

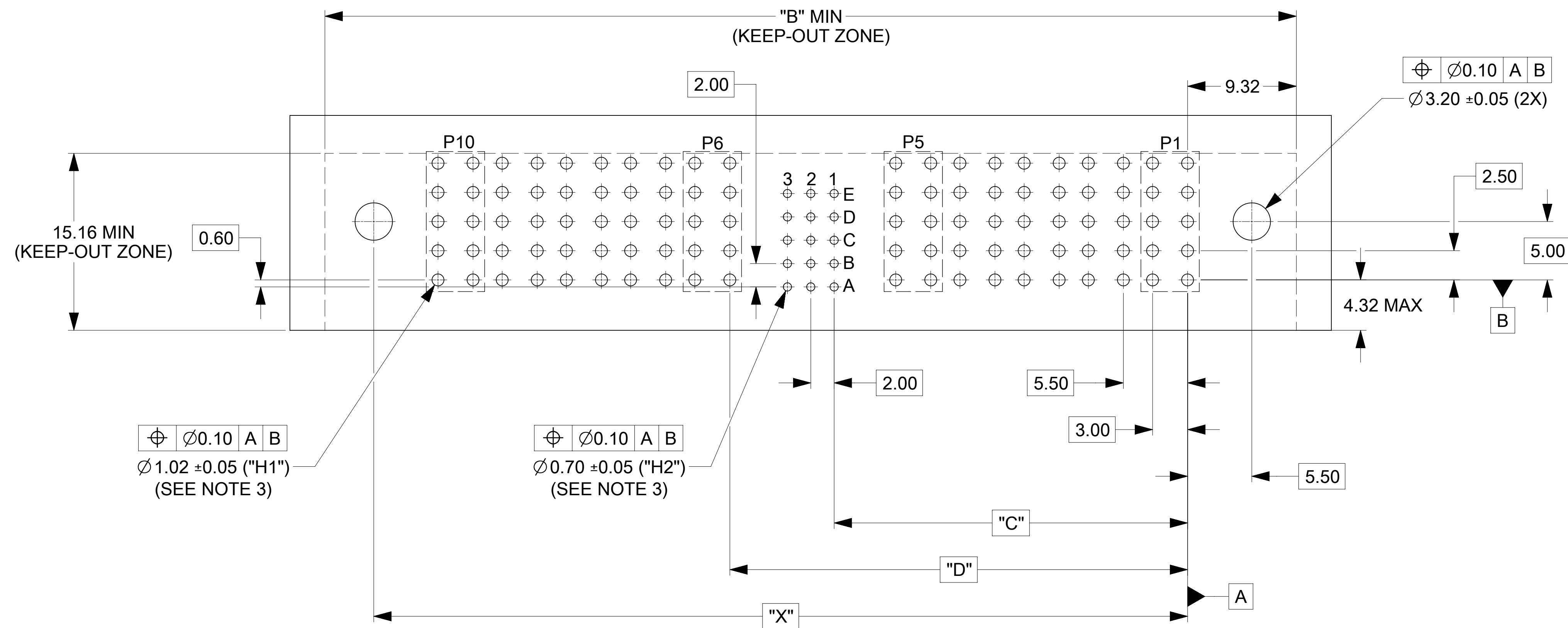
NOTES:

- 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: 464361001-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 TAILS
- POWER AND SIGNAL CONTACTS ARE LUBRICATED.**
- MOLEX LOGO TO BE LOCATED APPROXIMATELY AS SHOWN.**

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) | | | | G-*P-*S-*P-G R/A RECEP ASSY - TEN60 POWER FAMILY | | | | |
| ANGULAR TOL ± 0.5° | | | | PRODUCT CUSTOMER DRAWING | | | | |
| 4 PLACES ± | | EC NO: 689821 | | DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| 3 PLACES ± | | DRWN: HARSHG | 2021/12/13 | 464369330 | | PSD | 000 | A1 |
| 2 PLACES ± 0.13 | | CHK'D: GJEEVANSURES | 2021/12/22 | INITIAL REVISION: | | | | |
| 1 PLACE ± 0.25 | | APPR: HTHYAGARAJ | 2022/02/14 | DRWN: KSUTAR | | | | |
| 0 PLACES ± | | | | APPR: HTHYAGARAJ | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | |
| | | | D-SIZE | 46436 | SEE TABLE | GENERAL MARKET | 1 OF 4 | |

