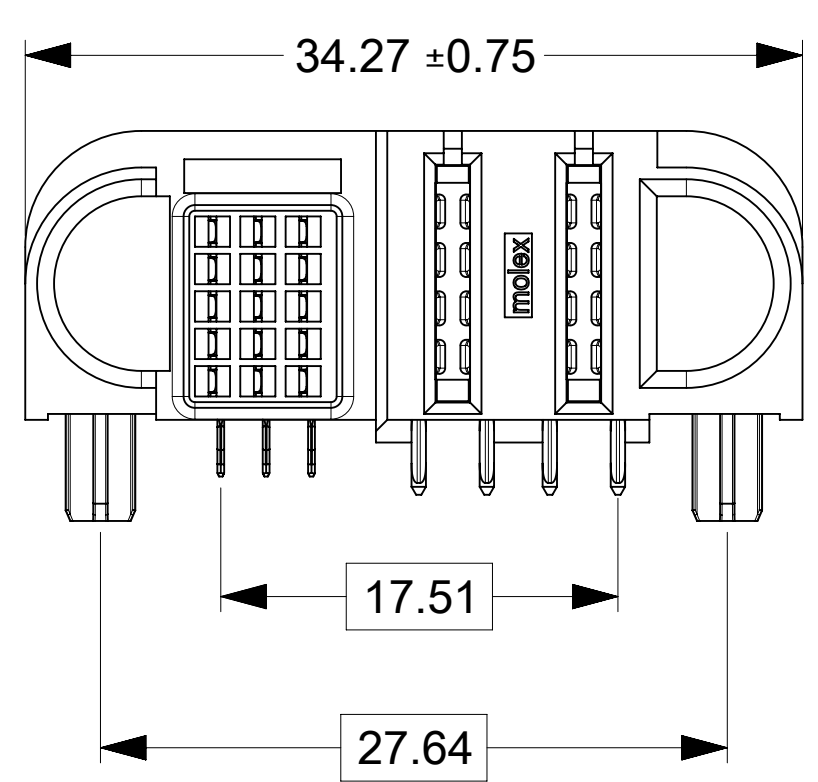
1. MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 μm (50 μin) NICKEL OVERALL WITH 2.54 μm (100 μin) SELECTIVE TIN ON TAILS AND 0.762 μm (30 μin) SELECTIVE GOLD ON CONTACT AREA
2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141150010-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 | | SCALE | | CURRENT REV DESC: | | | | | |
| mm | | 3:1 | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 745288 DRWN: LZABJANOVSKI 2023/03/24 CHK'D: JAYK1 2023/04/10 APPR: JAYK1 2023/04/10 INITIAL REVISION: DRWN: LZABJANOVSKI 2022/04/01 APPR: BPISZCZOR 2022/08/04 | | | | | |
| ANGULAR TOL ± ° | | | | | | | | | |
| 4 PLACES ± | | | | | | | | | |
| 3 PLACES ± | | | | | | | | | |
| 2 PLACES ± 0.25 | | | | | | | | | |
| 1 PLACE ± 0.3 | | | | DOCUMENT NUMBER | | DOC TYPE | | DOC PART | |
| 0 PLACES ± | | | | 2195649001-SD | | PSD | | 000 A3 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SHEET NUMBER | |
| | | | | D-SIZE | | 219564 | | 1 OF 2 | |

