

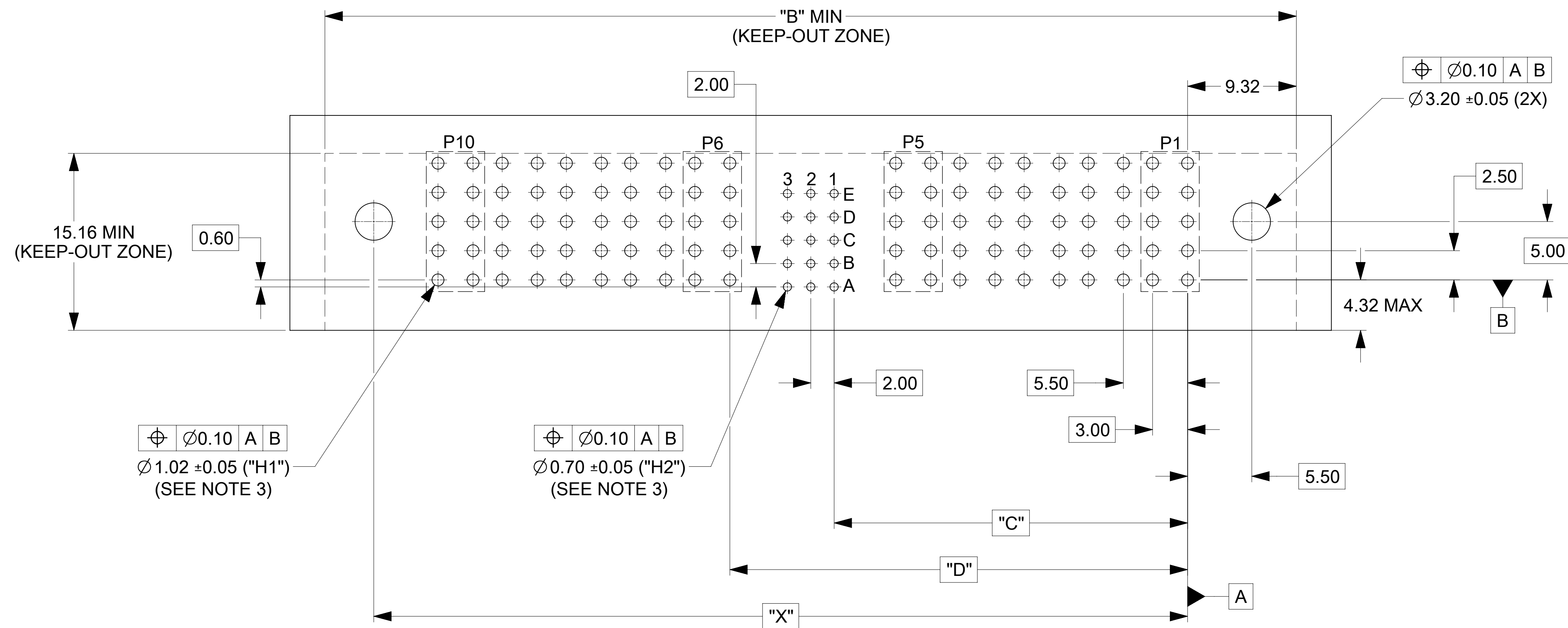
NOTES:

- 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	2021/12/13	DOCUMENT NUMBER	DOC TYPE	DOC PART
3 PLACES	±	DRWN: HARSHG	2021/12/22	464369330	PSD	000
2 PLACES	± 0.13	CHK'D: GJEEVANSURES	2022/02/14	INITIAL REVISION:	REVISION	A1
1 PLACE	± 0.25	APPR: HTHYAGARAJ		DRWN: KSUTAR	2021/08/17	
0 PLACES	±	APPR: HTHYAGARAJ	2021/10/21	DRAWING	SERIES	MATERIAL NUMBER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES
					D-SIZE	46436
