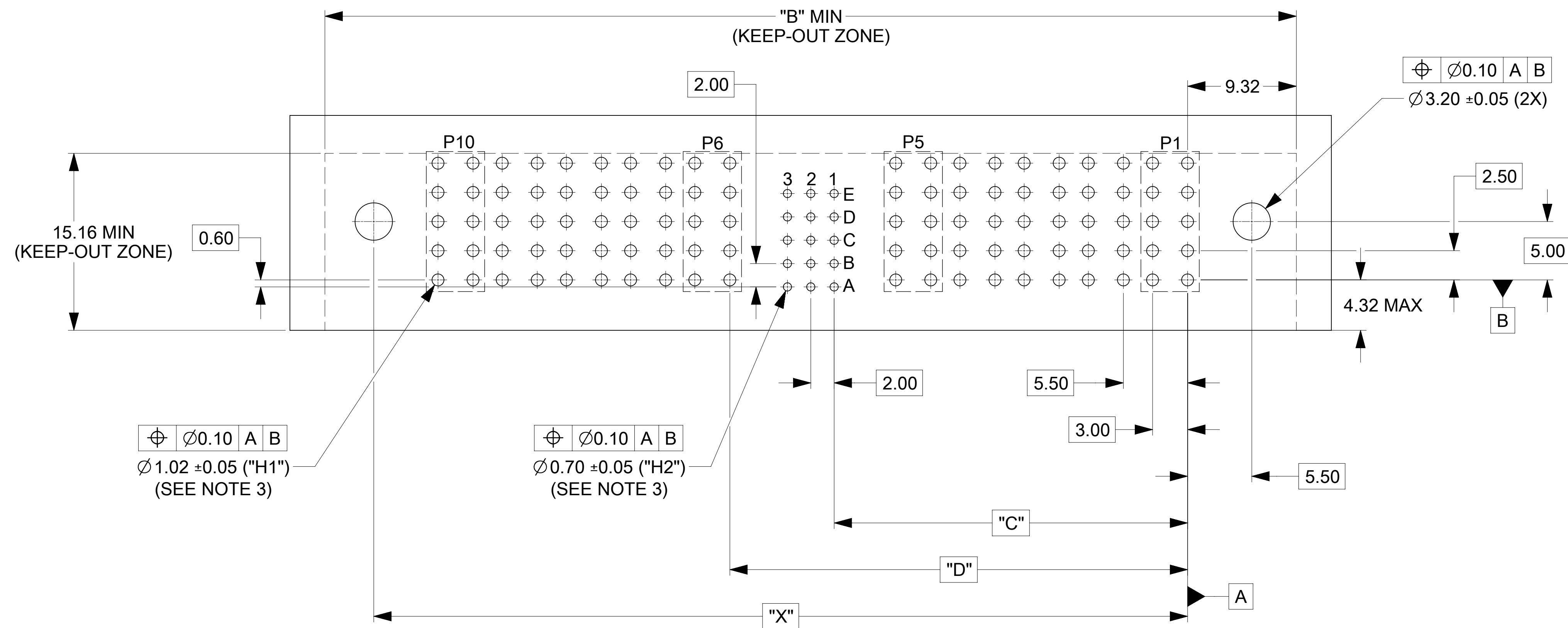


- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR: BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 MICROMETER (50 MICROINCH) NICKEL OVERALL WITH 2.54 MICROMETER (100 MICROINCH) SELECTIVE TIN ON TAILS AND 0.762 MICROMETER (30 MICROINCH) SELECTIVE GOLD ON CONTACT AREA
  - 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.