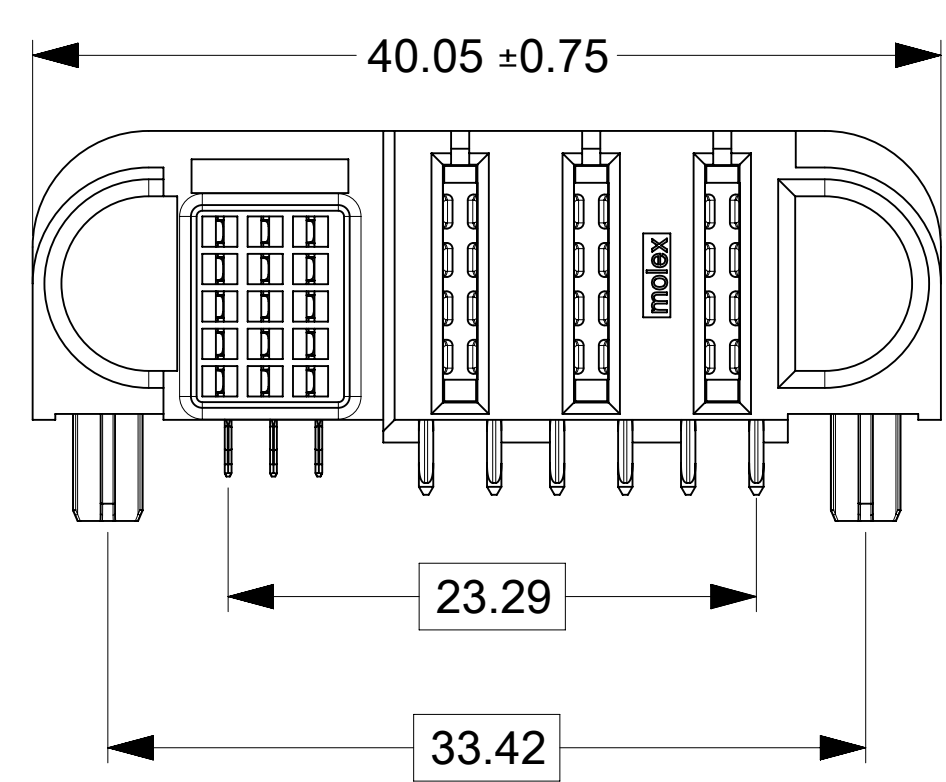
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0011 | G+1P+15S+G | 135 |



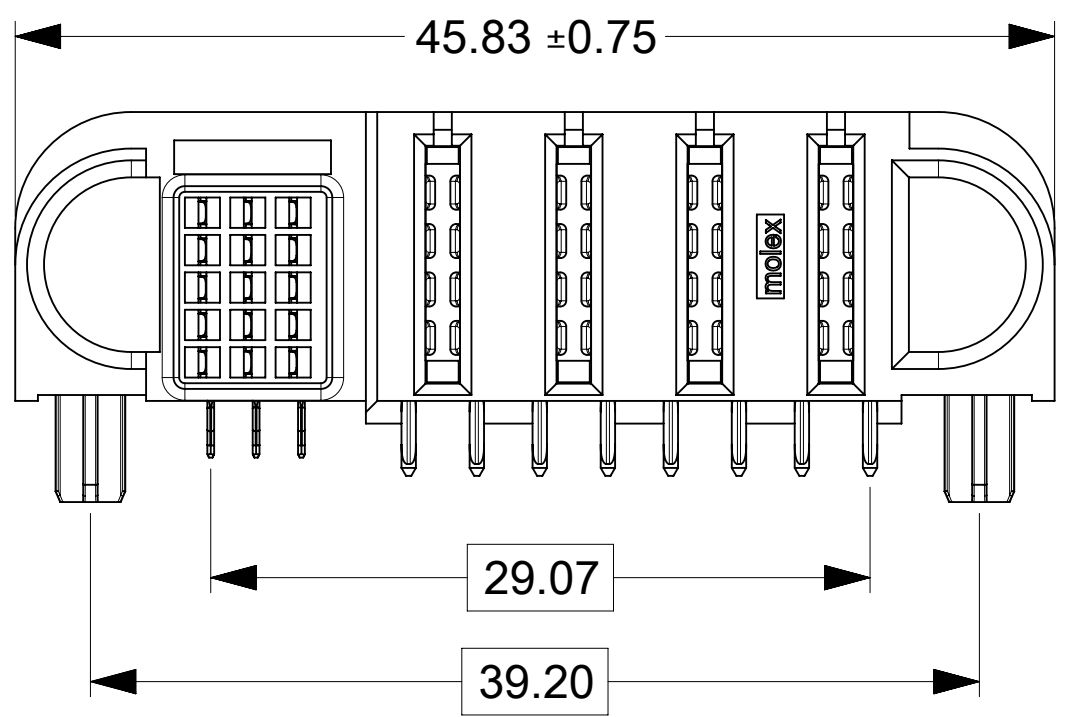
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|-------------|---------------|--------------------------|
| 219564-0012 | G+2P+15S+G | 105 |