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



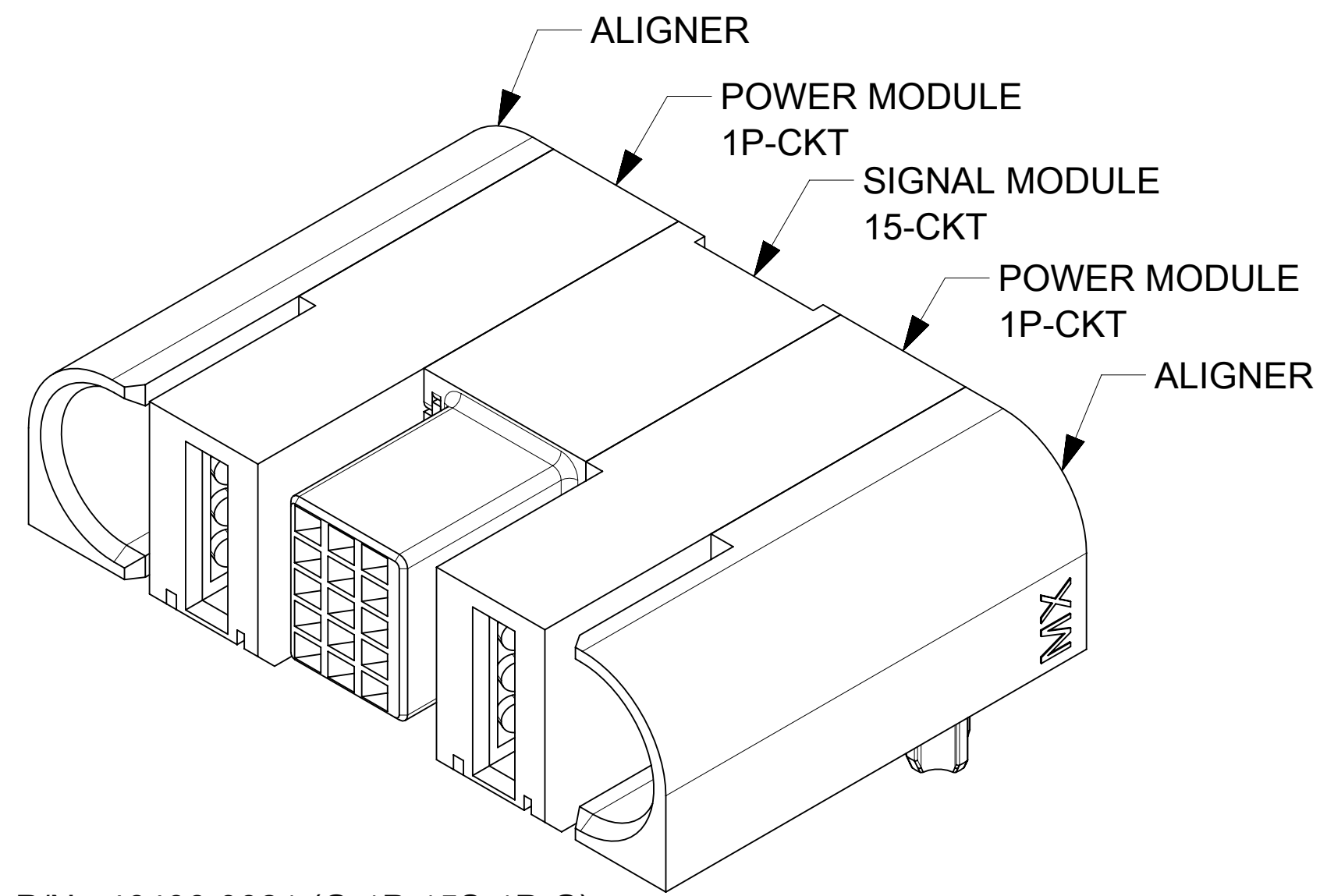
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1P TO 5P)-15S-(1P TO 5P)-G

REFER TO BELOW TABLE FOR DIMENSIONS.