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		CURRENT REV DESC: ADDED ISOMETRIC VIEWS			
DIMENSION UNITS	SCALE				
mm	3:1			G-*P-*S-*P-G R/A RECEP ASSY - TEN60 POWER FAMILY	
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 0.5°			DOCUMENT NUMBER	
4 PLACES	±	EC NO: 689821	2021/12/13	464369330	
3 PLACES	±	DRWN: HARSHG	2021/12/22	PSD	000
2 PLACES	± 0.13	CHK'D: GJEEVANSURES	2022/02/14	A1	
1 PLACE	± 0.25	APPR: HTHYAGARAJ		REVISION	
0 PLACES	±	INITIAL REVISION:			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: KSUTAR	2021/08/17		
THIRD ANGLE PROJECTION		APPR: HTHYAGARAJ	2021/10/21		
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)-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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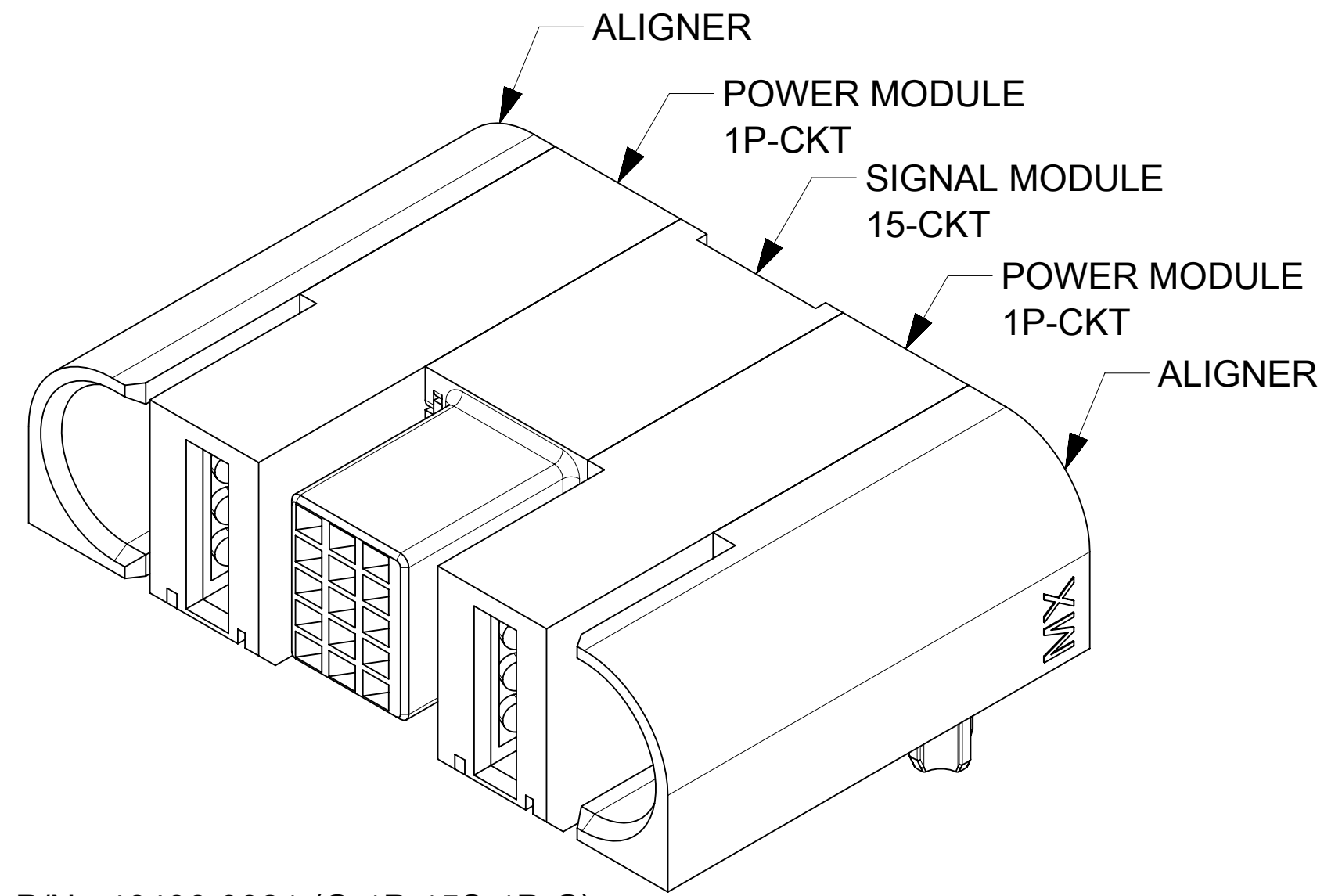
DIMENSION UNITS <b>mm</b>	SCALE <b>4:1</b>	CURRENT REV DESC: ADDED ISOMETRIC VIEWS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 689821	
ANGULAR TOL ± 0.5°		DRWN: HARSHG 2021/12/13	
4 PLACES ±		CHK'D: GJEEVANSURES 2021/12/22	
3 PLACES ±		APPR: HTHYAGARAJ 2022/02/14	
2 PLACES ± 0.13		INITIAL REVISION:	
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
			<b>D-SIZE</b>
		SERIES	MATERIAL NUMBER
		<b>46436</b>	SEE TABLE
		CUSTOMER	SHEET NUMBER
		GENERAL MARKET	<b>2 OF 4</b>

