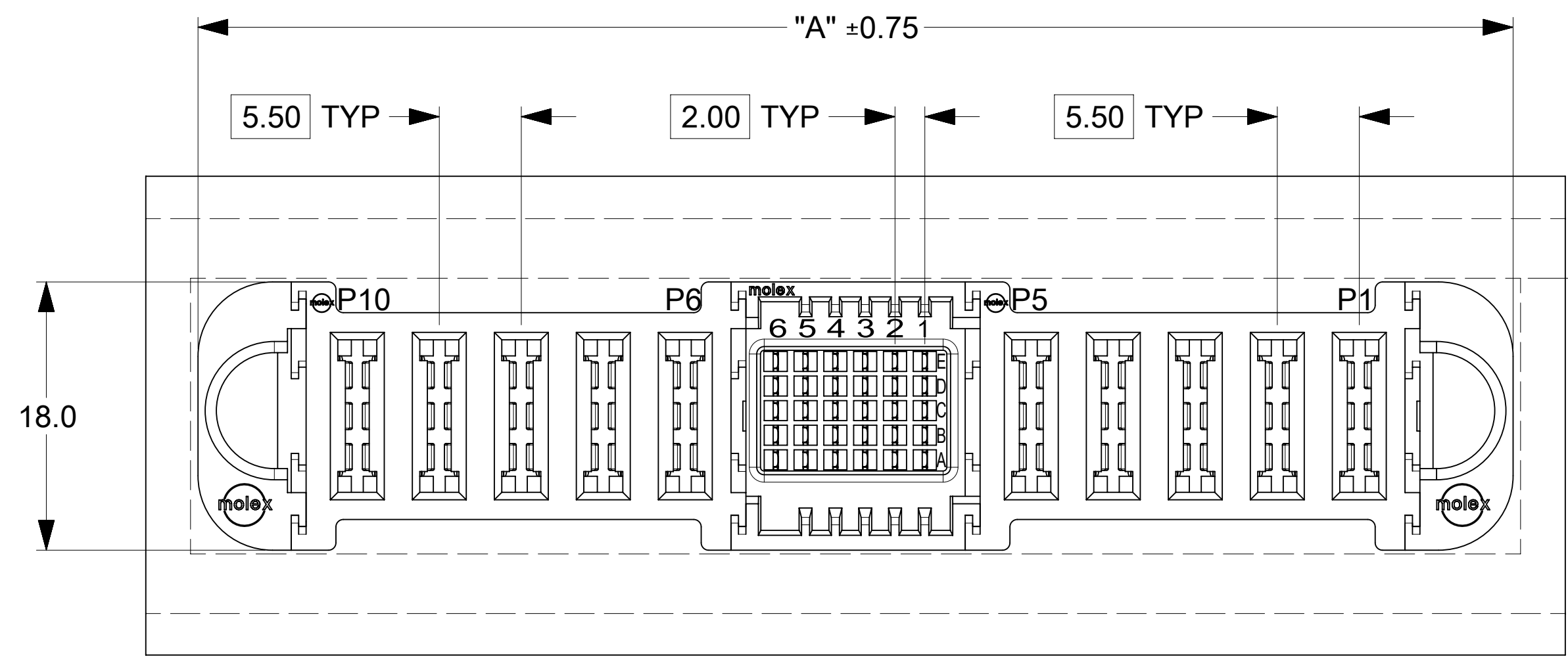
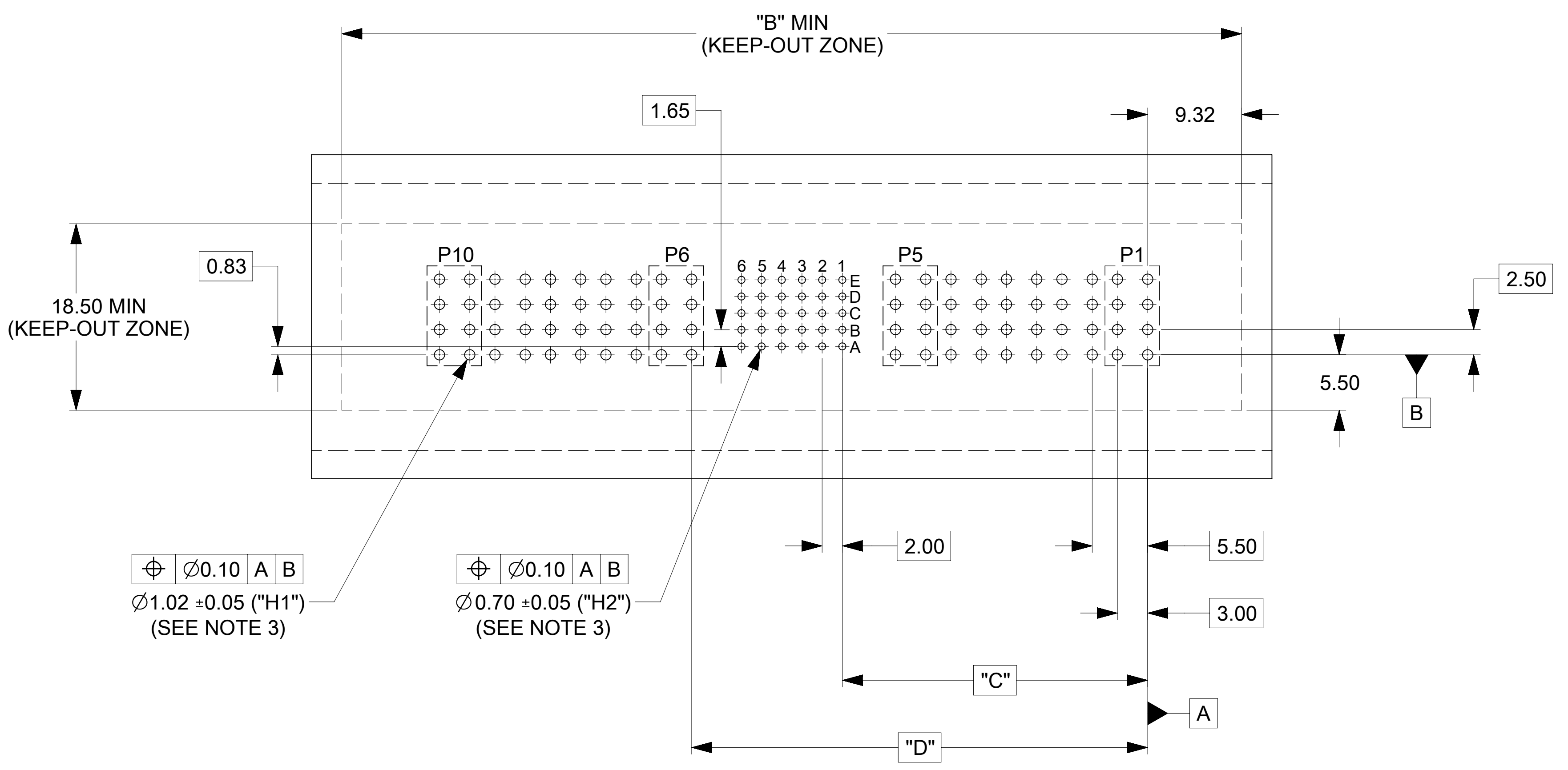