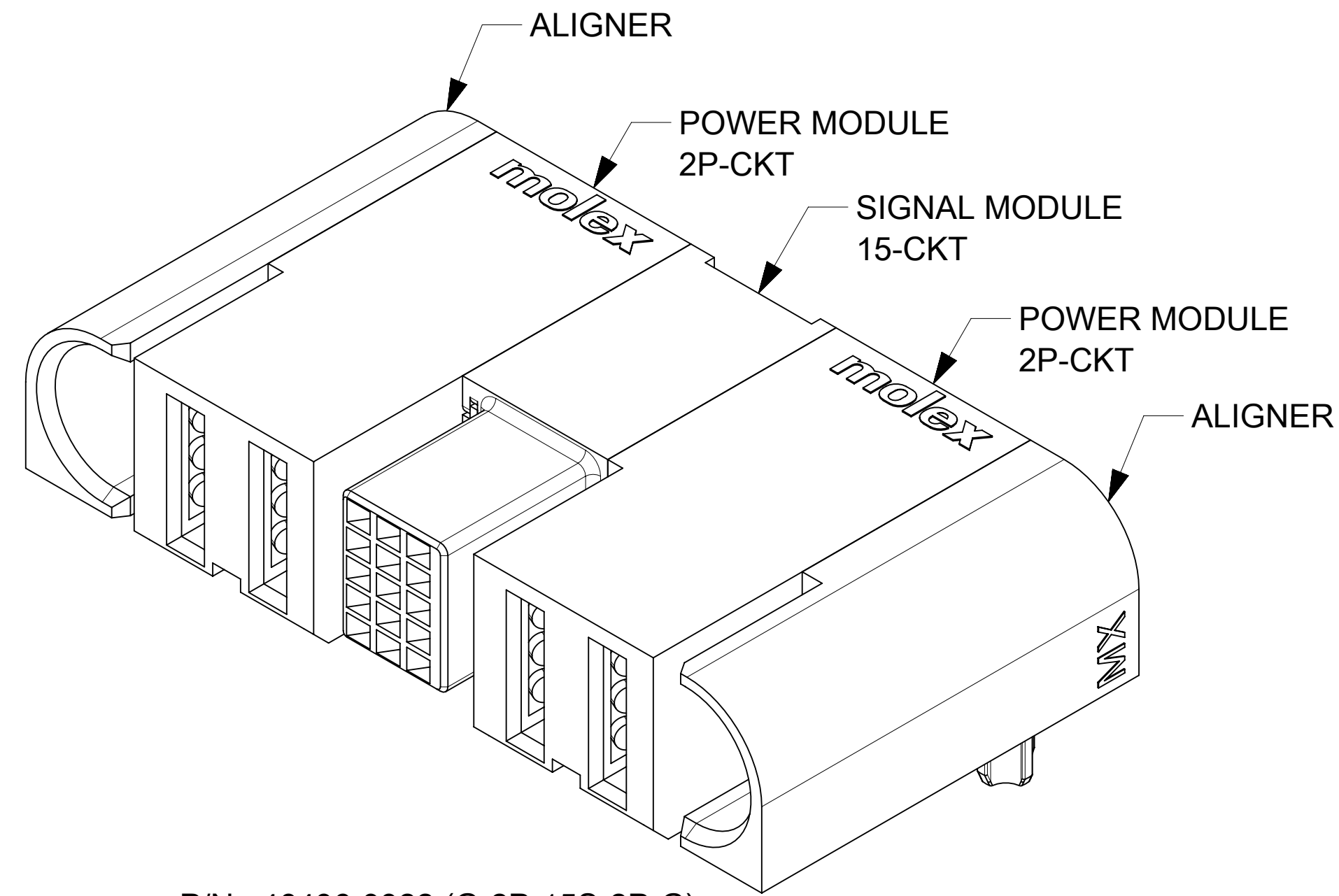
| FG P/N | CONFIGURATION | POWER CKT SIZE | SIGNAL CKT SIZE | DIM "A" (IN MM) | DIM "B" (IN MM) | DIM "C" (IN MM) | DIM "D" (IN MM) | DIM "X" (IN MM) | HOLES COUNT "H1" | HOLES COUNT "H2" | MATES WITH R/A PLUG ASSY P/N |
|-----------|---------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------------------|
| 464369321 | G-1P-15S-1P-G | 1 | 15 | 38.21 | 39.21 | 8.28 | 17.21 | 25.71 | 20 | 15 | 464379321 |
| 464369322 | G-2P-15S-2P-G | 2 | 15 | 49.21 | 50.21 | 13.78 | 22.71 | 36.71 | 40 | 15 | 464379322 |
| 464369323 | G-3P-15S-3P-G | 3 | 15 | 60.21 | 61.21 | 19.28 | 28.21 | 47.71 | 60 | 15 | 464379323 |
| 464369324 | G-4P-15S-4P-G | 4 | 15 | 71.21 | 72.21 | 24.78 | 33.71 | 58.71 | 80 | 15 | 464379324 |
| 464369325 | G-5P-15S-5P-G | 5 | 15 | 82.21 | 83.21 | 30.28 | 39.21 | 69.71 | 100 | 15 | 464379325 |
| 464369326 | G-1P-30S-1P-G | 1 | 30 | 44.21 | 45.21 | 8.28 | 23.21 | 31.71 | 20 | 30 | 464379326 |
| 464369327 | G-2P-30S-2P-G | 2 | 30 | 55.21 | 56.21 | 13.78 | 28.71 | 42.71 | 40 | 30 | 464379327 |
| 464369328 | G-3P-30S-3P-G | 3 | 30 | 66.21 | 67.21 | 19.28 | 34.21 | 53.71 | 60 | 30 | 464379328 |
| 464369329 | G-4P-30S-4P-G | 4 | 30 | 77.21 | 78.21 | 24.78 | 39.71 | 64.71 | 80 | 30 | 464379329 |
| 464369330 | G-5P-30S-5P-G | 5 | 30 | 88.21 | 89.21 | 30.28 | 45.21 | 75.71 | 100 | 30 | 464379330 |

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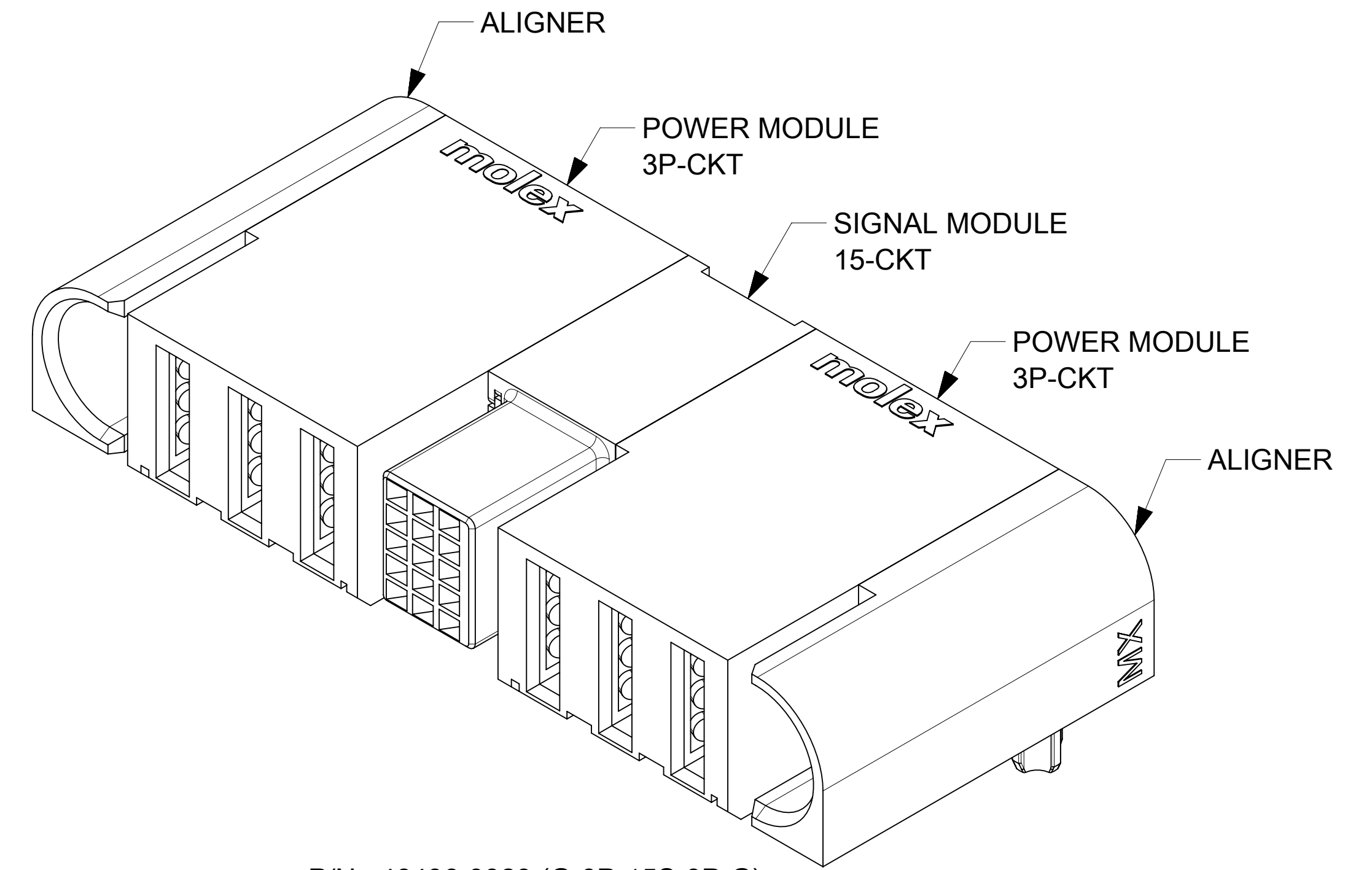
| | | | |
|--|---------------------|---|------------------|
| DIMENSION UNITS mm | SCALE 4:1 | CURRENT REV DESC: ADDED ISOMETRIC VIEWS | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: 689821 | |
| ANGULAR TOL ± 0.5° | | DRWN: HARSHG 2021/12/13 | |
| 4 PLACES ± | | CHK'D: GJEEVANSURES 2021/12/22 | |
| 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 | 46436 |
| | | MATERIAL NUMBER | SEE TABLE |
| | | CUSTOMER | GENERAL MARKET |
| | | DOCUMENT NUMBER | 464369330 |
| | | DOC TYPE | PSD |
| | | DOC PART | 000 |
| | | REVISION | A1 |
| | | SHEET NUMBER | 2 OF 4 |