				SEE TABLE	GENERAL MARKET	SHEET NUMBER
						1 OF 4

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



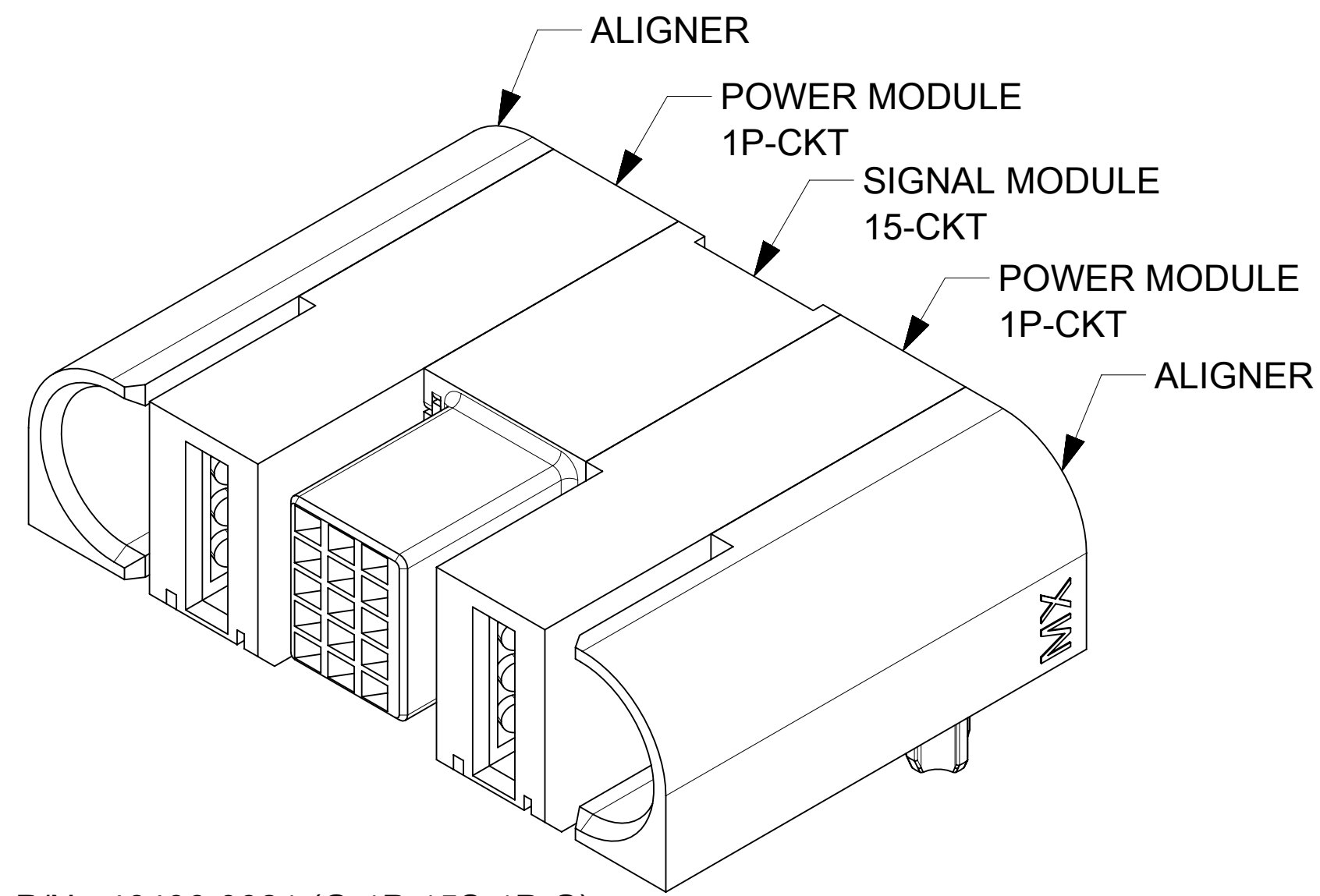
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1P TO 5P)-15S-(1P TO 5P)-G

REFER TO BELOW TABLE FOR DIMENSIONS.

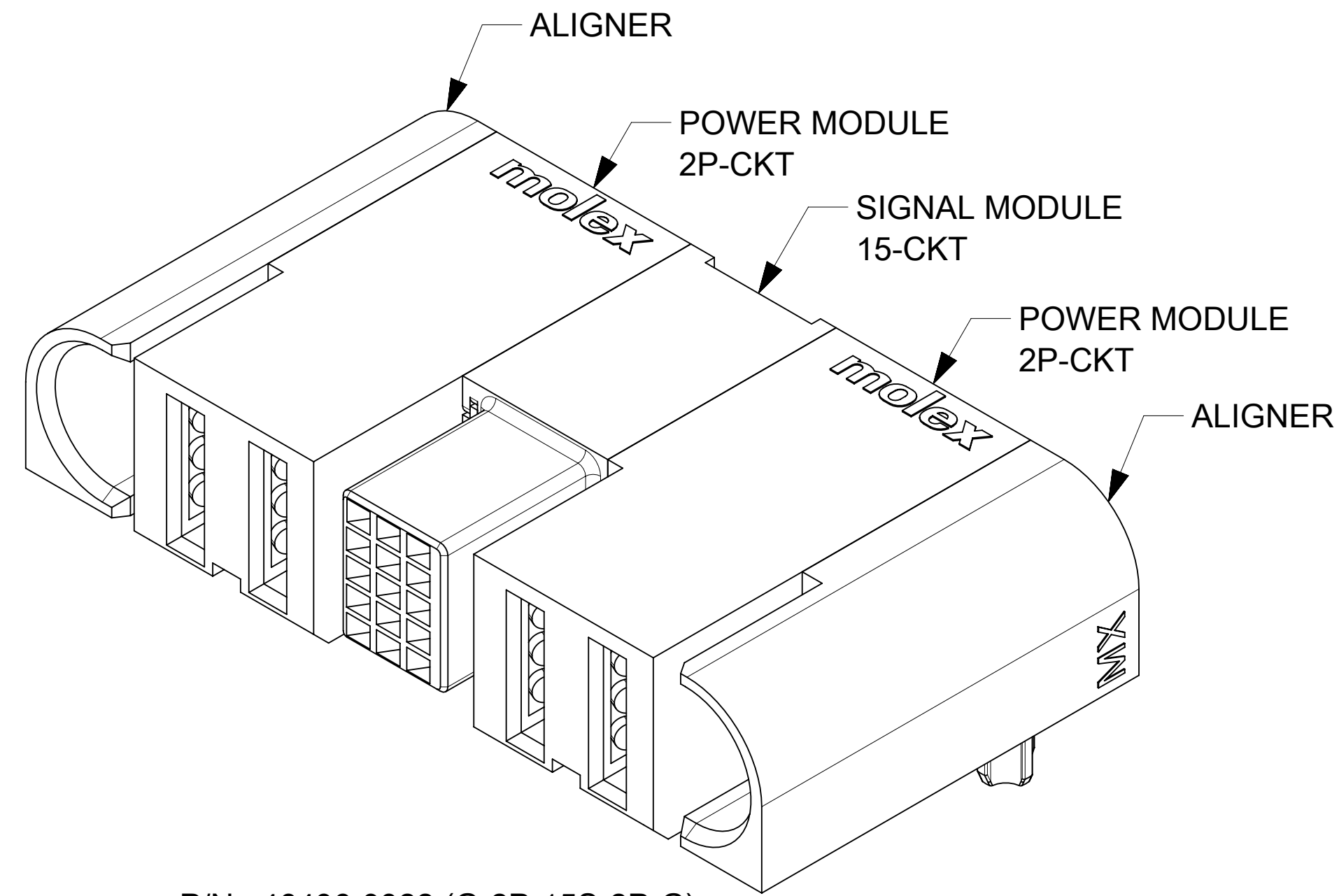
FG P/N	CONFIGURATION	POWER CKT SIZE	SIGNAL CKT SIZE	DIM "A" (IN MM)	DIM "B" (IN MM)	DIM "C" (IN MM)	DIM "D" (IN MM)	DIM "X" (IN MM)	HOLES COUNT "H1"	HOLES COUNT "H2"	MATES WITH R/A PLUG ASSY P/N