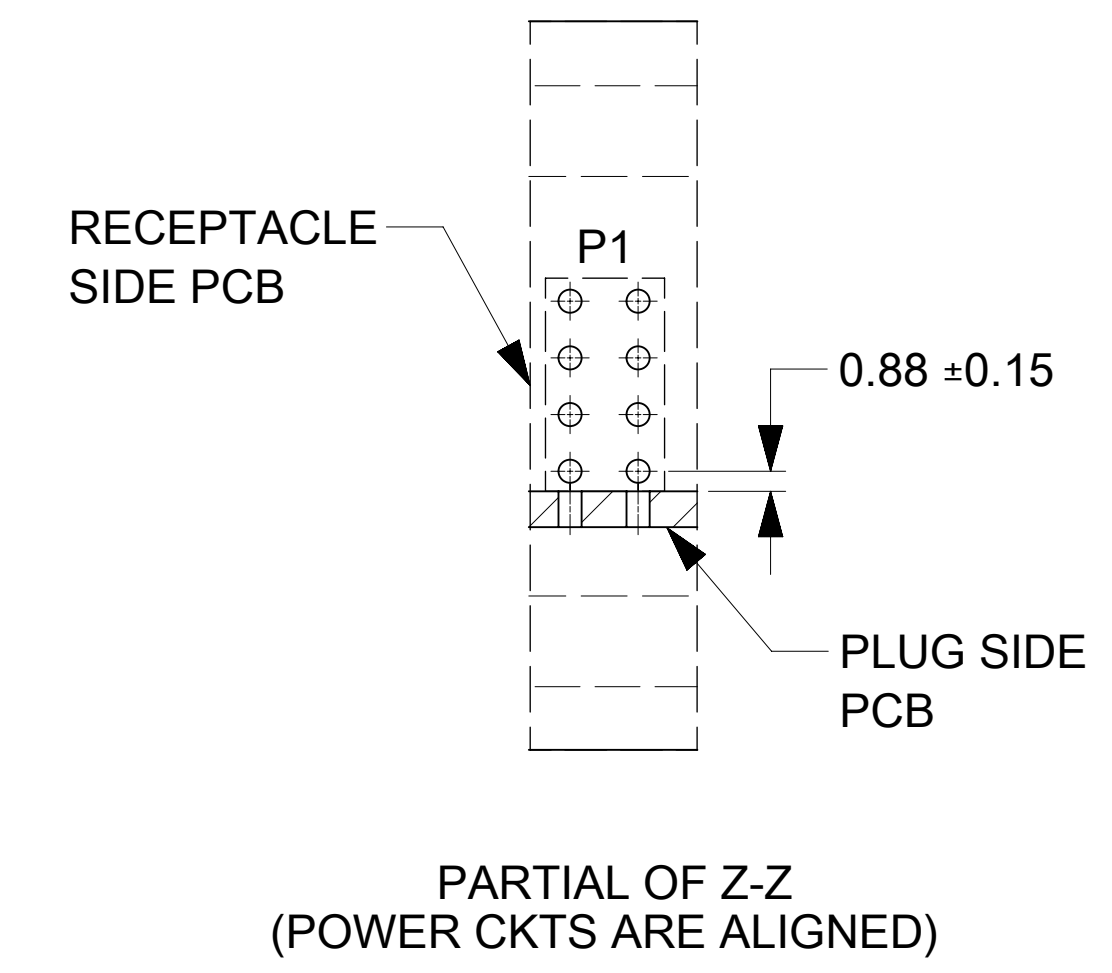
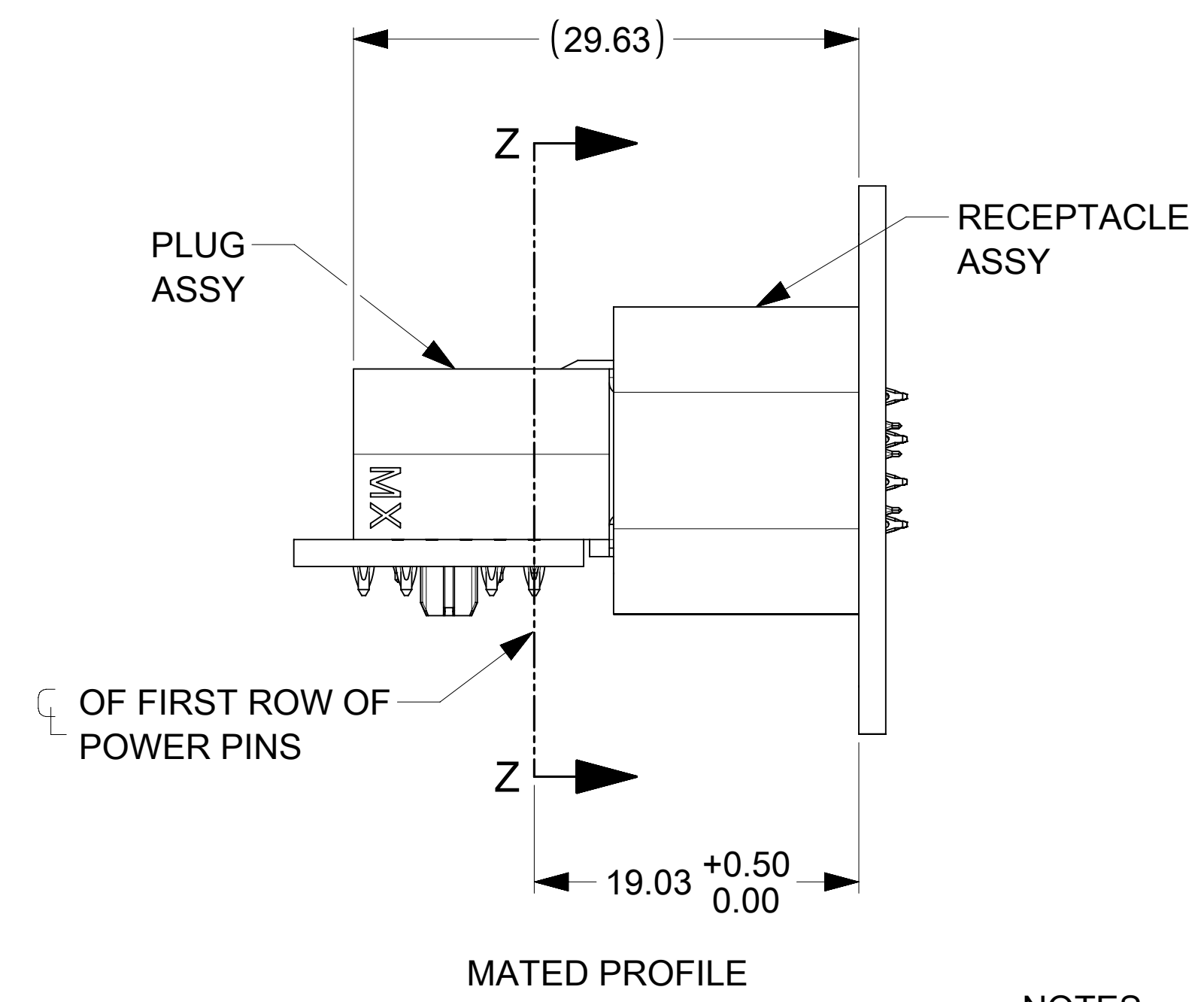


