

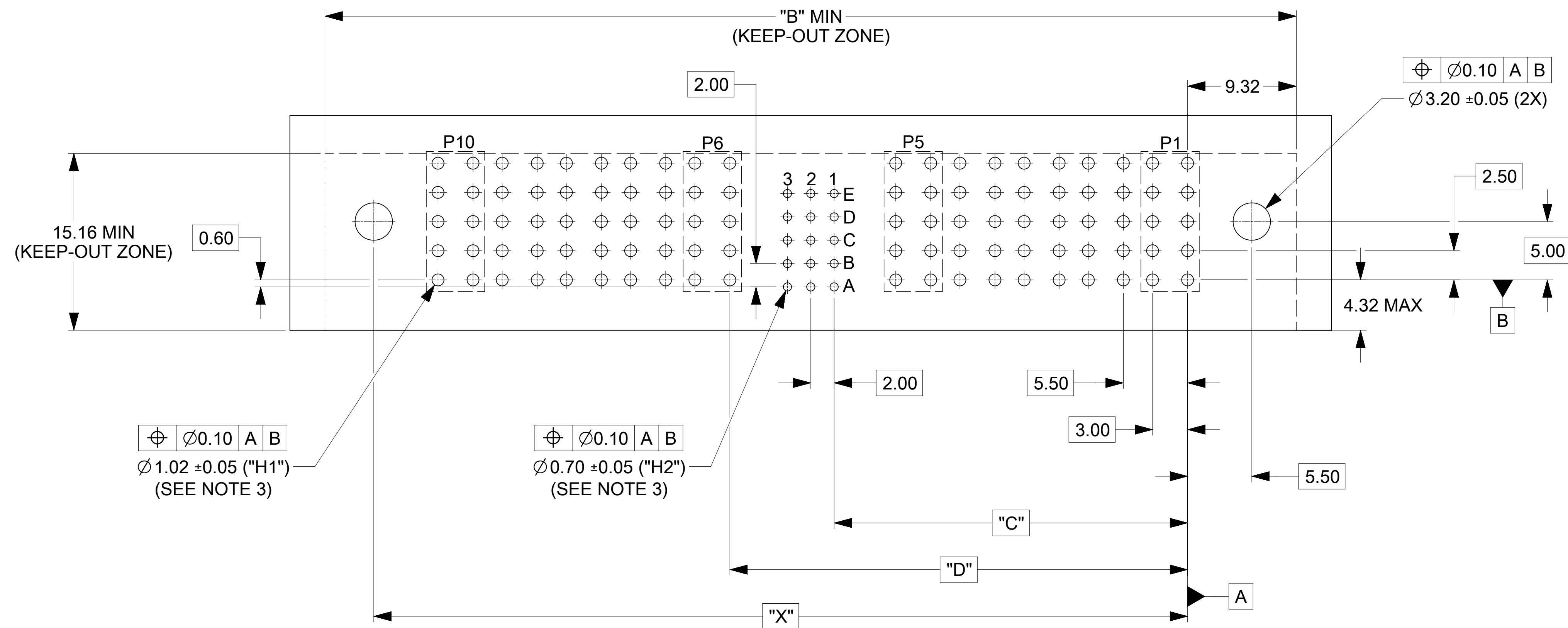
NOTES:

- 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	DRWN: HARSHG 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	2022/02/14		DRWN: KSUTAR	2021/08/17	
0 PLACES ±	APPR: HTHYAGARAJ	2021/10/21		APPR: HTHYAGARAJ	2021/10/21	