464369321	G-1P-15S-1P-G	1	15	38.21	39.21	8.28	17.21	25.71	20	15	464379321
464369322	G-2P-15S-2P-G	2	15	49.21	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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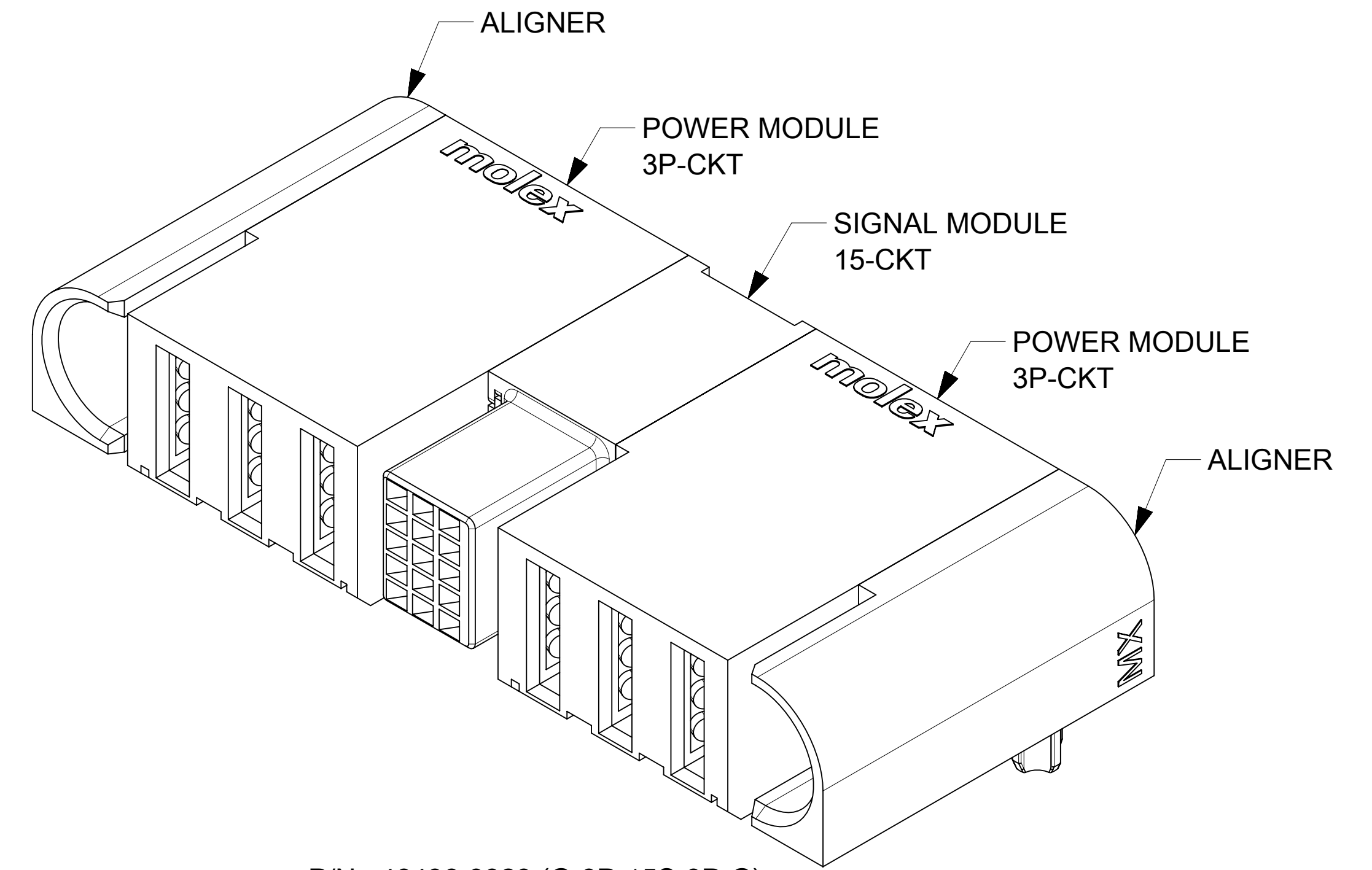
DIMENSION UNITS mm	SCALE 4:1	CURRENT REV DESC: ADDED ISOMETRIC VIEWS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 689821	
ANGULAR TOL	± 0.5°	DRWN: HARSHG	2021/12/13