P/N : 46562-9330 (G-5P-30S-5P-G)



ALLOW EXTRA SPACE
4.00 MM PER SIDE
(REQUIRED FOR RE-WORK PER AS-46436-100)



- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR: BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 465621001-PK
 - PLATED THRU HOLE SIZE, REFER TO PS-46436-100 FOR DETAILS
 - PRODUCT SPEC: PS-46436-100
 - APPLICATION SPEC: AS-46436-100
 - PRODUCT TO MEET RoHS REQUIREMENTS
 - ASSEMBLY MATES TO MOLEX PLUG ASSEMBLY P/N 46437-**** (SEE TABLE IN SHEET 2)
 - TAIL DESIGN: COMPLIANT PINS
 - POWER AND SIGNAL CONTACTS ARE LUBRICATED.
 - MOLEX LOGO TO BE LOCATED APPROXIMATELY AS SHOWN.

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1P TO 5P)-30S-(1P TO 5P)-G

| | | | | | | | | | |
|---|--------|---|--|--------------|--|---------------------|--|----------------|--|
| 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: ADDED ISOMETRIC VIEWS | | | | | | | |
| mm | 3:1 | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL | ± 0.5° | | | | | | | | |
| 4 PLACES | ± | EC NO: 689821 | | | | | | | |
| 3 PLACES | ± | DRWN: HARSHG 2021/12/13 | | | | | | | |
| 2 PLACES | ± 0.13 | CHK'D: GJEEVANSURES 2021/12/22 | | | | | | | |
| 1 PLACE | ± 0.25 | APPR: HTHYAGARAJ 2022/02/14 | | | | | | | |
| 0 PLACES | ± | INITIAL REVISION: | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | |
| | | D-SIZE | | 46562 | | SEE TABLE | | GENERAL MARKET | |
| DOCUMENT STATUS | | P1 | | RELEASE DATE | | 2022/02/14 09:02:13 | | | |
| | | | | | | | | | |

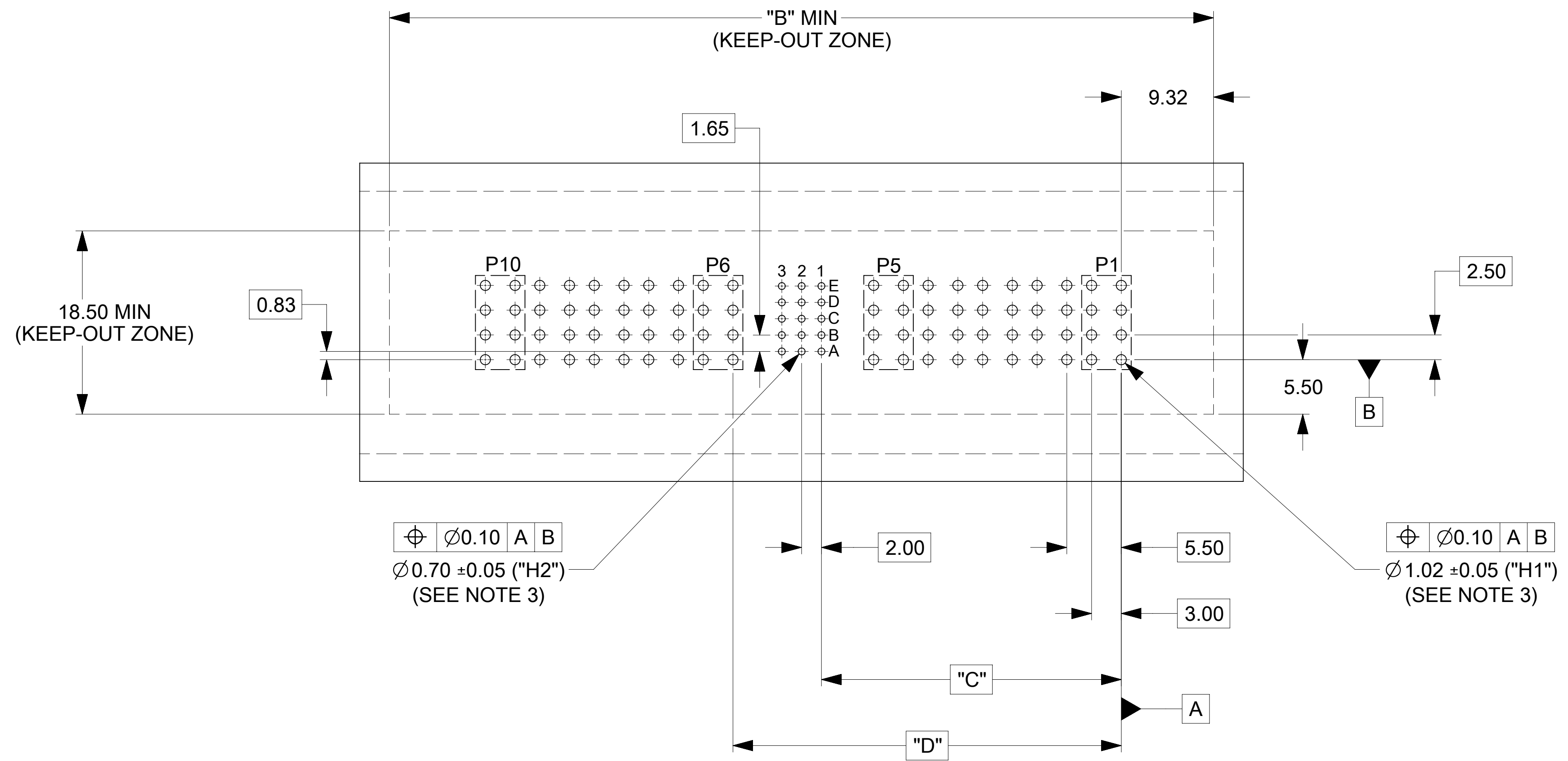


G-*P-*S-*P-G
VERT RECEPTACLE ASSY - TEN60 POWER FAMILY

PRODUCT CUSTOMER DRAWING

| | | | |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| 465629330 | PSD | 000 | A1 |

| | | |
|-----------------|----------------|--------------|
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER |
| SEE TABLE | GENERAL MARKET | 1 OF 4 |



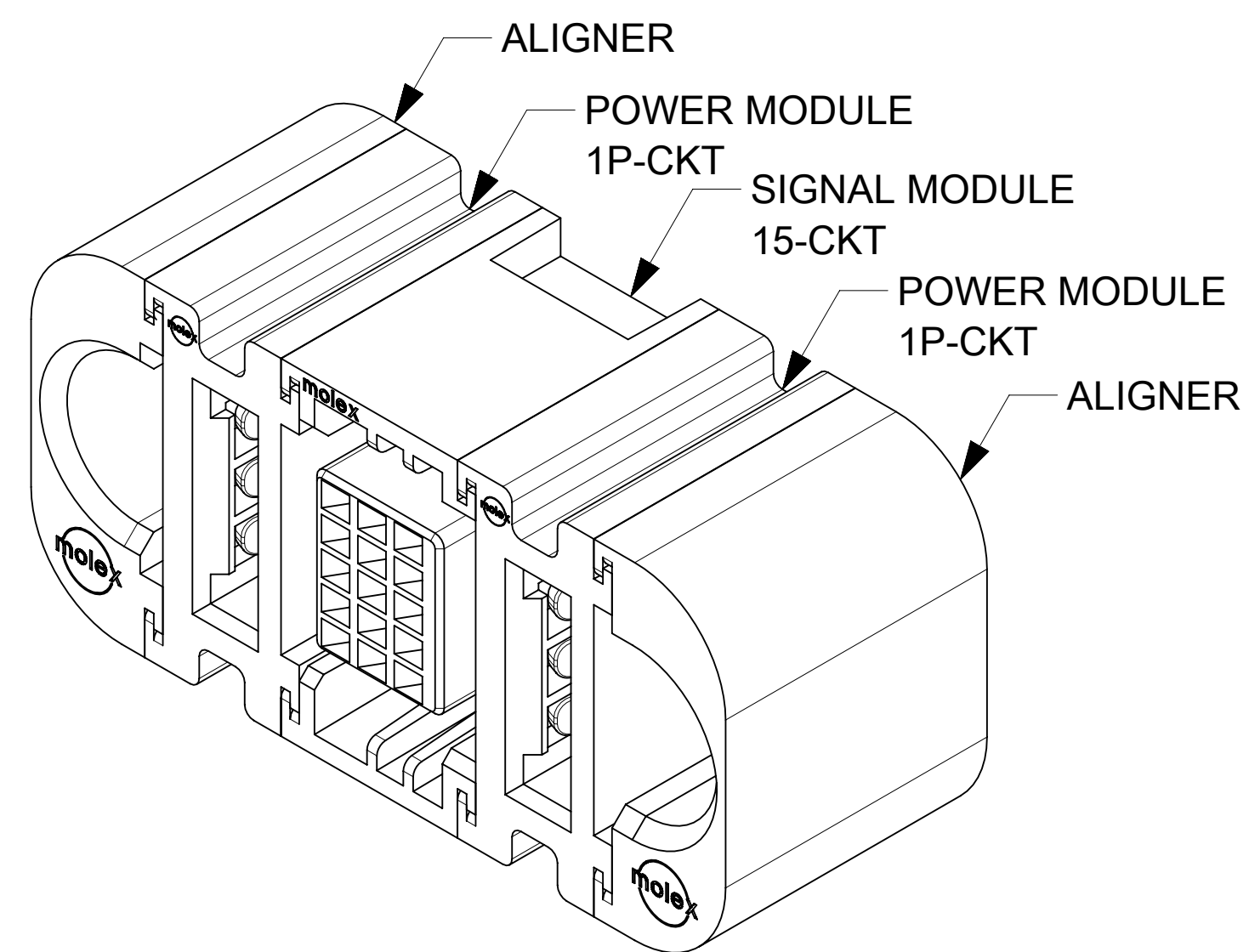
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1P TO 5P)-15S-(1P TO 5P)-G