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



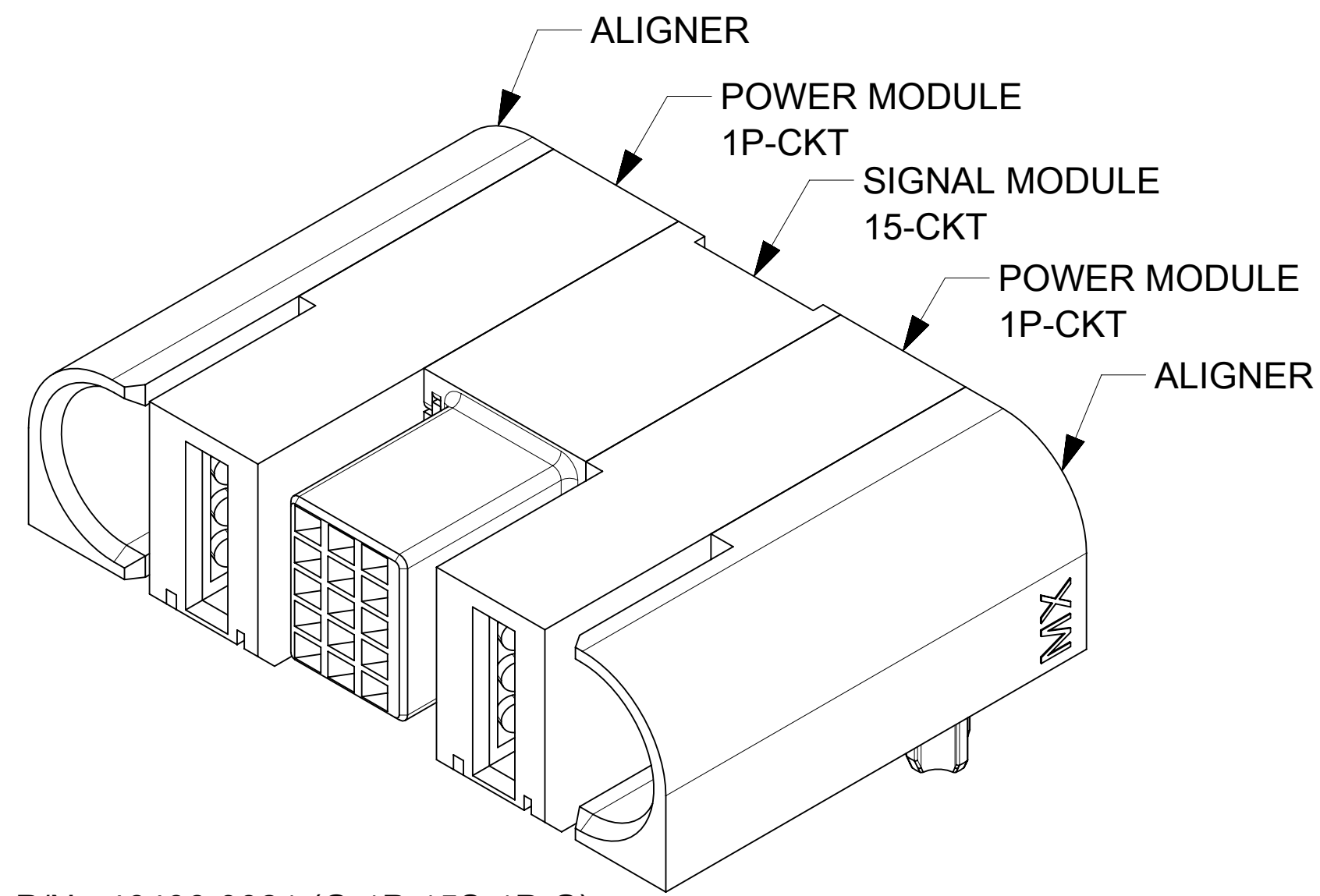
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1P TO 5P)-15S-(1P TO 5P)-G

REFER TO BELOW TABLE FOR DIMENSIONS.