# molex

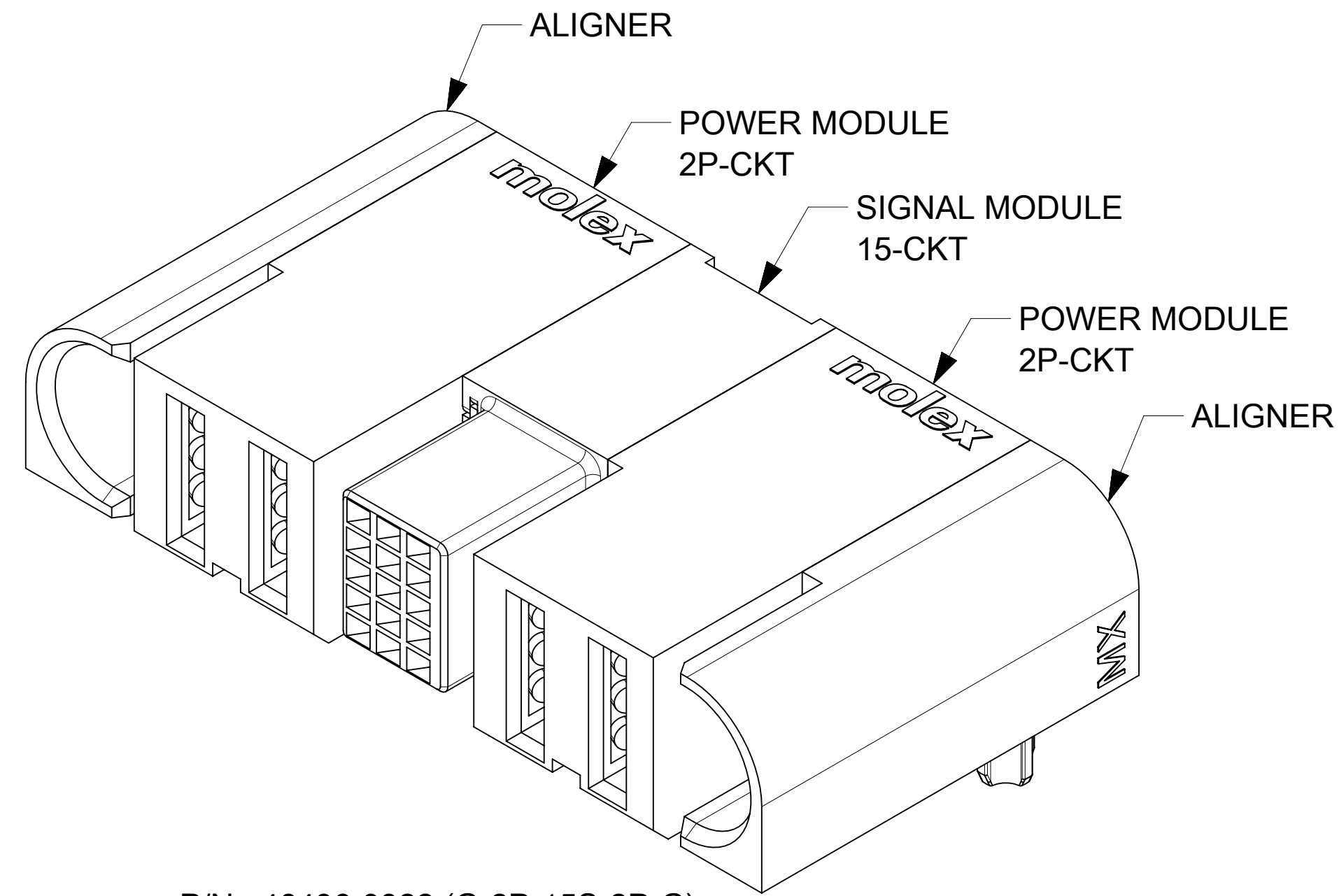
G-\*P-\*S-\*P-G  
R/A RECEP ASSY - TEN60 POWER FAMILY

PRODUCT CUSTOMER DRAWING

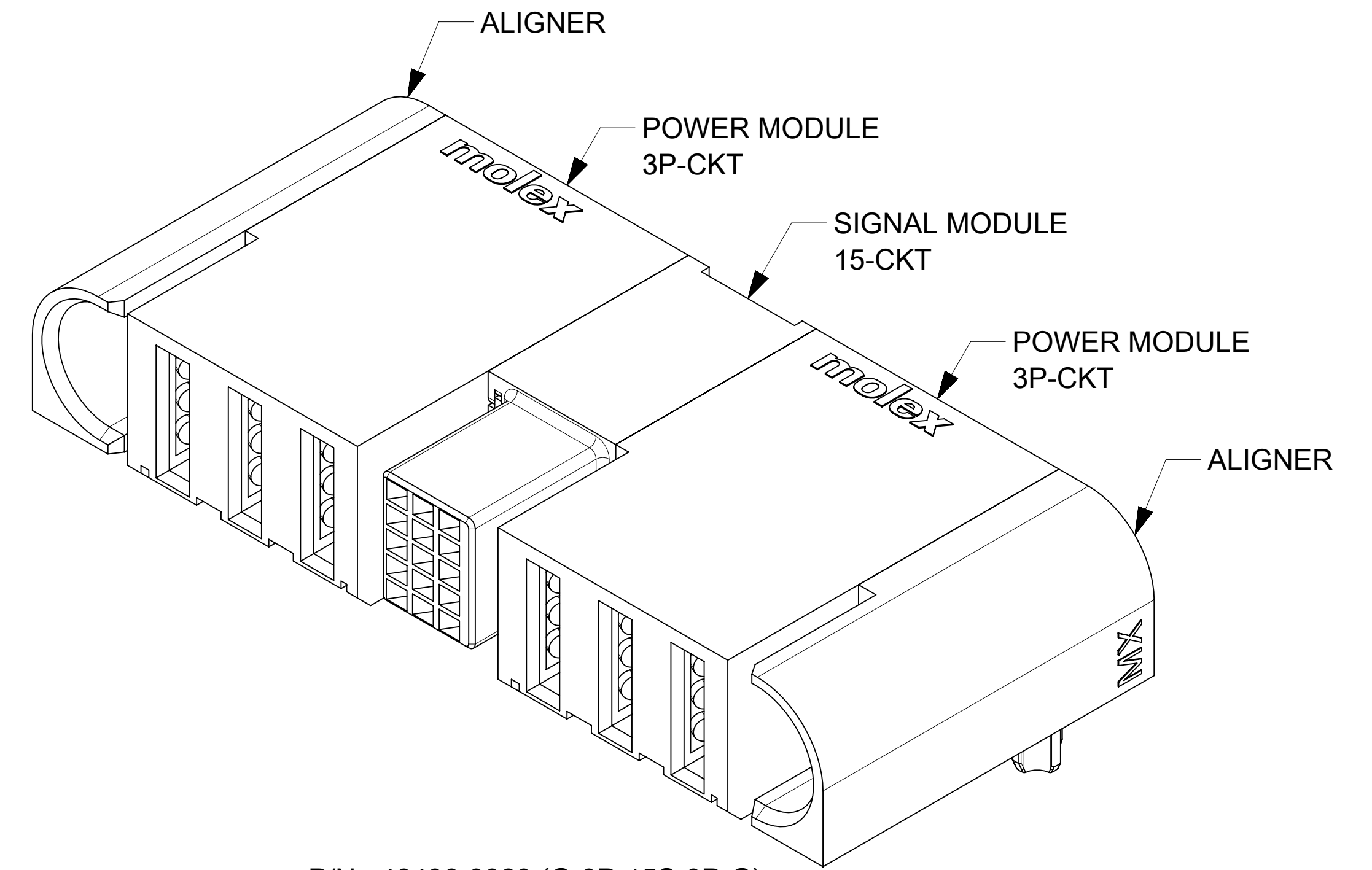
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<b>464369330</b>	PSD	000	<b>A1</b>