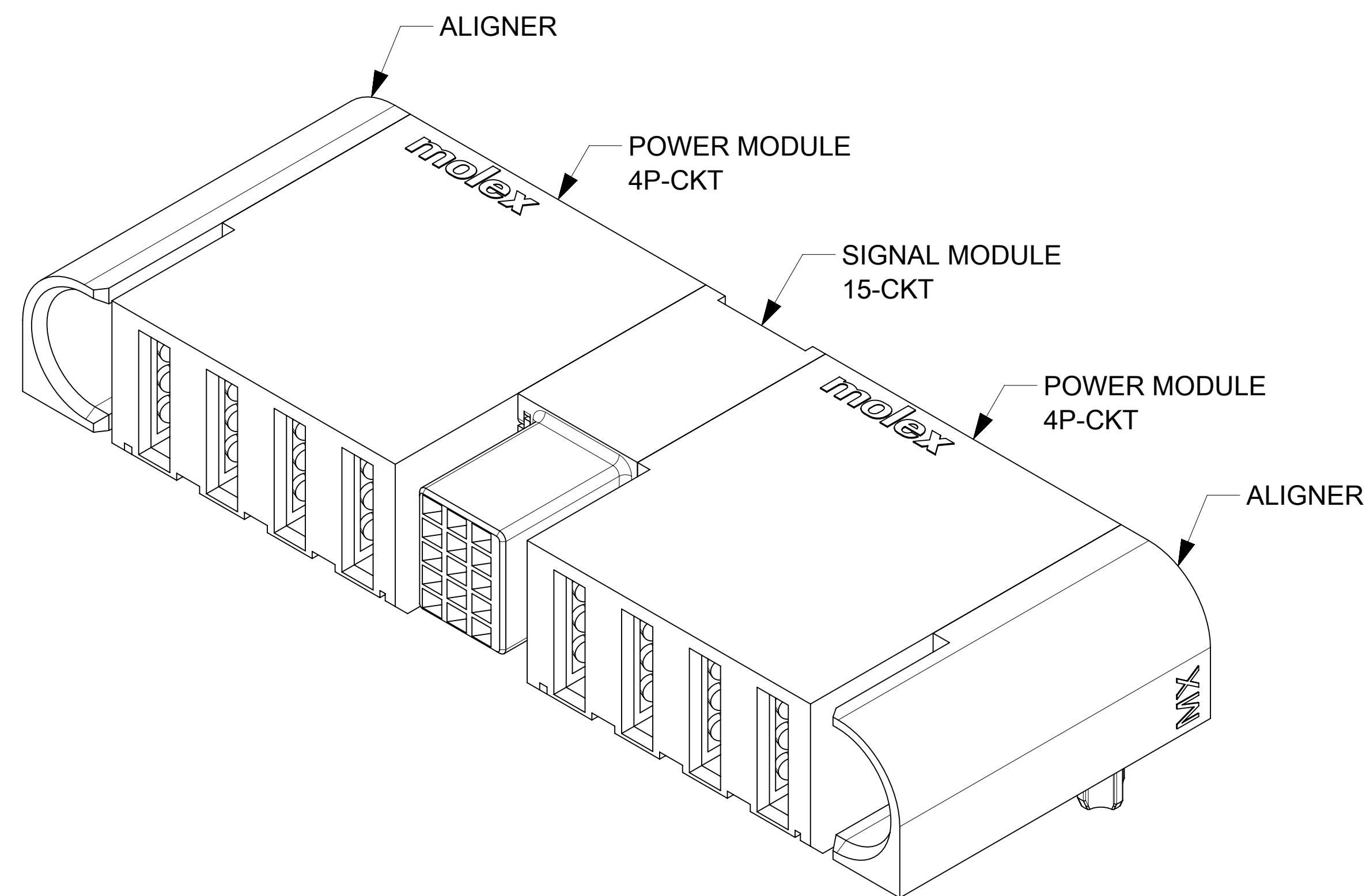
P/N : 46436-9321 (G-1P-15S-1P-G)