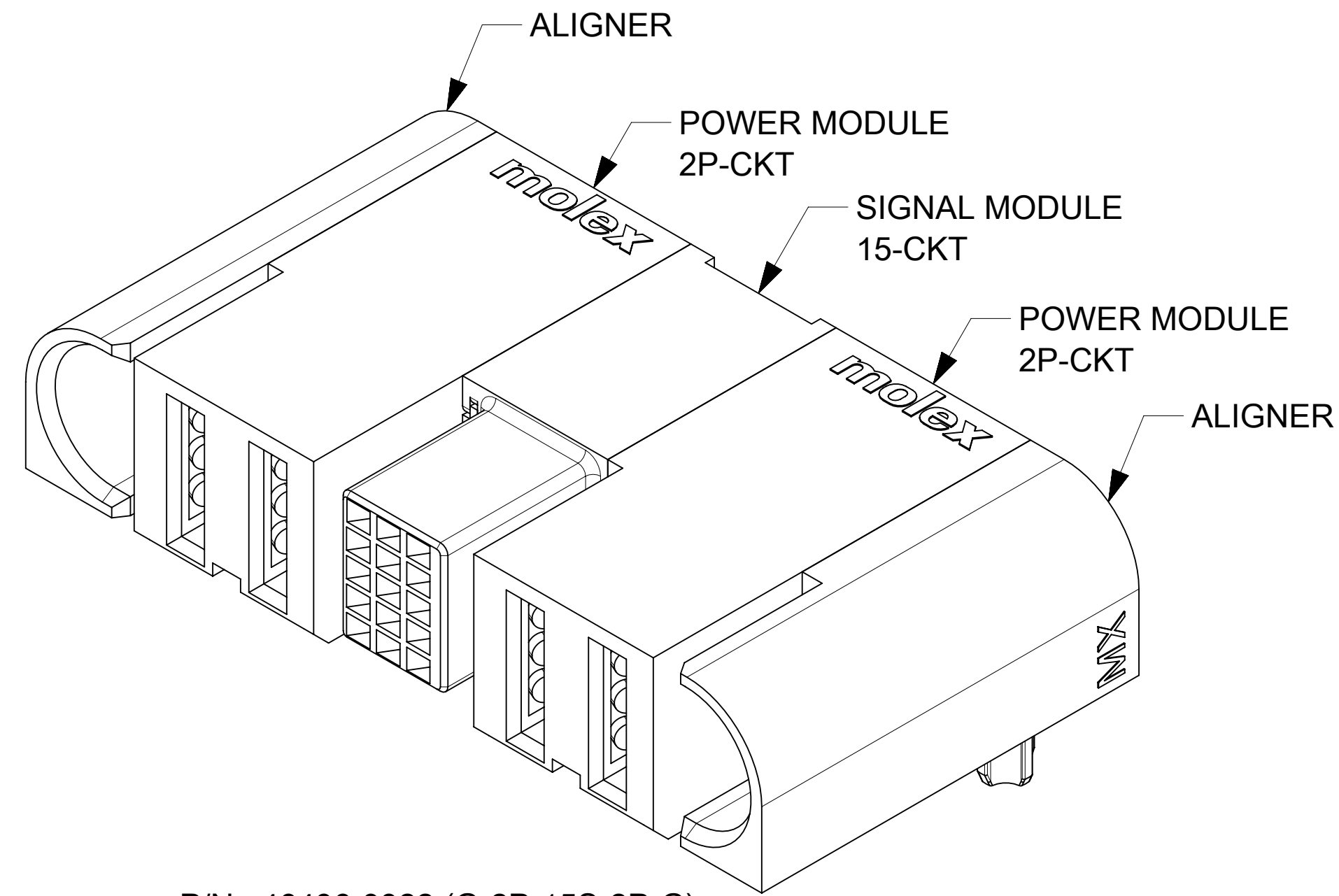
FG P/N	CONFIGURATION	POWER CKT SIZE	SIGNAL CKT SIZE	DIM "A" (IN MM)	DIM "B" (IN MM)	DIM "C" (IN MM)	DIM "D" (IN MM)	DIM "X" (IN MM)	HOLES COUNT "H1"	HOLES COUNT "H2"	MATES WITH R/A PLUG ASSY P/N
464369321	G-1P-15S-1P-G	1	15	38.21	39.21	8.28	17.21	25.71	20	15	464379321
464369322	G-2P-15S-2P-G	2	15	49.21	