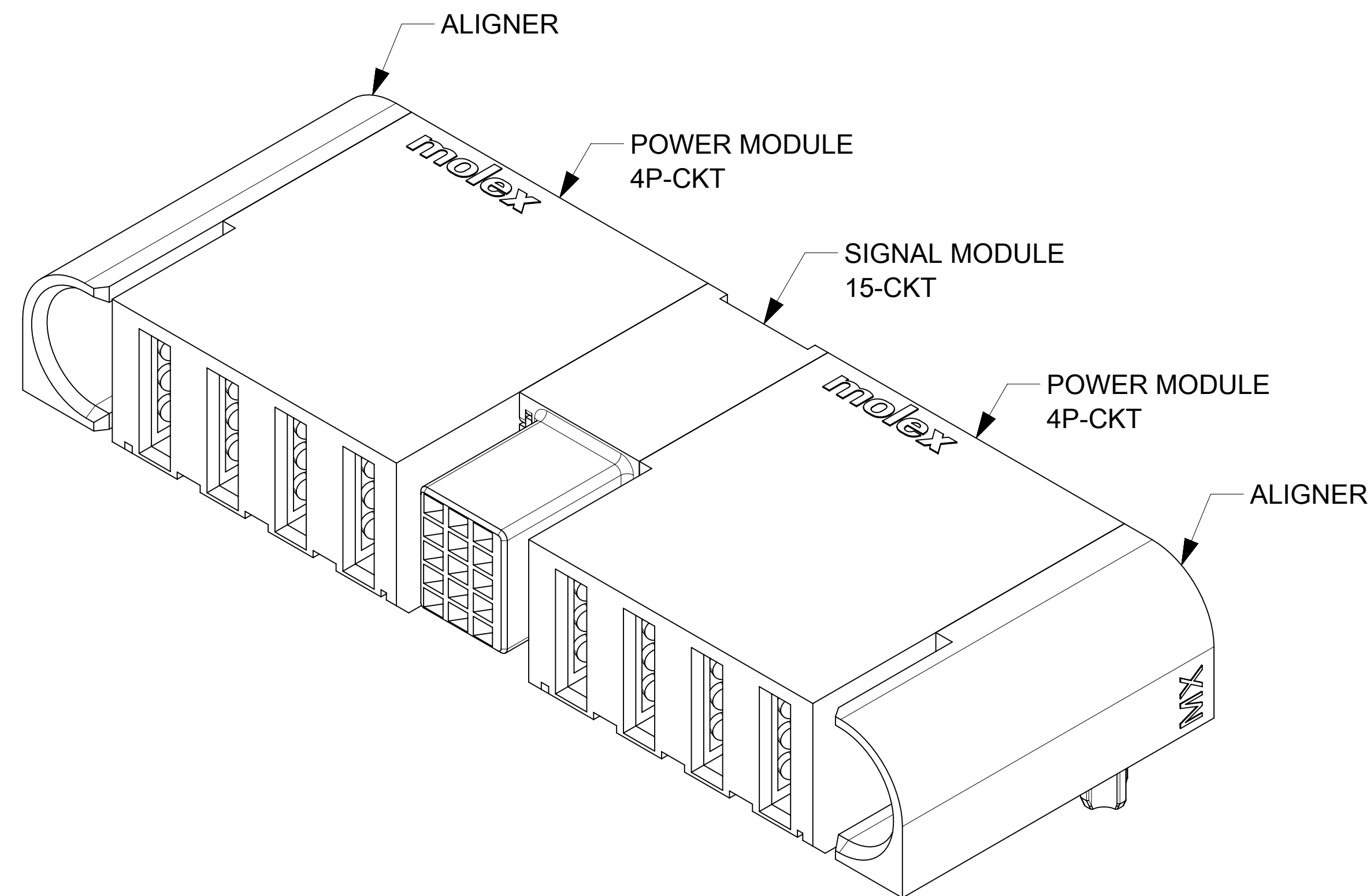
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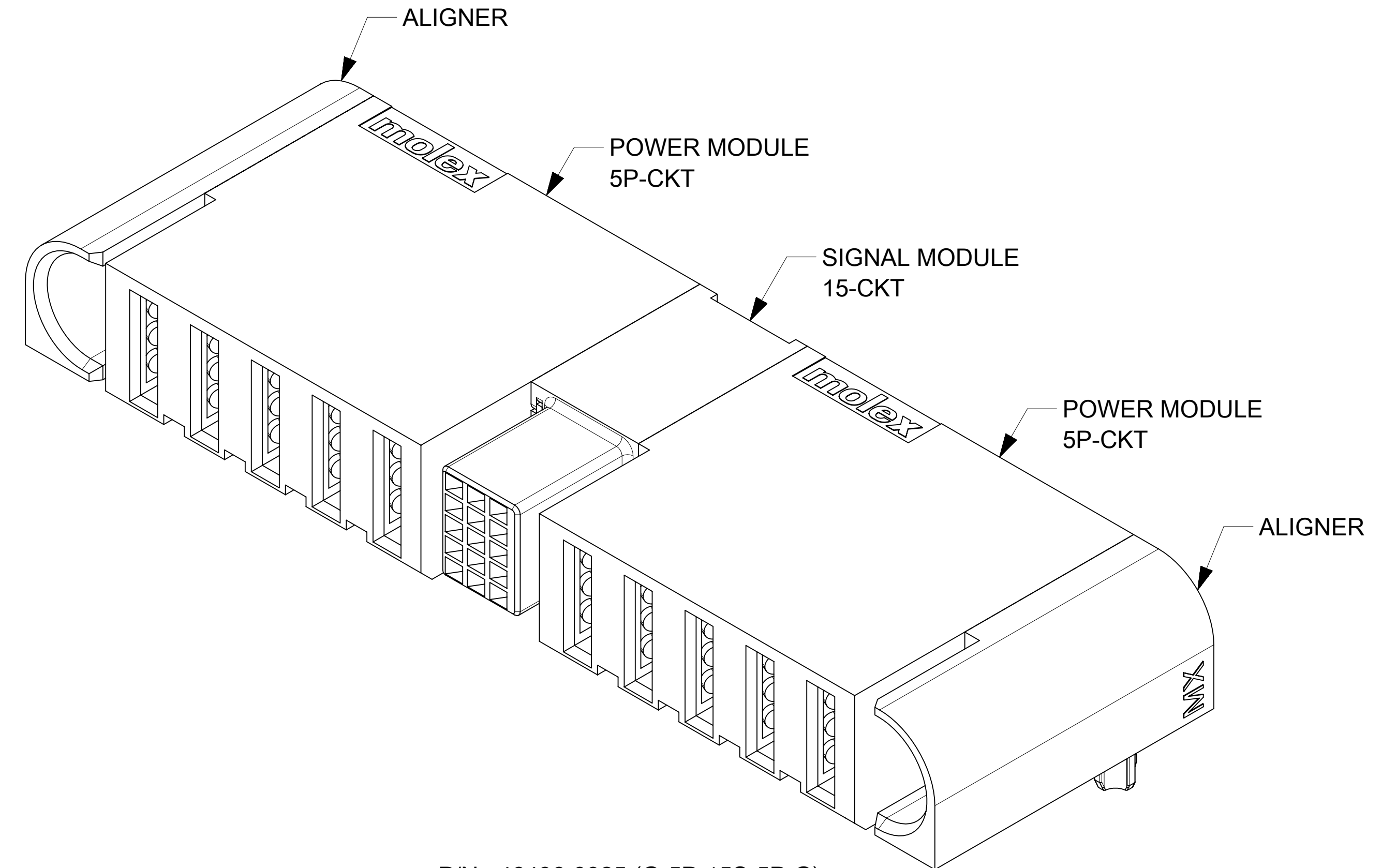
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P/N : 46436-9323 (G-3P-15S-3P-G)