4 PLACES	±	CHK'D: GJEEVANSURES	2021/12/22
3 PLACES	±	APPR: HTHYAGARAJ	2022/02/14
2 PLACES	± 0.13	INITIAL REVISION:	
1 PLACE	± 0.25	DRWN: 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



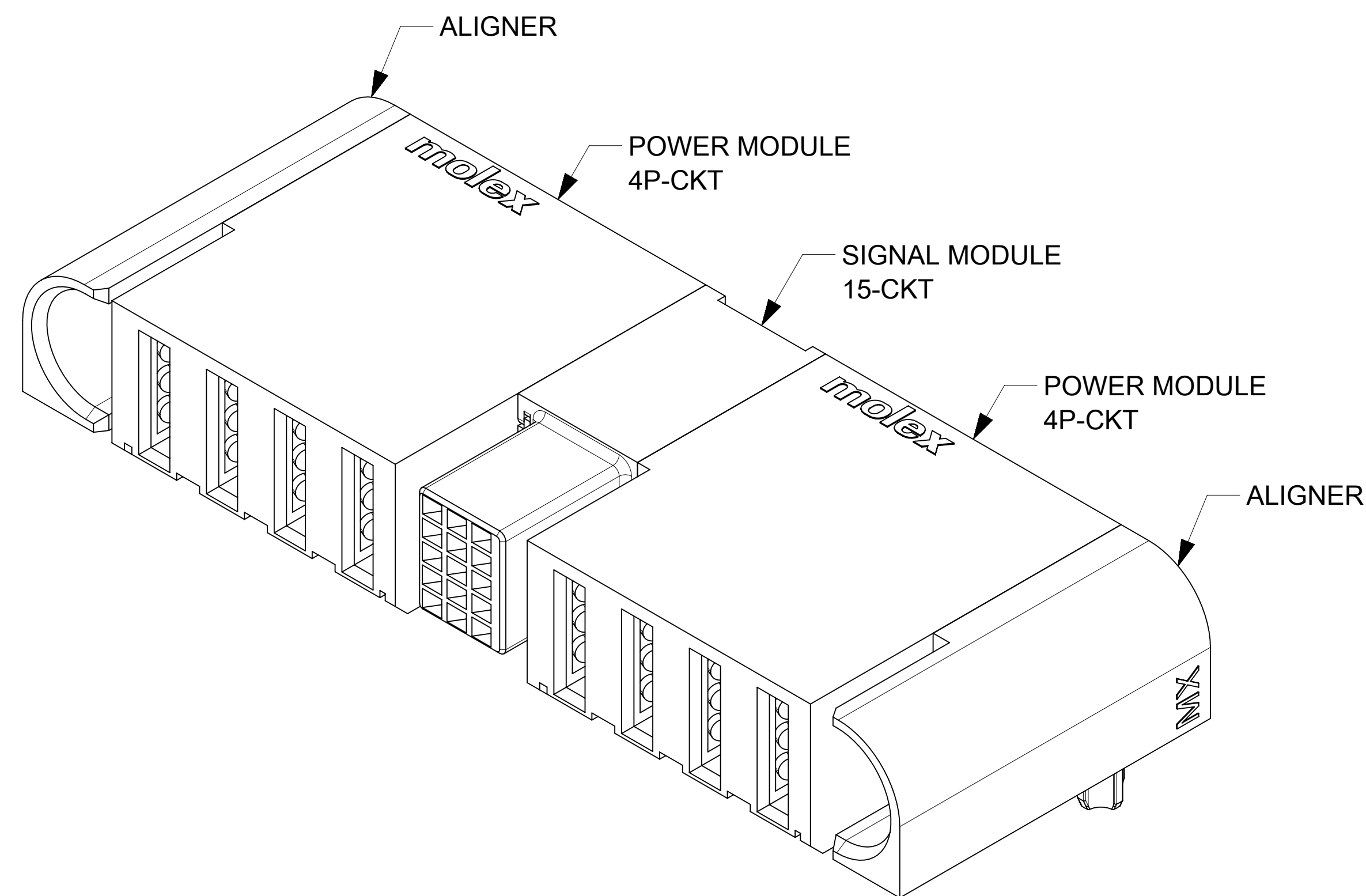
P/N : 46436-9321 (G-1P-15S-1P-G)



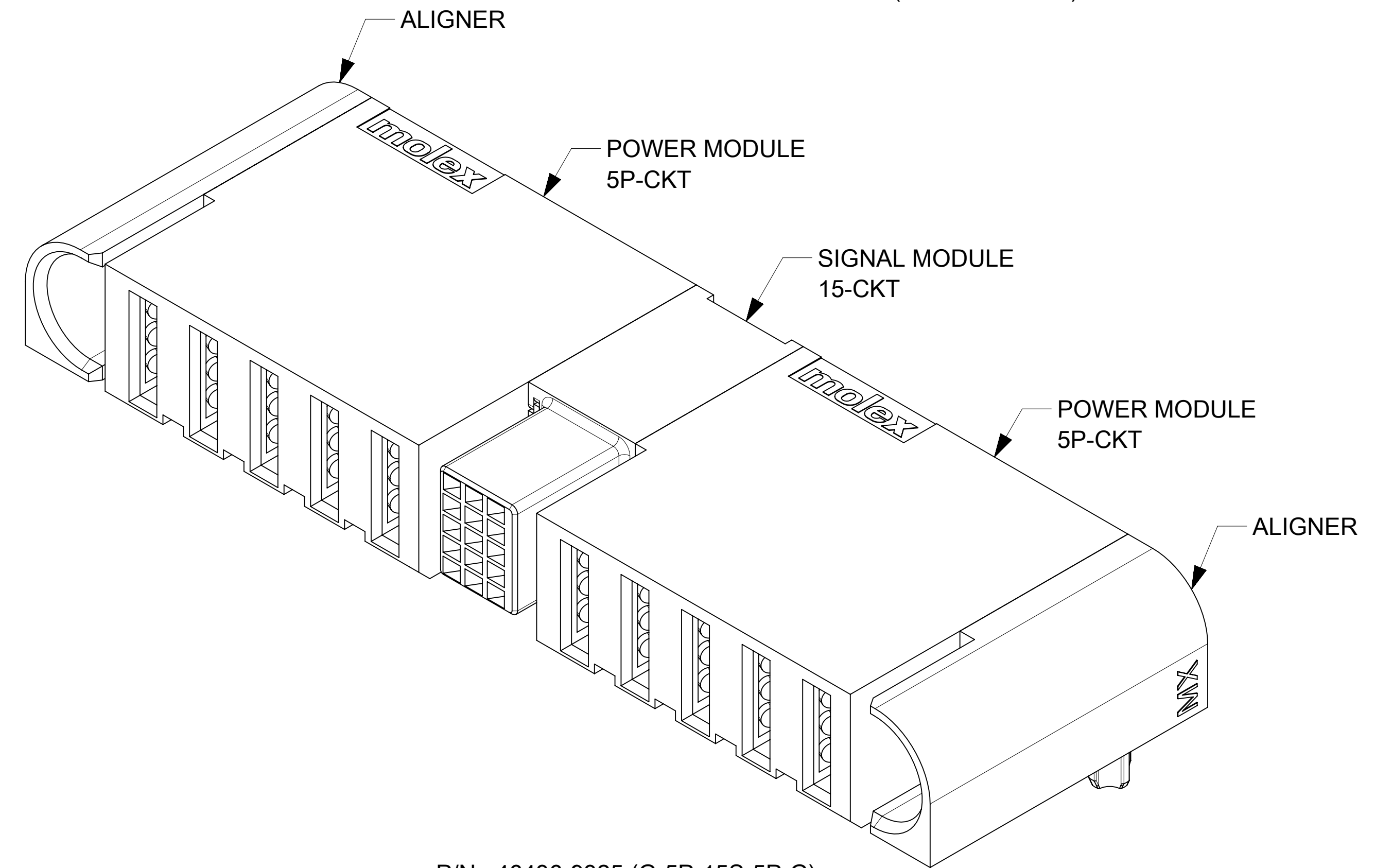
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P/N : 46436-9323 (G-3P-15S-3P-G)

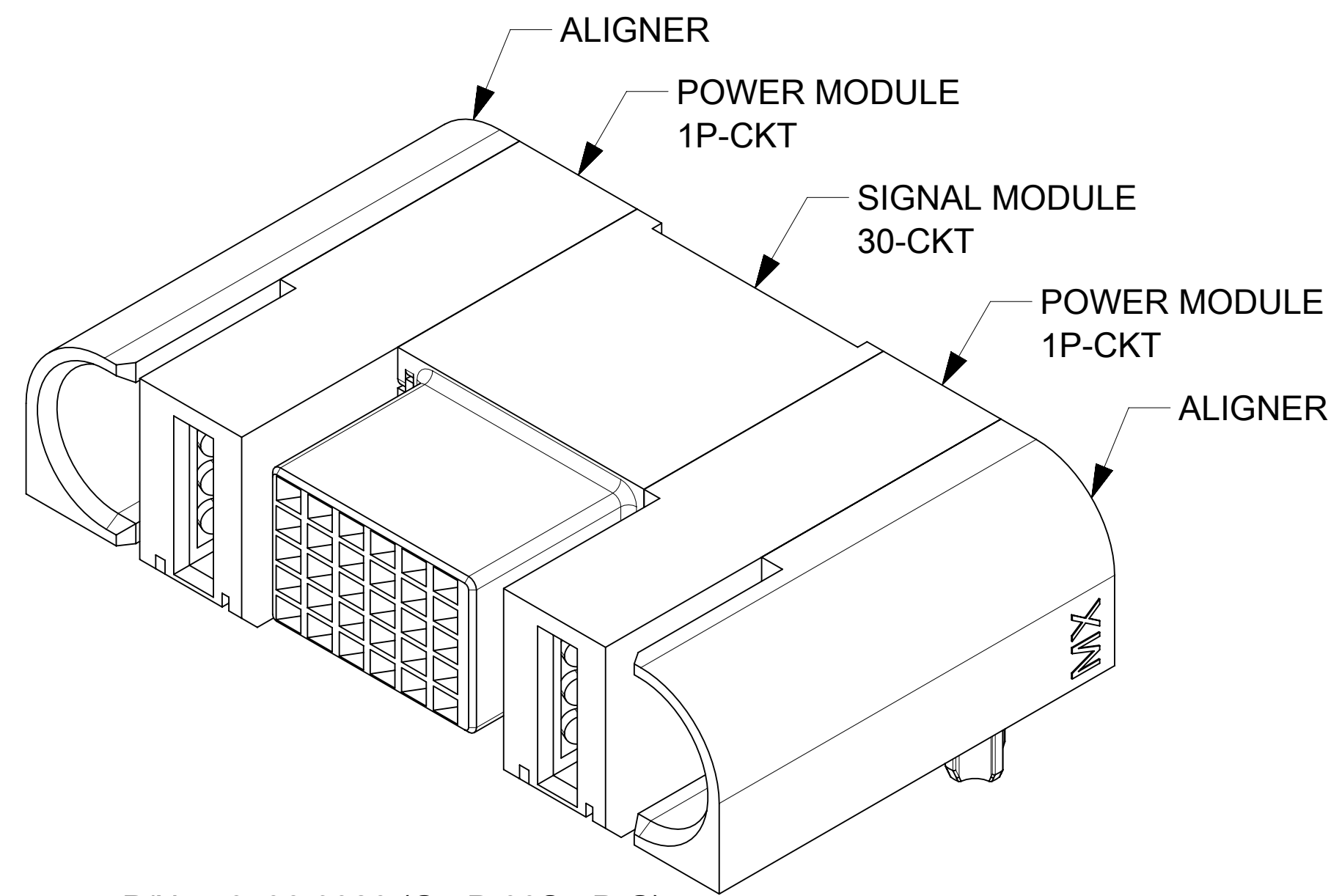


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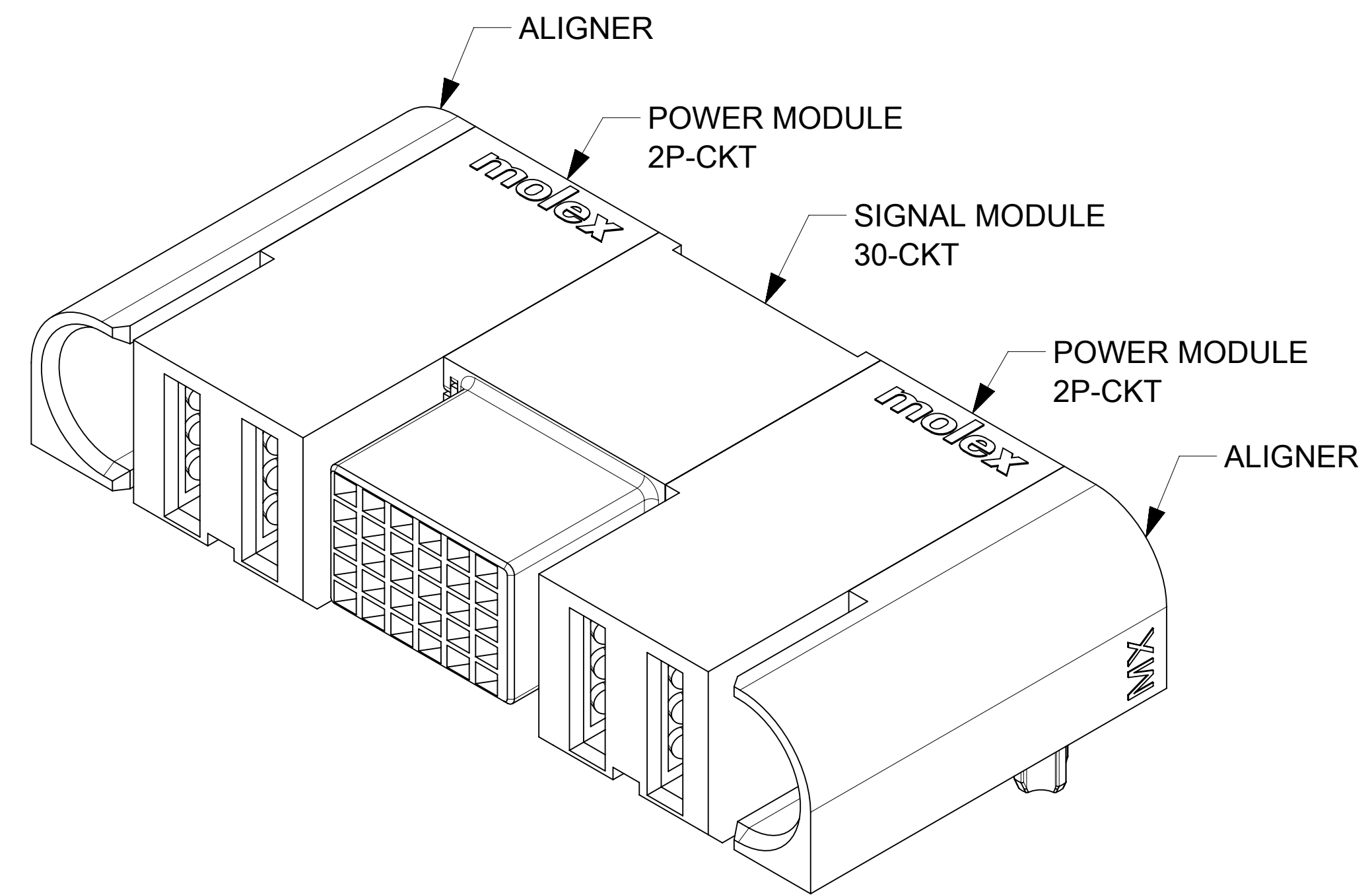