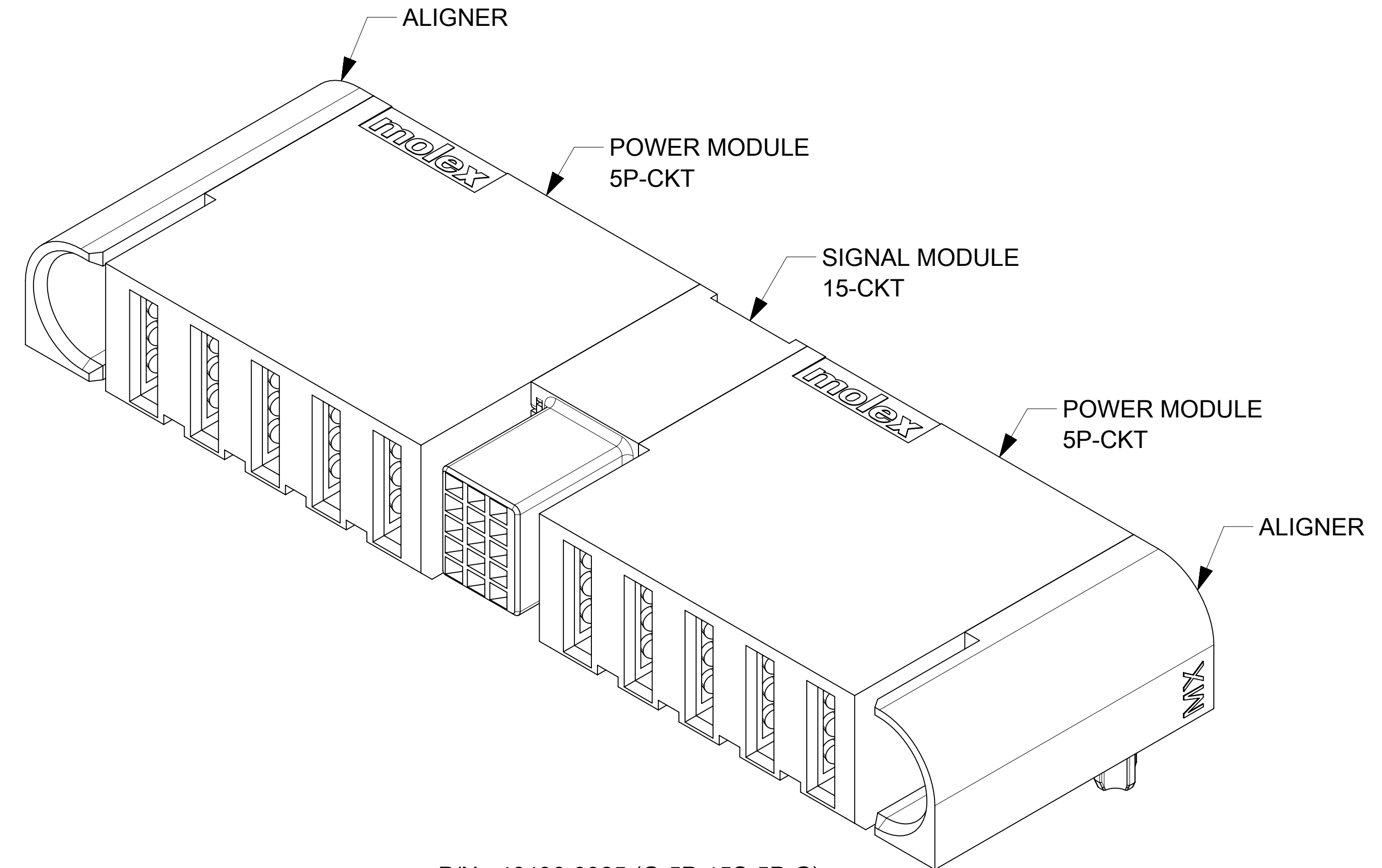
P/N : 46436-9322 (G-2P-15S-2P-G)



P/N : 46436-9323 (G-3P-15S-3P-G)