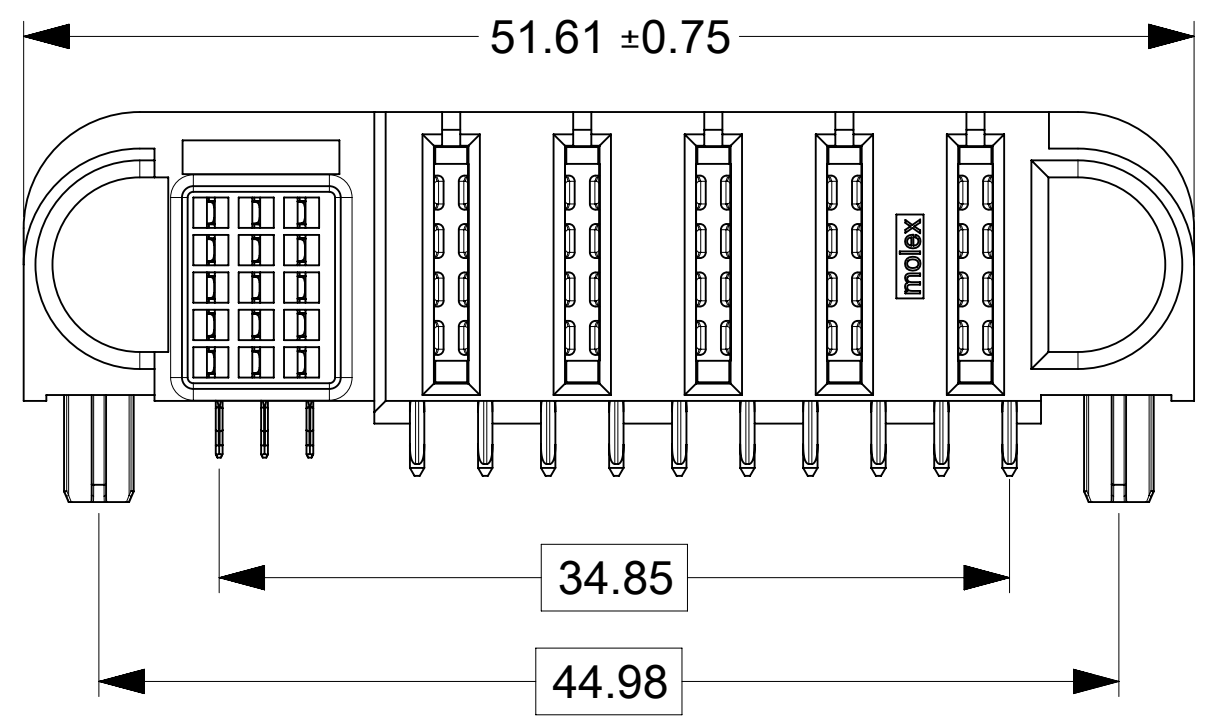
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0013 | G+3P+15S+G | 90 |



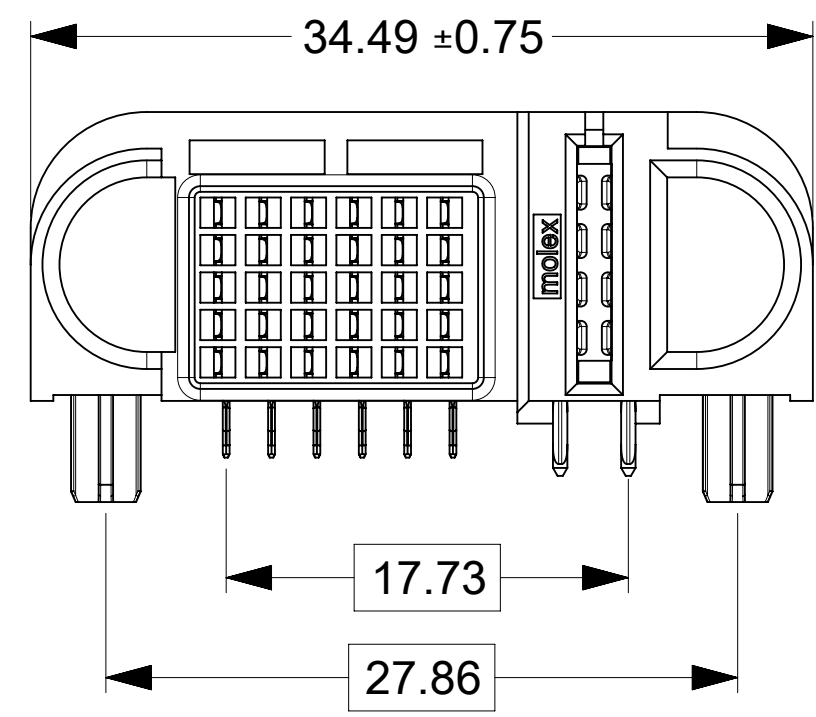
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0014 | G+4P+15S+G | 75 |