P/N : 46436-9324 (G-4P-15S-4P-G)



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

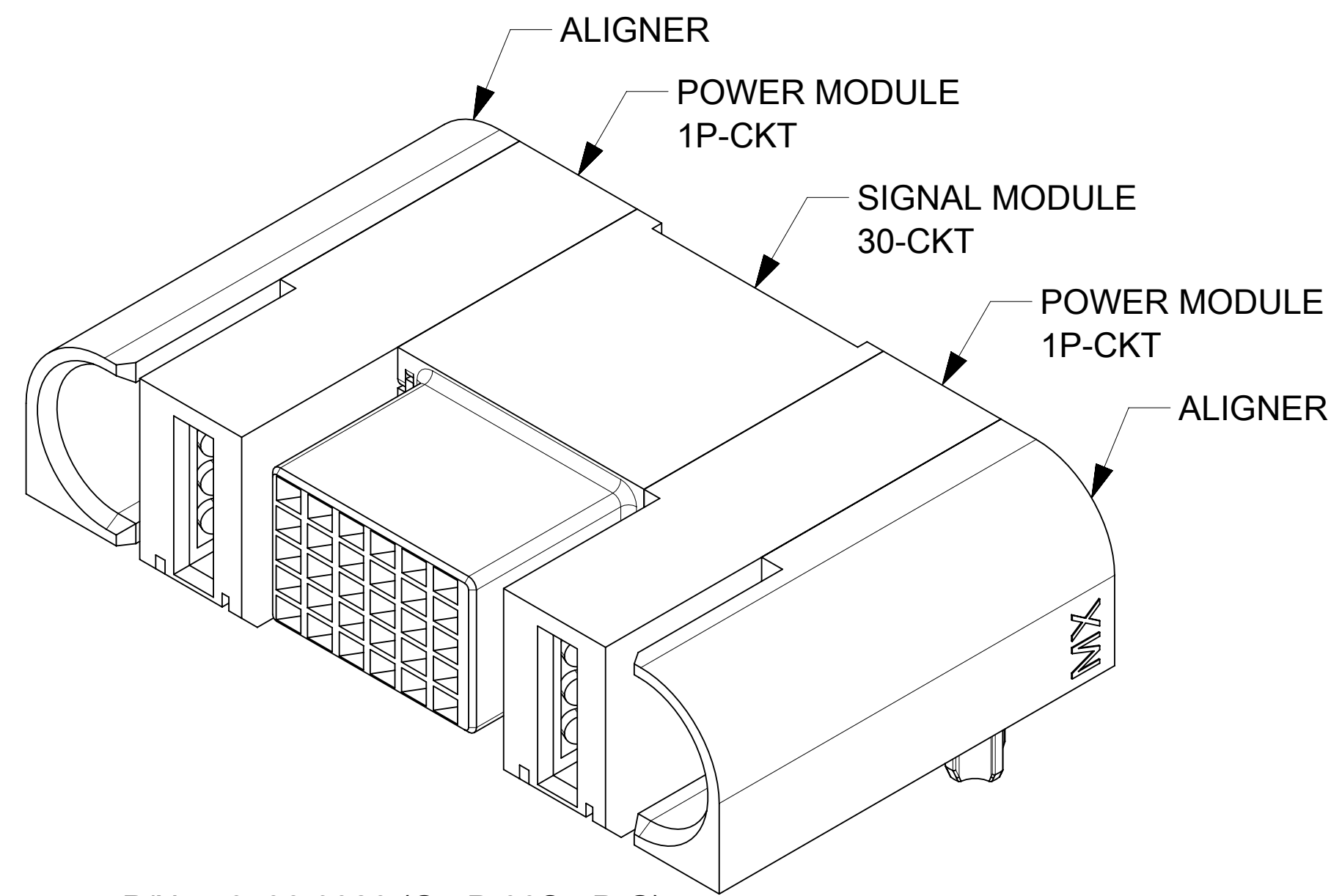
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED ISOMETRIC VIEWS							
mm		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 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:							
				DRWN: KSUTAR				2021/08/17			
				APPR: HTHYAGARAJ				2021/10/21			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		D-SIZE		46436		SEE TABLE		GENERAL MARKET		SHEET NUMBER	
										3 OF 4	