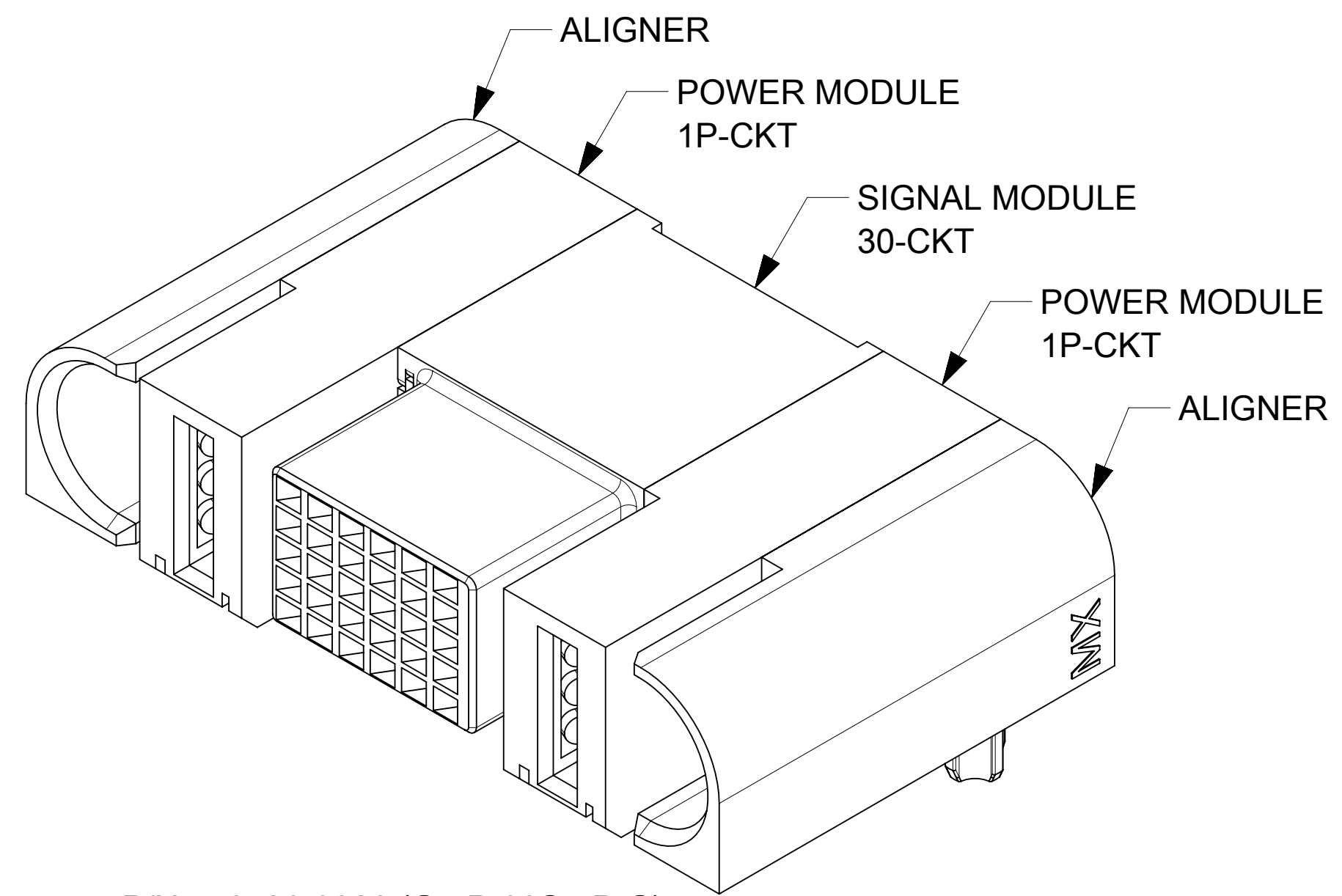


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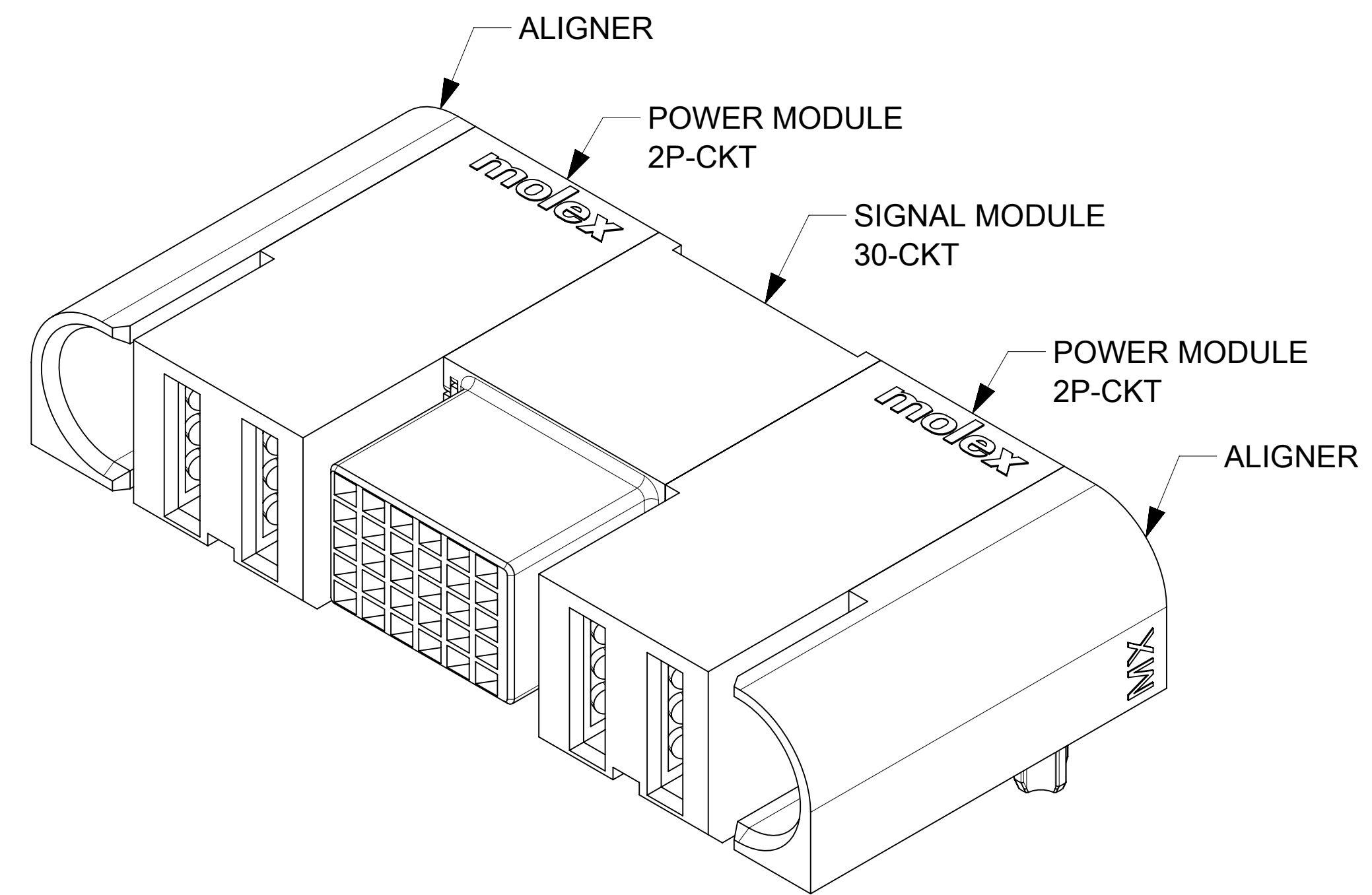