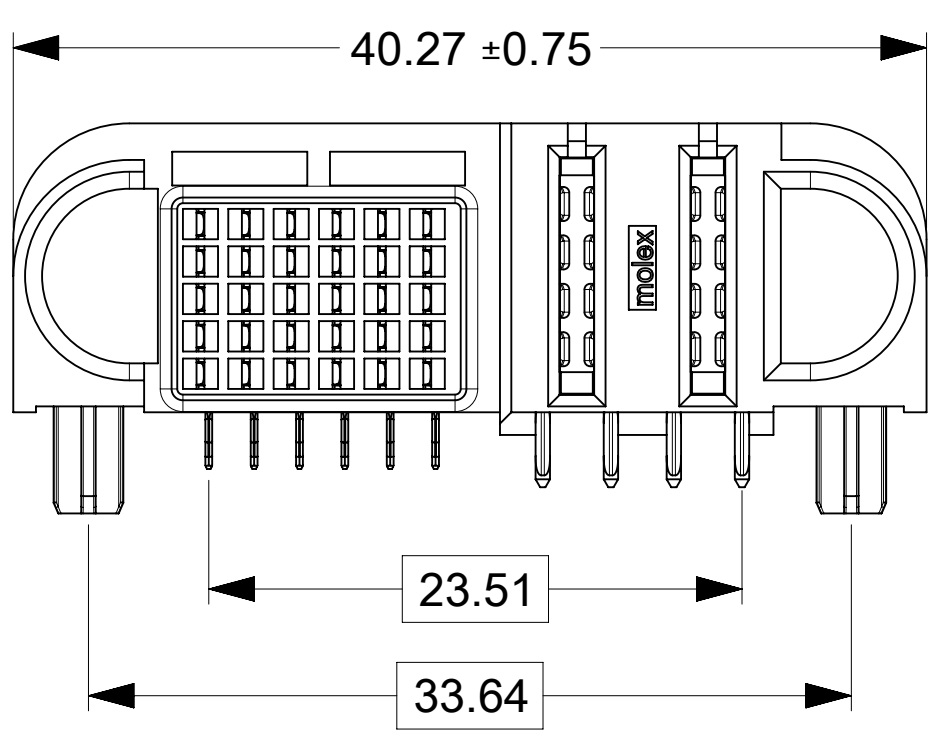
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0015 | G+5P+15S+G | 75 |



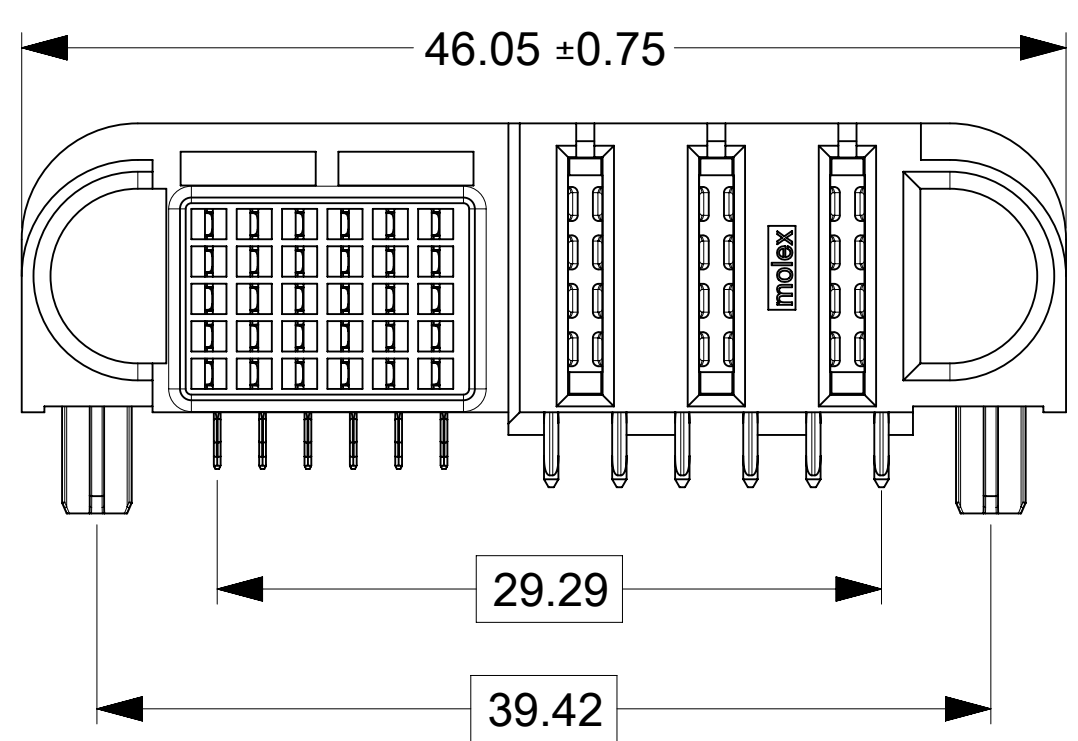
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0016 | G+1P+30S+G | 105 |