REFER TO BELOW TABLE FOR DIMENSIONS.

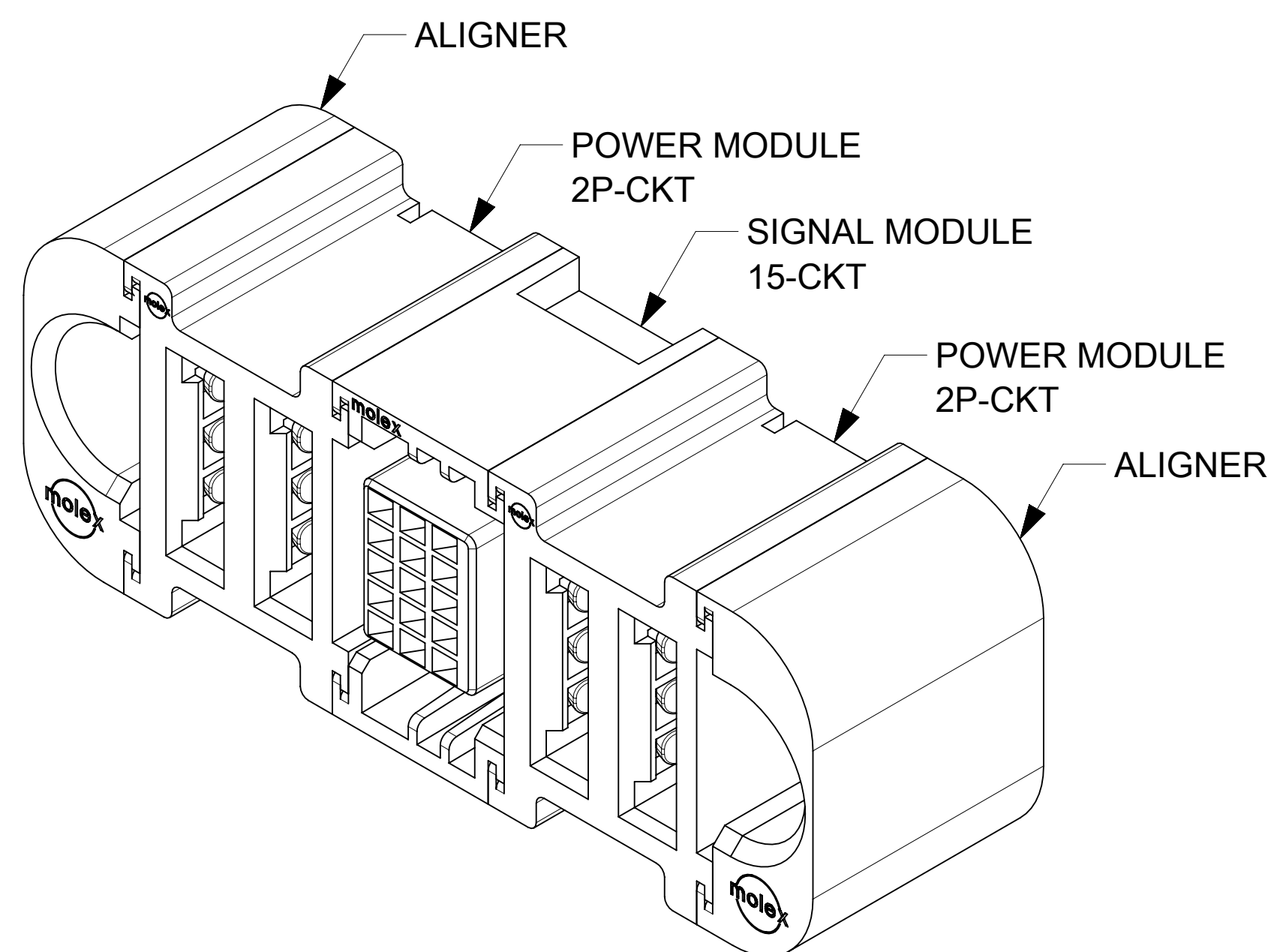
| FG P/N | CONFIGURATION | POWER CKT SIZE | SIGNAL CKT SIZE | DIM "A" (IN MM) | DIM "B" (IN MM) | DIM "C" (IN MM) | DIM "D" (IN MM) | HOLES COUNT "H1" | HOLES COUNT "H2" | MATES WITH R/A PLUG ASSY P/N |
|-----------|---------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------------------|
| 465629321 | G-1P-15S-1P-G | 1 | 15 | 38.21 | 39.21 | 8.28 | 17.21 | 16 | 15 | 464379321 |
| 465629322 | G-2P-15S-2P-G | 2 | 15 | 49.21 | 50.21 | 13.78 | 22.71 | 32 | 15 | 464379322 |
| 465629323 | G-3P-15S-3P-G | 3 | 15 | 60.21 | 61.21 | 19.28 | 28.21 | 48 | 15 | 464379323 |
| 465629324 | G-4P-15S-4P-G | 4 | 15 | 71.21 | 72.21 | 24.78 | 33.71 | 64 | 15 | 464379324 |
| 465629325 | G-5P-15S-5P-G | 5 | 15 | 82.21 | 83.21 | 30.28 | 39.21 | 80 | 15 | 464379325 |
| 465629326 | G-1P-30S-1P-G | 1 | 30 | 44.21 | 45.21 | 8.28 | 23.21 | 16 | 30 | 464379326 |
| 465629327 | G-2P-30S-2P-G | 2 | 30 | 55.21 | 56.21 | 13.78 | 28.71 | 32 | 30 | 464379327 |
| 465629328 | G-3P-30S-3P-G | 3 | 30 | 66.21 | 67.21 | 19.28 | 34.21 | 48 | 30 | 464379328 |
| 465629329 | G-4P-30S-4P-G | 4 | 30 | 77.21 | 78.21 | 24.78 | 39.71 | 64 | 30 | 464379329 |
| 465629330 | G-5P-30S-5P-G | 5 | 30 | 88.21 | 89.21 | 30.28 | 45.21 | 80 | 30 | 464379330 |