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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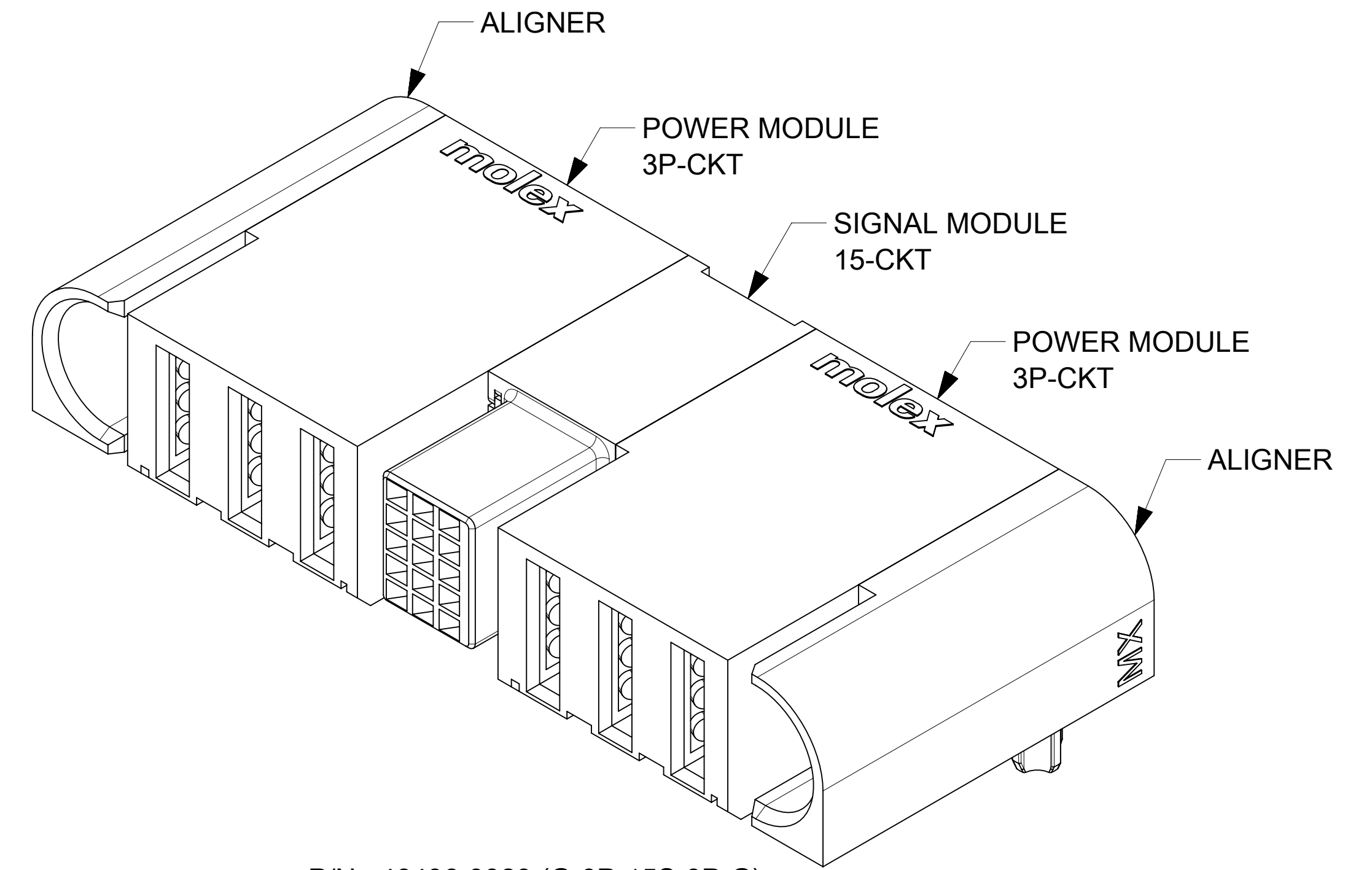
DIMENSION UNITS mm	SCALE 4:1	CURRENT REV DESC: ADDED ISOMETRIC VIEWS				
GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL	± 0.5°	EC NO: 689821	G-*P-*S-*P-G R/A RECEP ASSY - TEN60 POWER FAMILY			
4 PLACES	±	DRWN: HARSHG 2021/12/13				
3 PLACES	±	CHK'D: GJEEVANSURES 2021/12/22	PRODUCT CUSTOMER DRAWING			