**molex**

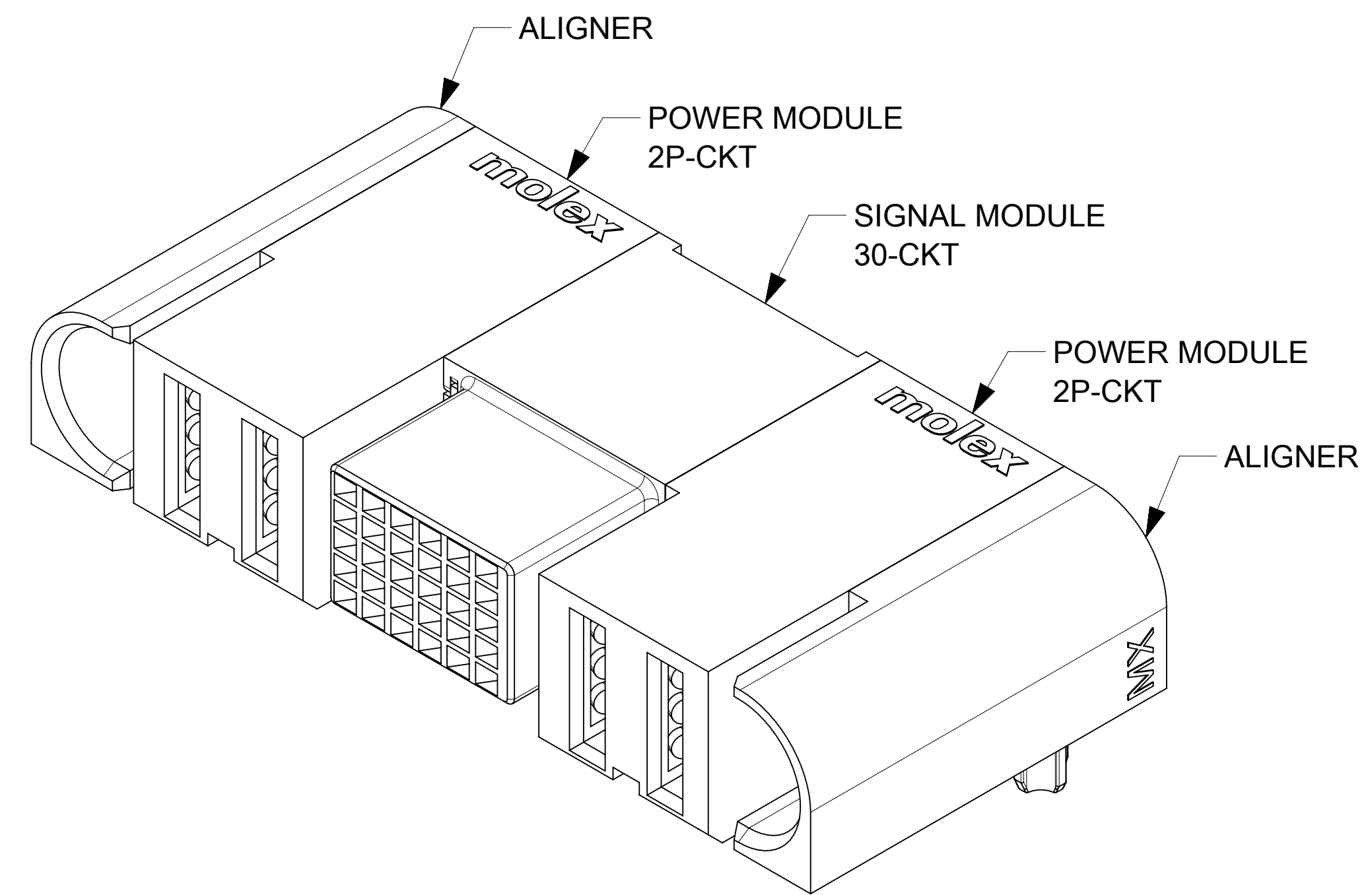
G-\*P-\*S-\*P-G  
R/A RECEP ASSY - TEN60 POWER FAMILY

PRODUCT CUSTOMER DRAWING