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

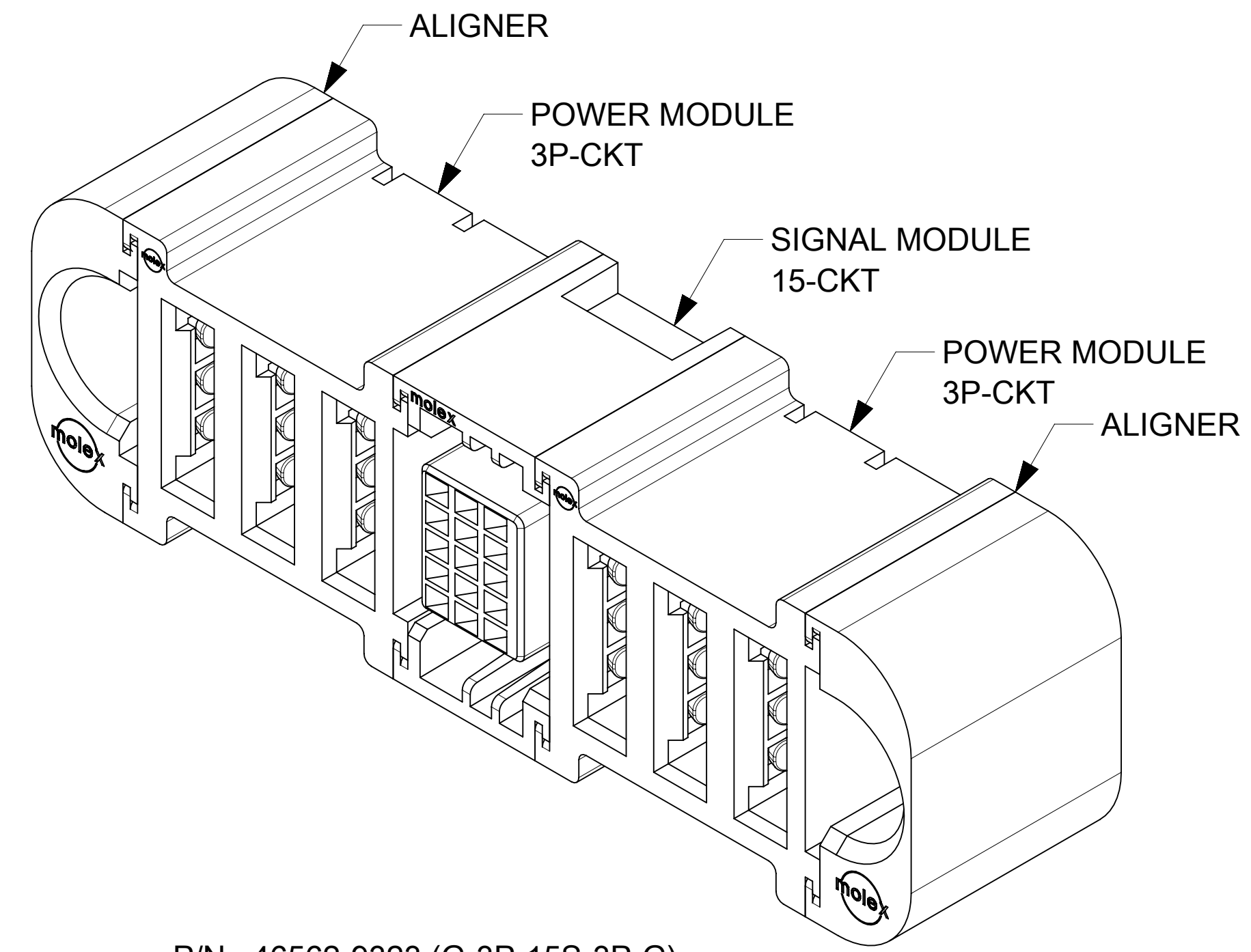
| | | | |
|--|---------------------|---|------------------|
| DIMENSION UNITS mm | SCALE 3:1 | CURRENT REV DESC: ADDED ISOMETRIC VIEWS | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: 689821 | |
| ANGULAR TOL | ± 0.5° | DRWN: HARSHG | 2021/12/13 |
| 4 PLACES | ± | CHK'D: GJEEVANSURES | 2021/12/22 |
| 3 PLACES | ± | APPR: HTHYAGARAJ | 2022/02/14 |
| 2 PLACES | ± 0.13 | INITIAL REVISION: | |
| 1 PLACE | ± 0.25 | DRWN: KSUTAR | 2021/08/17 |
| 0 PLACES | ± | APPR: HTHYAGARAJ | 2021/10/21 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING |
| | | | D-SIZE |
| | | SERIES | 46562 |
| | | MATERIAL NUMBER | SEE TABLE |
| | | CUSTOMER | GENERAL MARKET |
| | | DOCUMENT NUMBER | 465629330 |
| | | DOC TYPE | PSD |
| | | DOC PART | 000 |
| | | REVISION | A1 |
| | | SHEET NUMBER | 2 OF 4 |



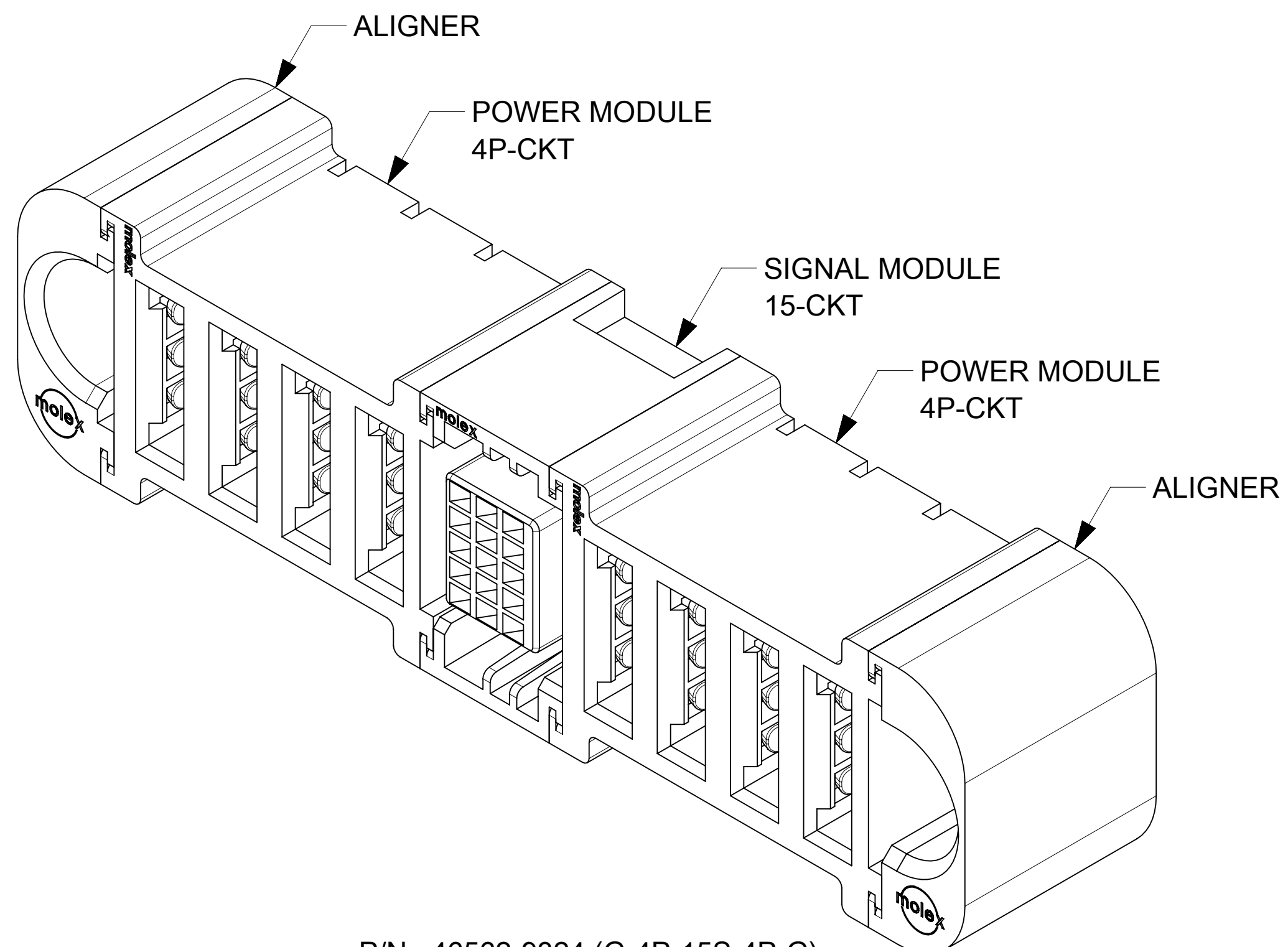
P/N : 46562-9321 (G-1P-15S-1P-G)