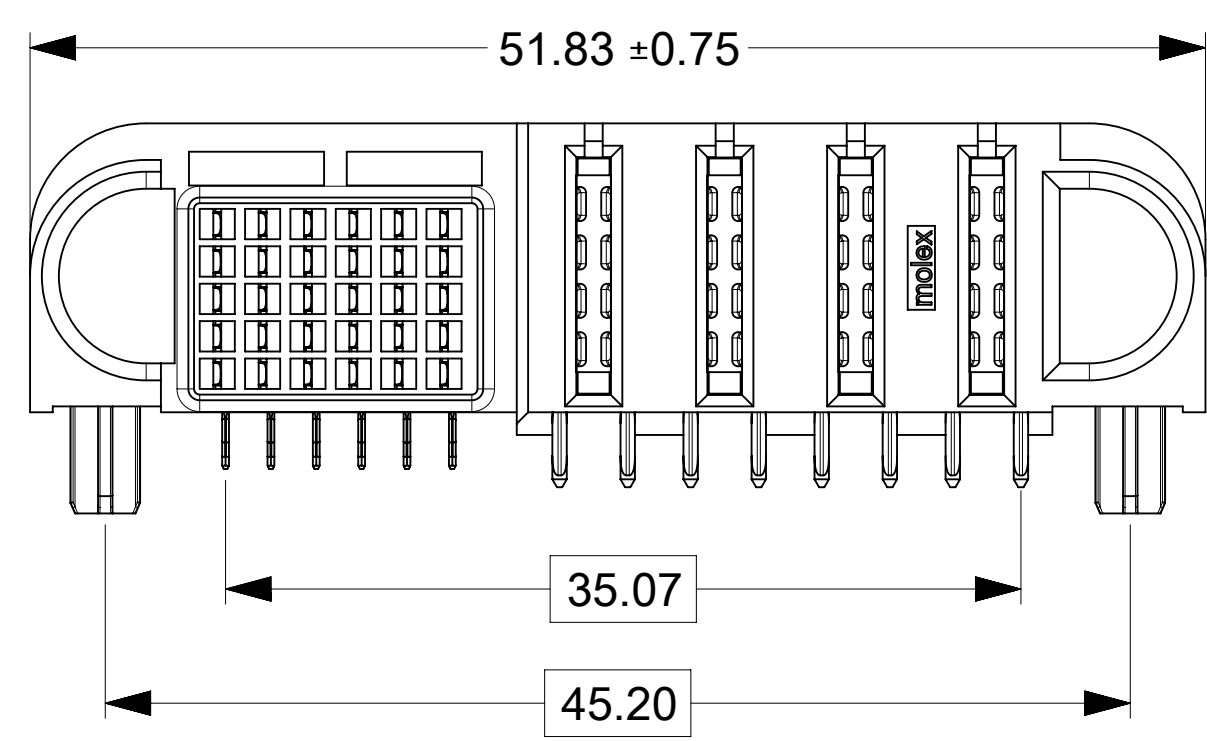
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|-------------|---------------|--------------------------|
| 219564-0017 | G+2P+30S+G | 90 |