P/N : 46436-9325 (G-5P-15S-5P-G)

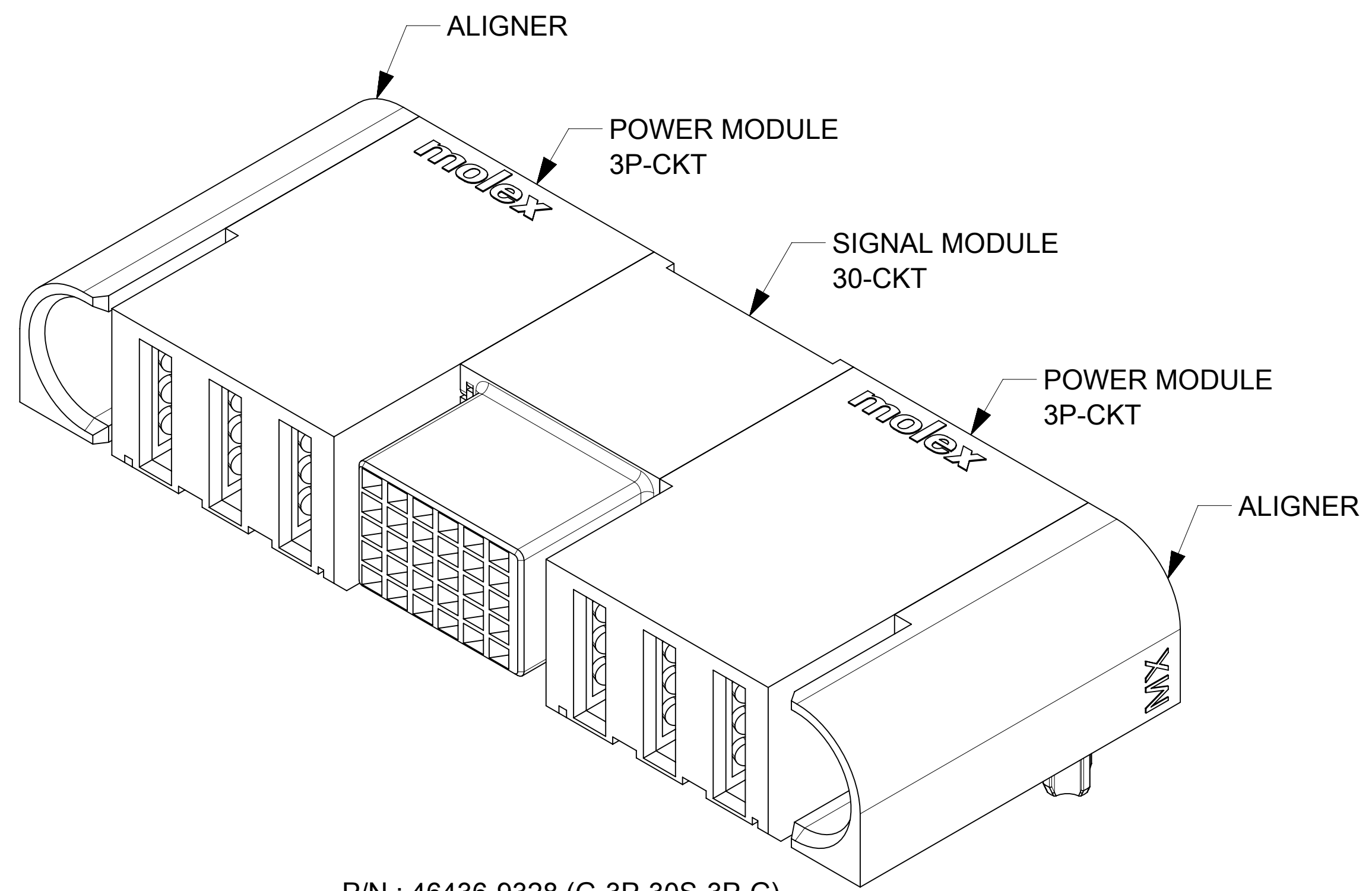
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mm		4:1							
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3 PLACES ±		DRWN: HARSHG						2021/12/13	
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1 PLACE ± 0.25		APPR: HTHYAGARAJ						2022/02/14	
0 PLACES ±		INITIAL REVISION:							
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 NUMBER				DOC TYPE		DOC PART		REVISION	