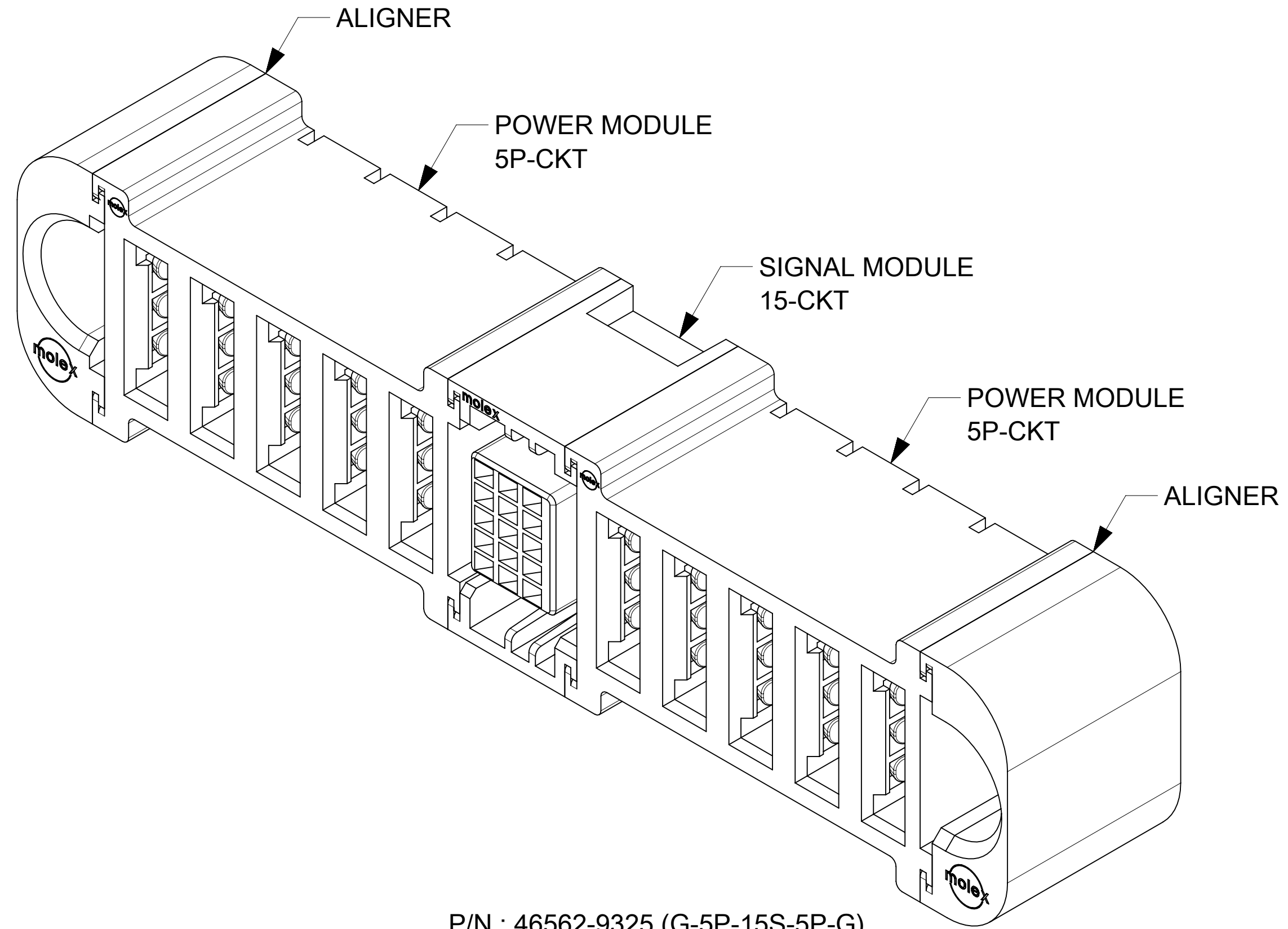
P/N : 46562-9322 (G-2P-15S-2P-G)



P/N : 46562-9323 (G-3P-15S-3P-G)

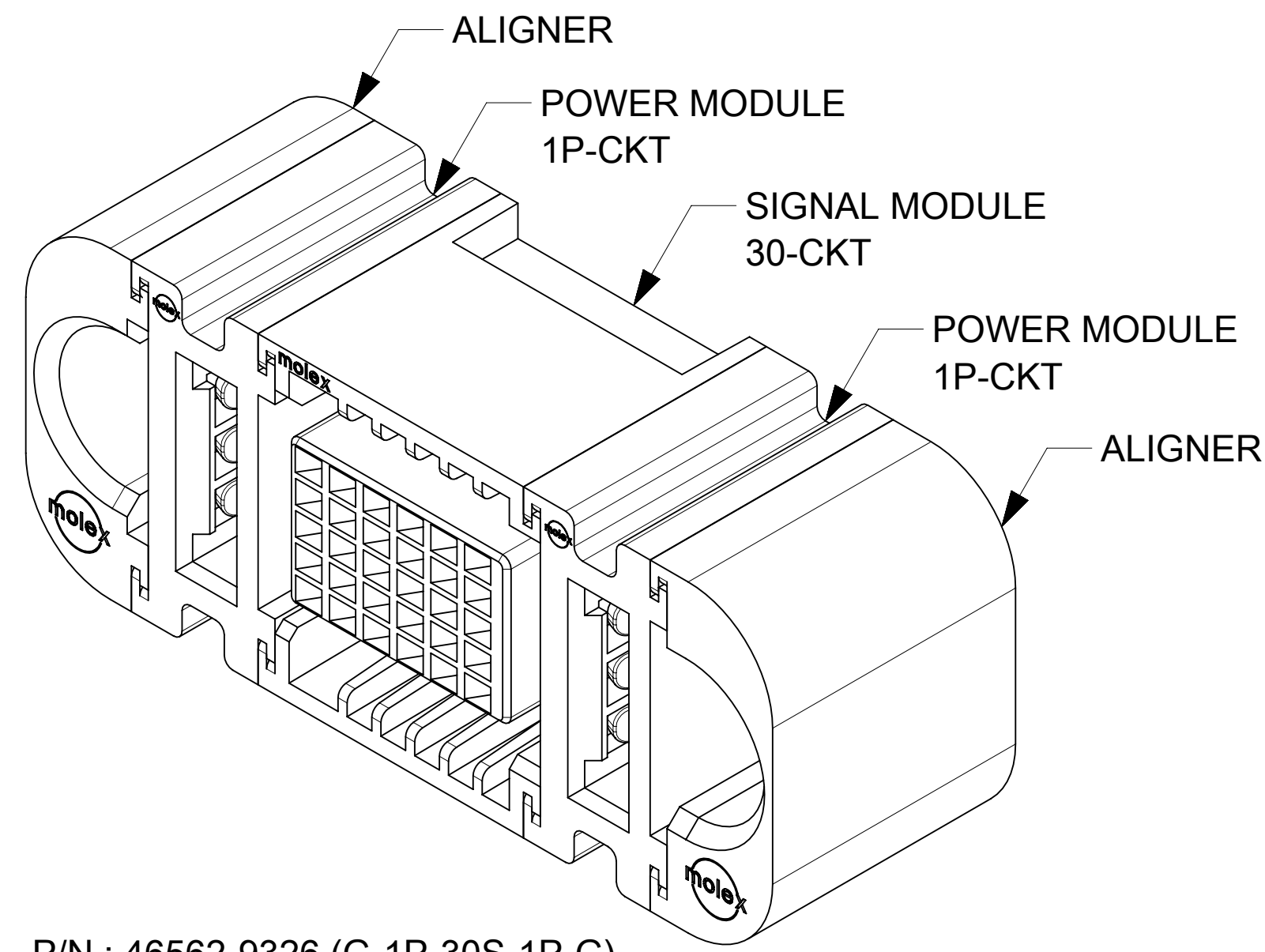


P/N : 46562-9324 (G-4P-15S-4P-G)