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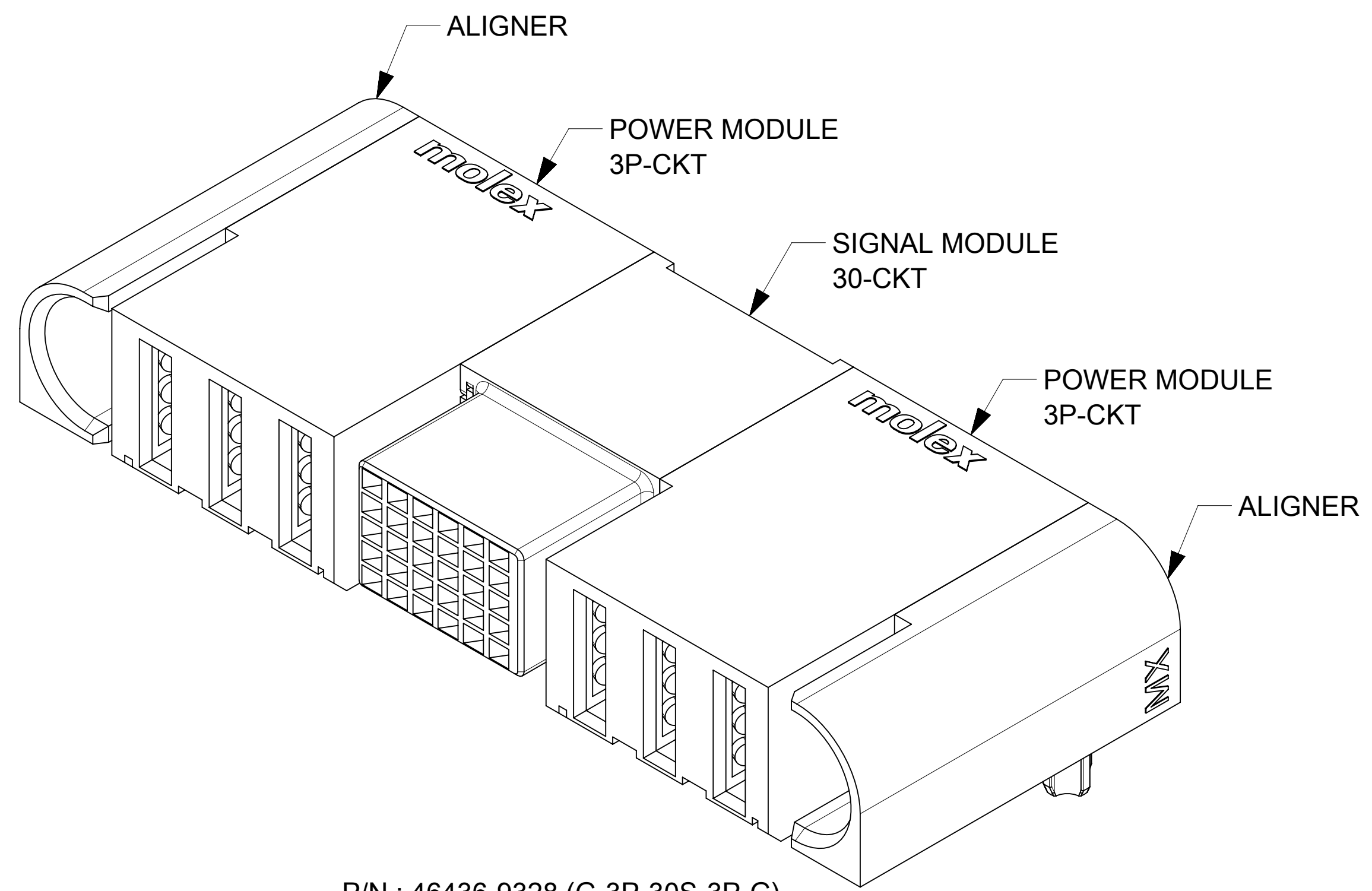
| | | | | | | | | | |
|---|--|---------------------|--|---|--|-----------------|--|---------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: ADDED ISOMETRIC VIEWS | | | | | |
| mm | | 4:1 | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| 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 | | DRWN: KSUTAR | | 2021/08/17 | | | | | |
| MUST REMAIN WITHIN DIMENSIONS | | APPR: HTHYAGARAJ | | 2021/10/21 | | | | | |
| THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | |
| D-DRAWING | | D-SIZE | | 46436 | | SEE TABLE | | GENERAL MARKET | |
| DOCUMENT STATUS | | | | P1 | | RELEASE DATE | | 2022/02/14 09:01:58 | |
| DOCUMENT NUMBER | | | | DOC TYPE | | DOC PART | | REVISION | |
| 464369330 | | | | PSD | | 000 | | A1 | |
| SHEET NUMBER | | | | 3 OF 4 | | | | | |