464369330				PSD		000		A1	
DOCUMENT STATUS		P1		RELEASE DATE		2022/02/14		09:01:58	
SHEET NUMBER		3 OF 4							



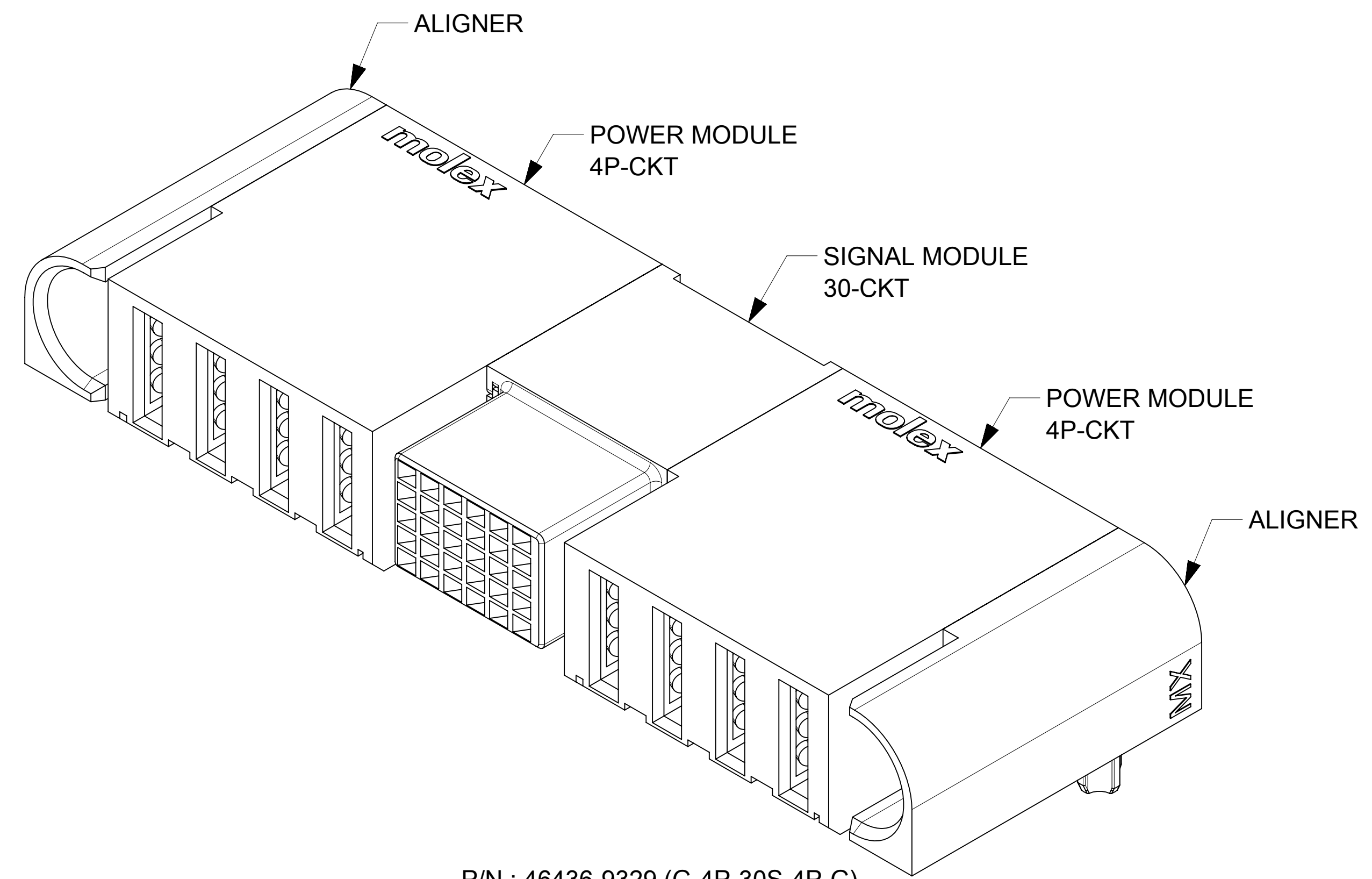
P/N : 46436-9326 (G-1P-30S-1P-G)



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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<table border="1"> <tr> <td colspan="4" style="text-align: center;">molex</td> </tr> <tr> <td colspan="4" style="text-align: center;">G-*P-*S-*P-G R/A RECEP ASSY - TEN60 POWER FAMILY</td> </tr> <tr> <td colspan="4" style="text-align: center;">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td colspan="2">DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>REVISION</td> </tr> <tr> <td colspan="2" style="text-align: center;">464369330</td> <td style="text-align: center;">PSD</td> <td style="text-align: center;">000</td> <td style="text-align: center;">A1</td> </tr> <tr> <td colspan="2">MATERIAL NUMBER</td> <td colspan="2">CUSTOMER</td> <td>SHEET NUMBER</td> </tr> <tr> <td colspan="2">SEE TABLE</td> <td colspan="2">GENERAL MARKET</td> <td style="text-align: center;">4 OF 4</td> </tr> </table>										molex				G-*P-*S-*P-G R/A RECEP ASSY - TEN60 POWER FAMILY				PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	464369330		PSD	000	A1	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	SEE TABLE		GENERAL MARKET		4 OF 4
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