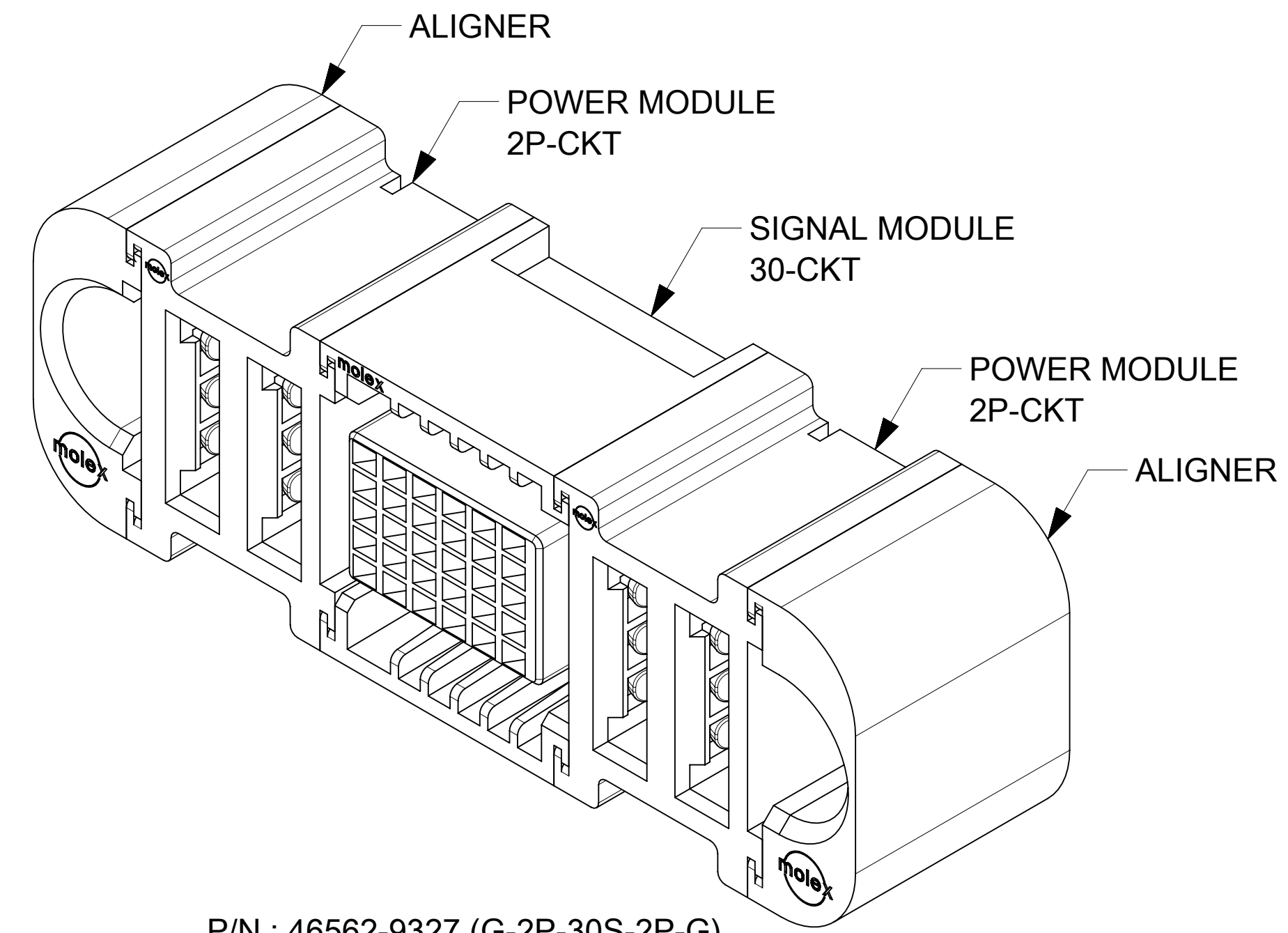


P/N : 46562-9325 (G-5P-15S-5P-G)

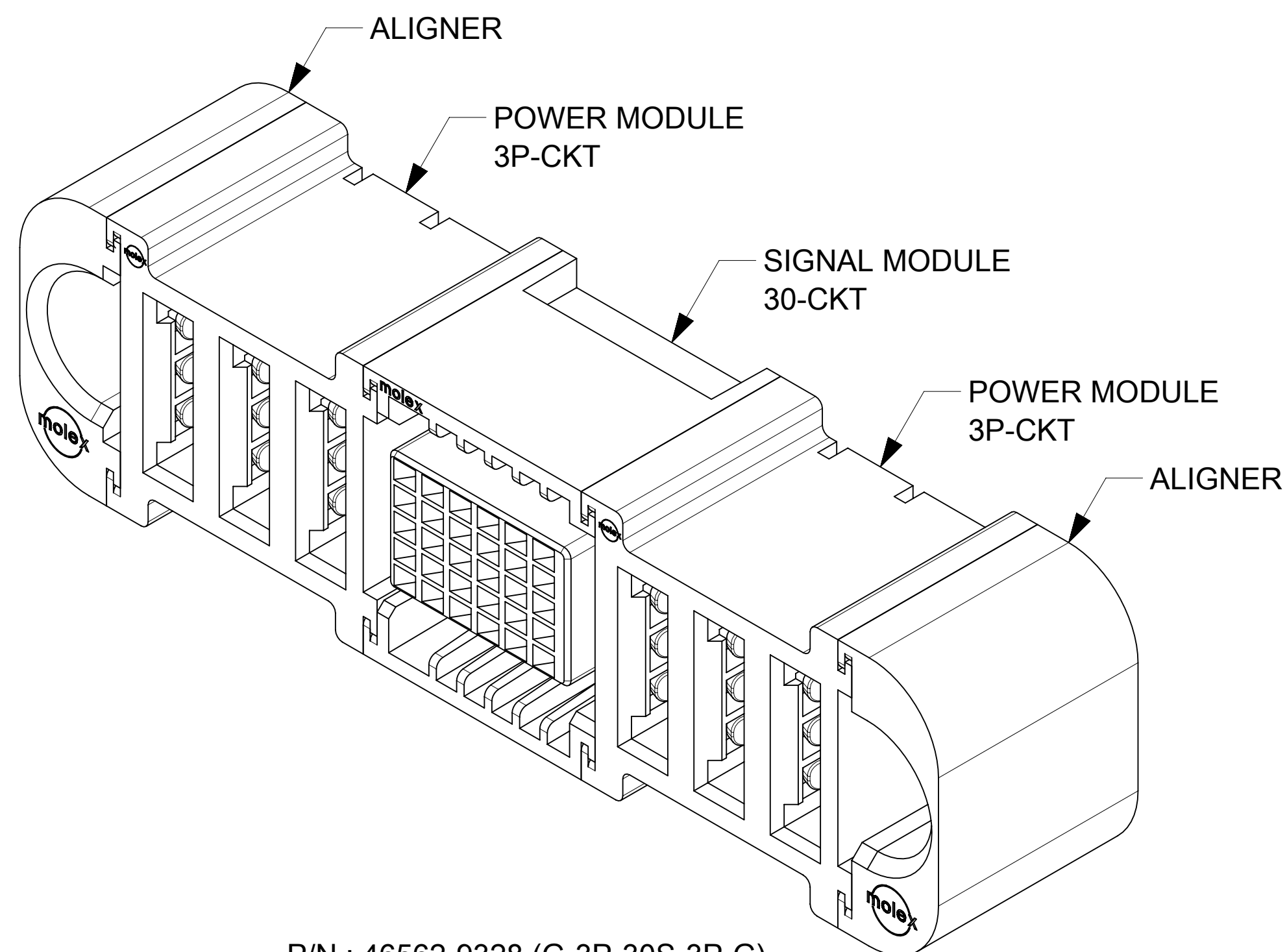
| | | | | | | | | | |
|---|--------|---|------------|--|-----------------|--|----------------|----------|--------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | SCALE | CURRENT REV DESC: ADDED ISOMETRIC VIEWS | | | | | | | |
| mm | 4:1 | <div style="text-align: center;">molex</div> <p>G-*P-*S-*P-G VERT RECEPTACLE ASSY - TEN60 POWER FAMILY</p> <p>PRODUCT CUSTOMER DRAWING</p> | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| ANGULAR TOL | ± 0.5° | | | | | | | | |
| 4 PLACES | ± | | | | | | | | |
| 3 PLACES | ± | | | | | | | | |
| 2 PLACES | ± 0.13 | EC NO: 689821 | 2021/12/13 | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| 1 PLACE | ± 0.25 | DRWN: HARSHG | 2021/12/22 | | 465629330 | | PSD | 000 | A1 |
| 0 PLACES | ± | CHK'D: GJEEVANSURES | 2022/02/14 | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPR: HTHYAGARAJ | 2021/08/17 | | 46562 | | GENERAL MARKET | | 3 OF 4 |
| | | INITIAL REVISION: | 2021/10/21 | | | | | | |
| | | DRWN: KSUTAR | 2021/10/21 | | | | | | |
| | | APPR: HTHYAGARAJ | | | | | | | |
| | | THIRD ANGLE PROJECTION | DRAWING | | SERIES | | | | |
| | | | D-SIZE | | 46562 | | | | |