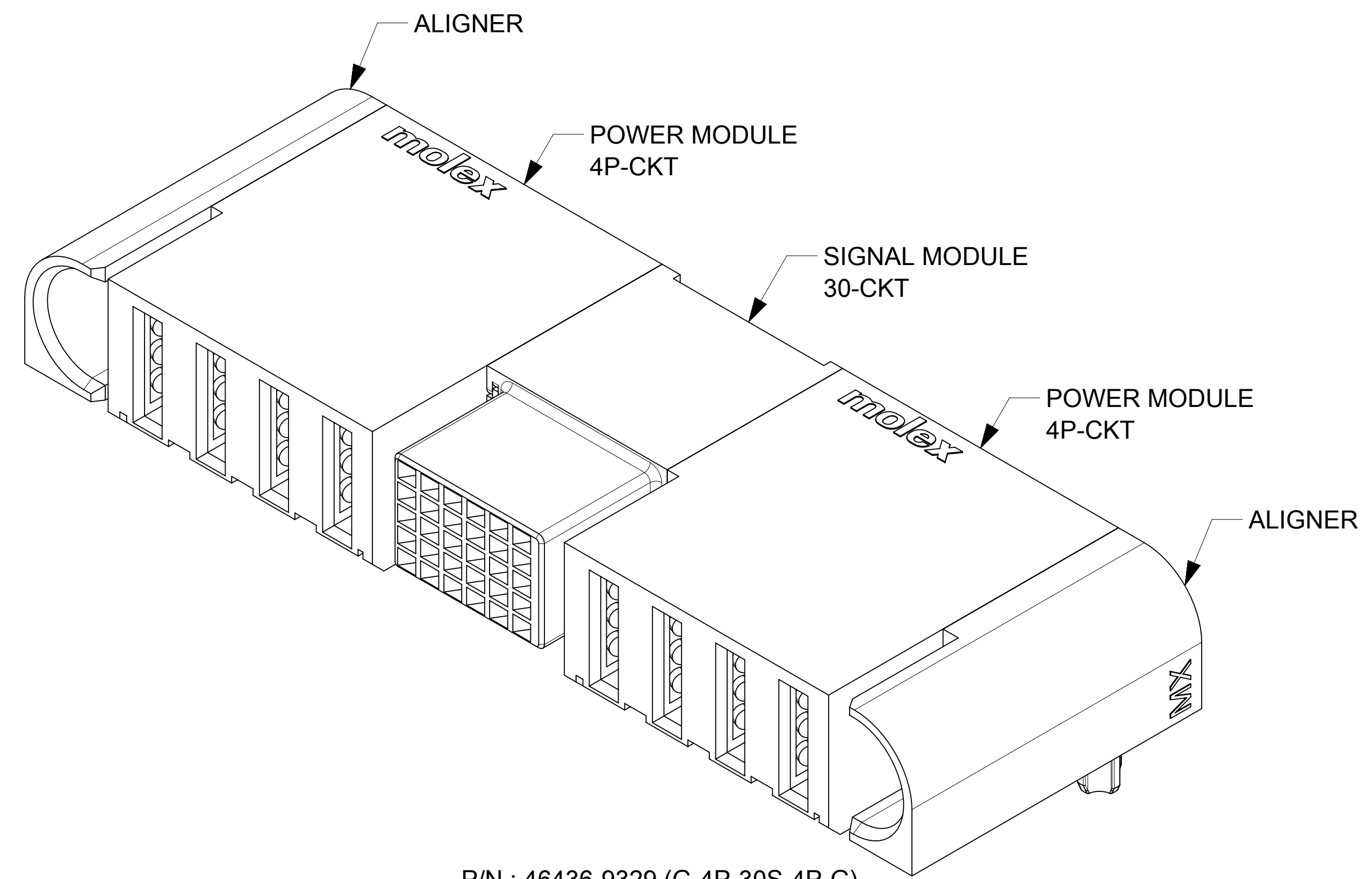
P/N : 46436-9326 (G-1P-30S-1P-G)



P/N : 46436-9327 (G-2P-30S-2P-G)



P/N : 46436-9328 (G-3P-30S-3P-G)



P/N : 46436-9329 (G-4P-30S-4P-G)

| | | | | | | | | | | | |
|---|--|------------------------|--|---|--|------------|--|--|--|--|--|
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: ADDED ISOMETRIC VIEWS | | | | | | | |
| mm | | 4:1 | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| ANGULAR TOL | | ± 0.5° | | | | | | | | | |
| 4 PLACES | | ± | | EC NO: 689821 | | 2021/12/13 | | | | | |
| 3 PLACES | | ± | | DRWN: HARSHG | | 2021/12/22 | | | | | |
| 2 PLACES | | ± 0.13 | | CHK'D: GJEEVANSURES | | 2022/02/14 | | | | | |
| 1 PLACE | | ± 0.25 | | APPR: HTHYAGARAJ | | | | | | | |
| 0 PLACES | | ± | | INITIAL REVISION: | | | | | | | |
| DRAFT WHERE APPLICABLE | | THIRD ANGLE PROJECTION | | DRWN: KSUTAR | | 2021/08/17 | | | | | |
| MUST REMAIN WITHIN DIMENSIONS | | DRAWING | | APPR: HTHYAGARAJ | | 2021/10/21 | | | | | |
| | | D-SIZE | | SERIES | | | | | | | |
| | | 46436 | | MATERIAL NUMBER | | CUSTOMER | | | | | |
| | | SEE TABLE | | GENERAL MARKET | | | | | | | |
| | | 4 OF 4 | | | | | | | | | |