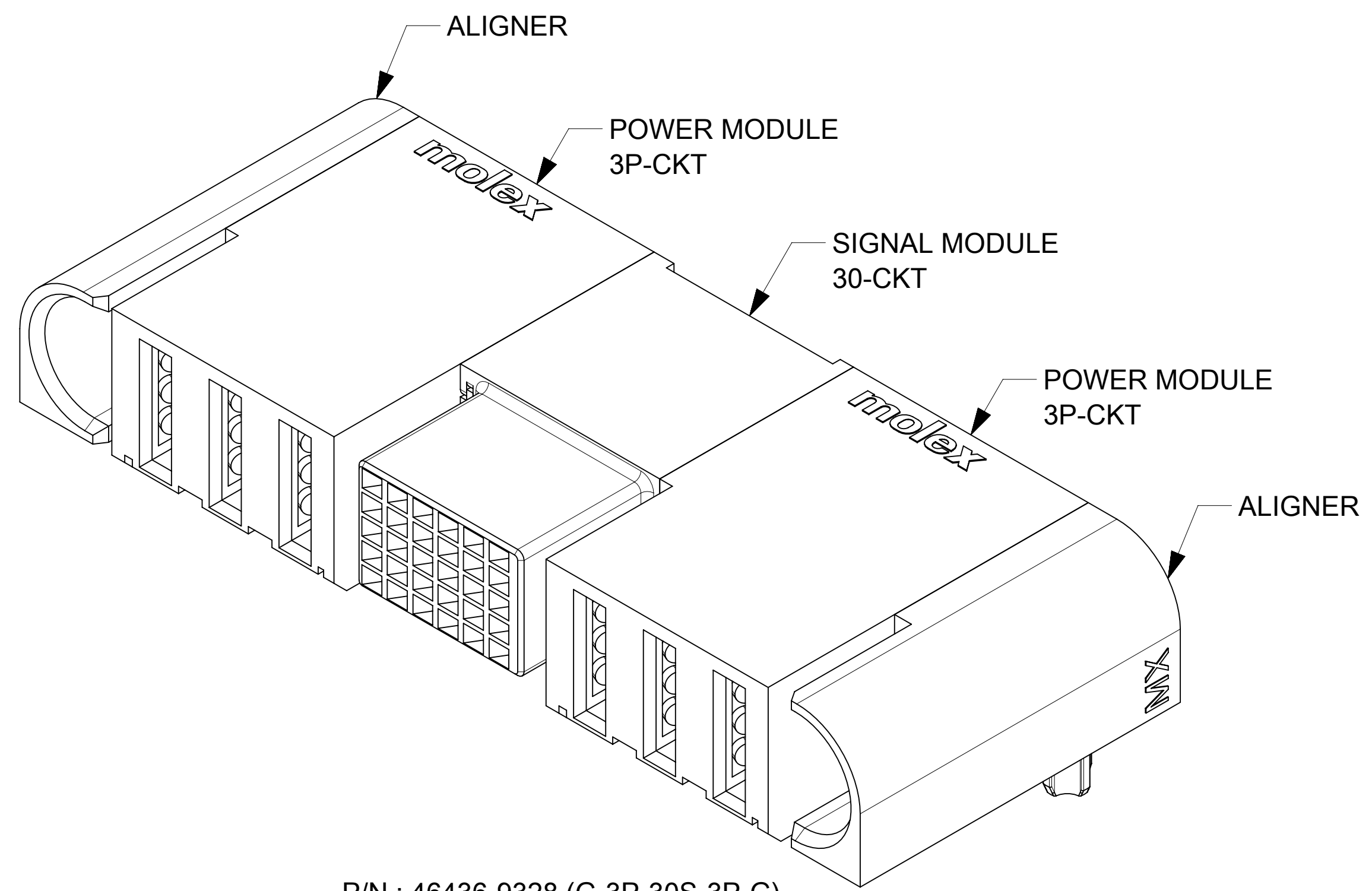
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
464369330	PSD	000	A1