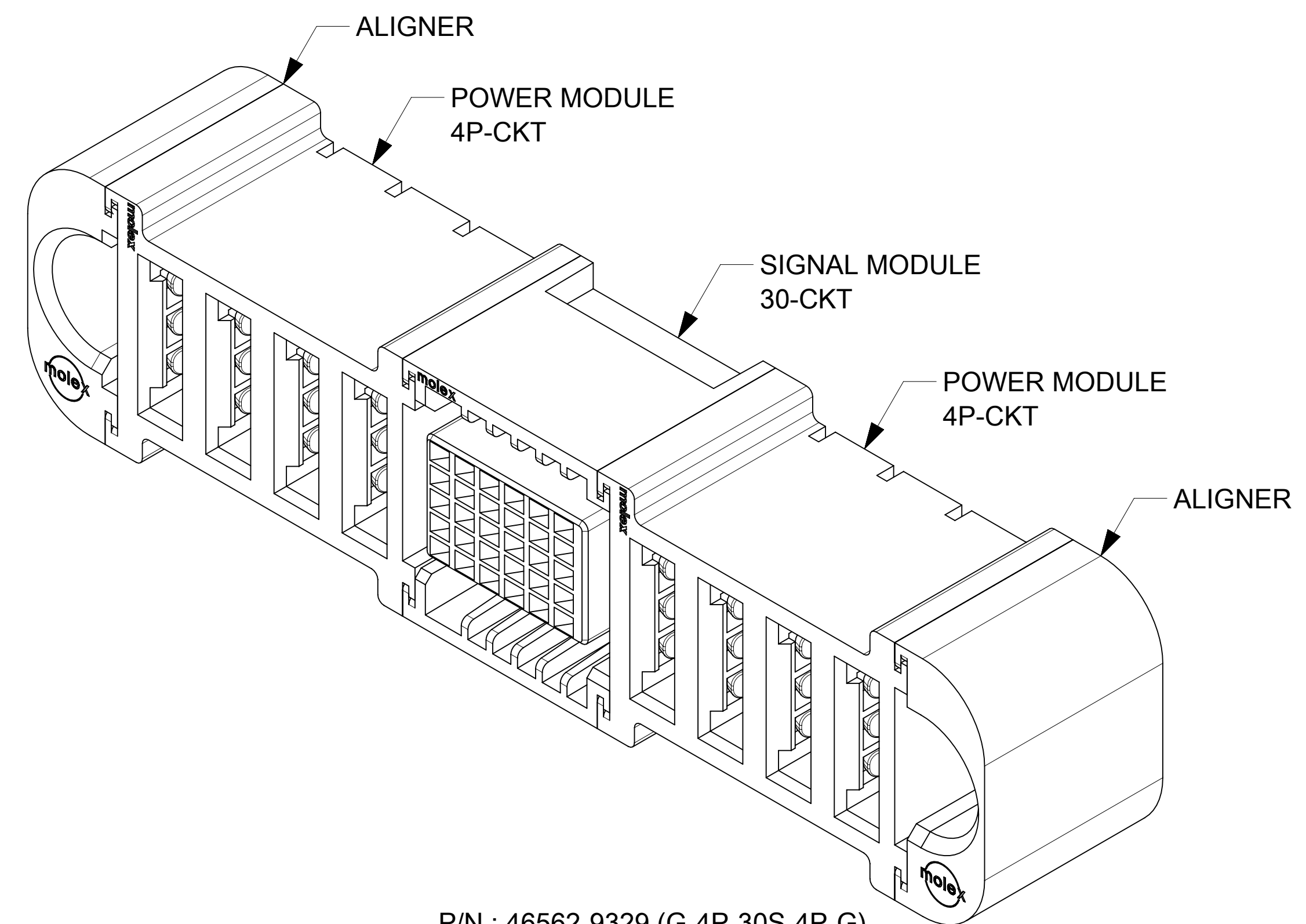
P/N : 46562-9326 (G-1P-30S-1P-G)



P/N : 46562-9327 (G-2P-30S-2P-G)



P/N : 46562-9328 (G-3P-30S-3P-G)



P/N : 46562-9329 (G-4P-30S-4P-G)

| | | | | | | | | | | | | |
|---|--|-------|--|---|--|------------|--|---|--|----------------|----------|--------------|
| 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: ADDED ISOMETRIC VIEWS | | | | | | | | |
| mm | | 4:1 | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 689821 | | | | | | | | |
| ANGULAR TOL ± 0.5° | | | | DRWN: HARSHG | | 2021/12/13 | | G-*P-*S-*P-G | | | | |
| 4 PLACES ± | | | | CHK'D: GJEEVANSURES | | 2021/12/22 | | VERT RECEPTACLE ASSY - TEN60 POWER FAMILY | | | | |
| 3 PLACES ± | | | | APPR: HTHYAGARAJ | | 2022/02/14 | | PRODUCT CUSTOMER DRAWING | | | | |
| 2 PLACES ± 0.13 | | | | INITIAL REVISION: | | | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| 1 PLACE ± 0.25 | | | | DRWN: KSUTAR | | 2021/08/17 | | 465629330 | | PSD | 000 | A1 |
| 0 PLACES ± | | | | APPR: HTHYAGARAJ | | 2021/10/21 | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | GENERAL MARKET | | 4 OF 4 |
| | | | | | | D-SIZE | | 46562 | | SEE TABLE | | |