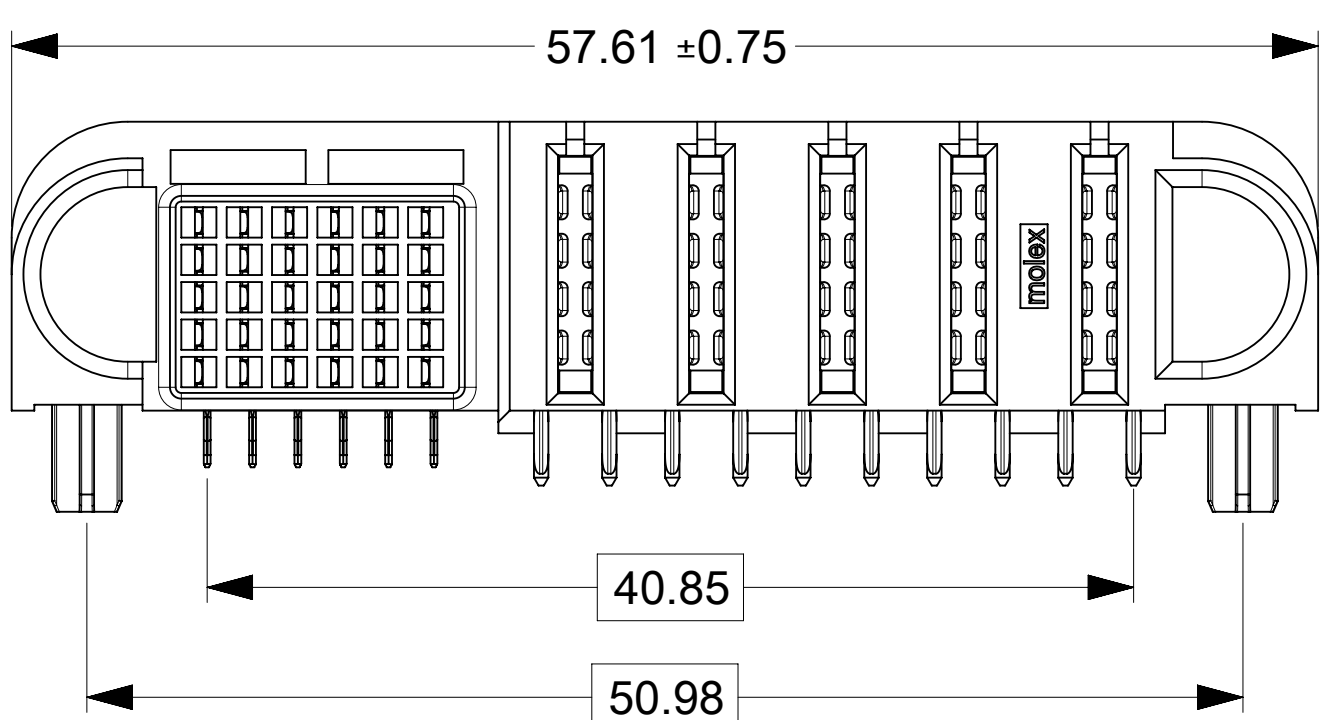
| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0018 | G+3P+30S+G | 75 |



| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0019 | G+4P+30S+G | 75 |



| PART NUMBER | CONFIGURATION | QUANTITY PER CARTON (DU) |
|-------------|---------------|--------------------------|
| 219564-0020 | G+5P+30S+G | 60 |



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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 | 219564 |
| EC NO: 745288 | | DRWN: LZABJANOVSKI 2023/03/24 |
| CHK'D: JAYK1 2023/04/10 | | APPR: JAYK1 2023/04/10 |
| INITIAL REVISION: | | DRWN: LZABJANOVSKI 2022/04/01 |
| APPR: BPISZCZOR 2022/08/04 | | |
| DOCUMENT NUMBER | DOC TYPE | DOC PART |
| 2195649001-SD | PSD | 000 |
| MATERIAL NUMBER | CUSTOMER | REVISION |
| SEE CHART | | A3 |
| SHEET NUMBER | | |
| 2 OF 2 | | |