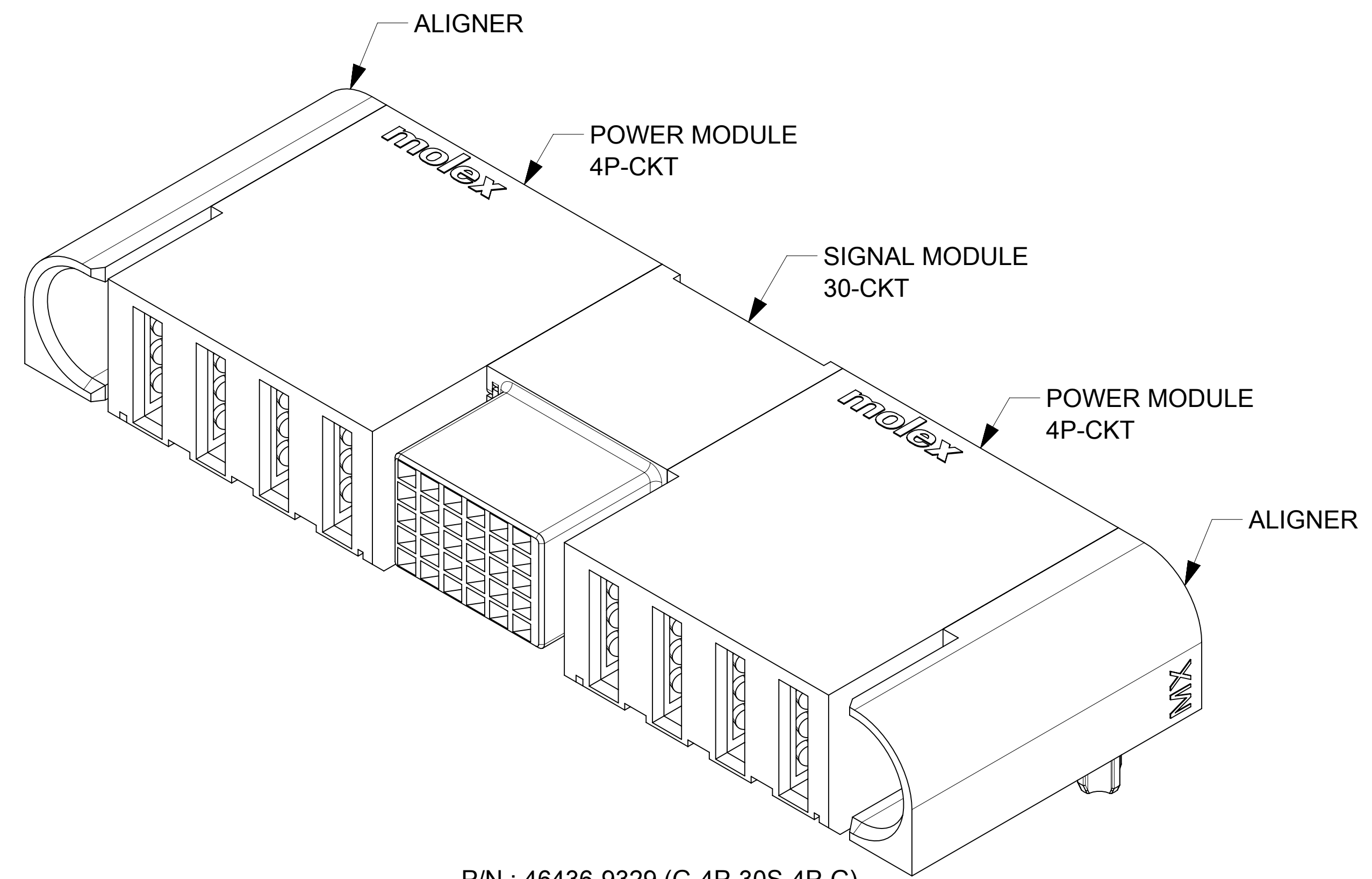
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P/N : 46436-9327 (G-2P-30S-2P-G)



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		2022/02/14					
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		SHEET NUMBER					
		4 OF 4									