2 PLACES	± 0.13	APPR: HTHYAGARAJ 2022/02/14				
1 PLACE	± 0.25	INITIAL REVISION:	DOCUMENT NUMBER: 464369330 DOC TYPE: PSD DOC PART: 000 REVISION: A1			
0 PLACES	±	DRWN: KSUTAR 2021/08/17 APPR: HTHYAGARAJ 2021/10/21				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		D-SIZE	46436	SEE TABLE	GENERAL MARKET	2 OF 4



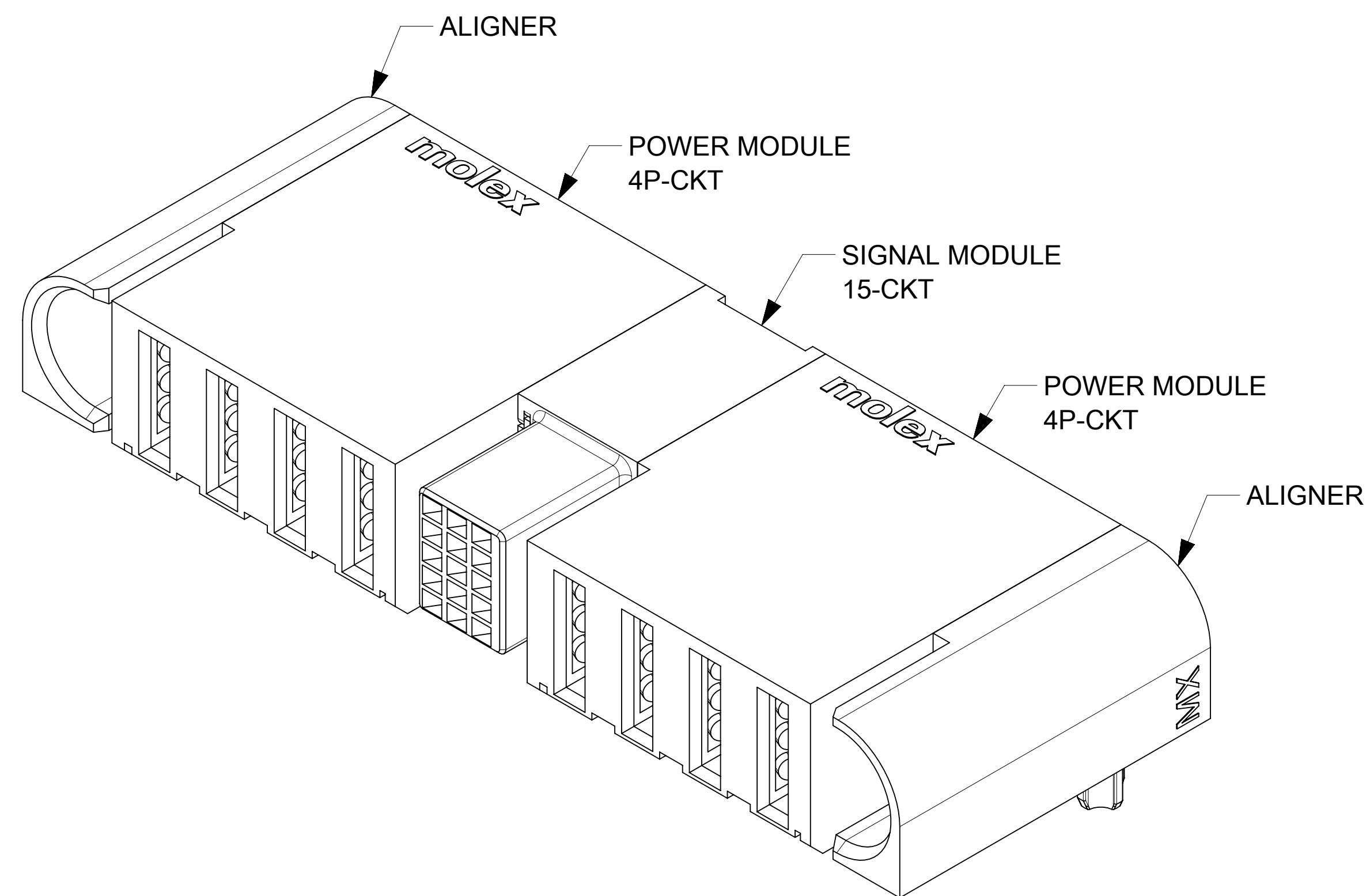
P/N : 46436-9321 (G-1P-15S-1P-G)



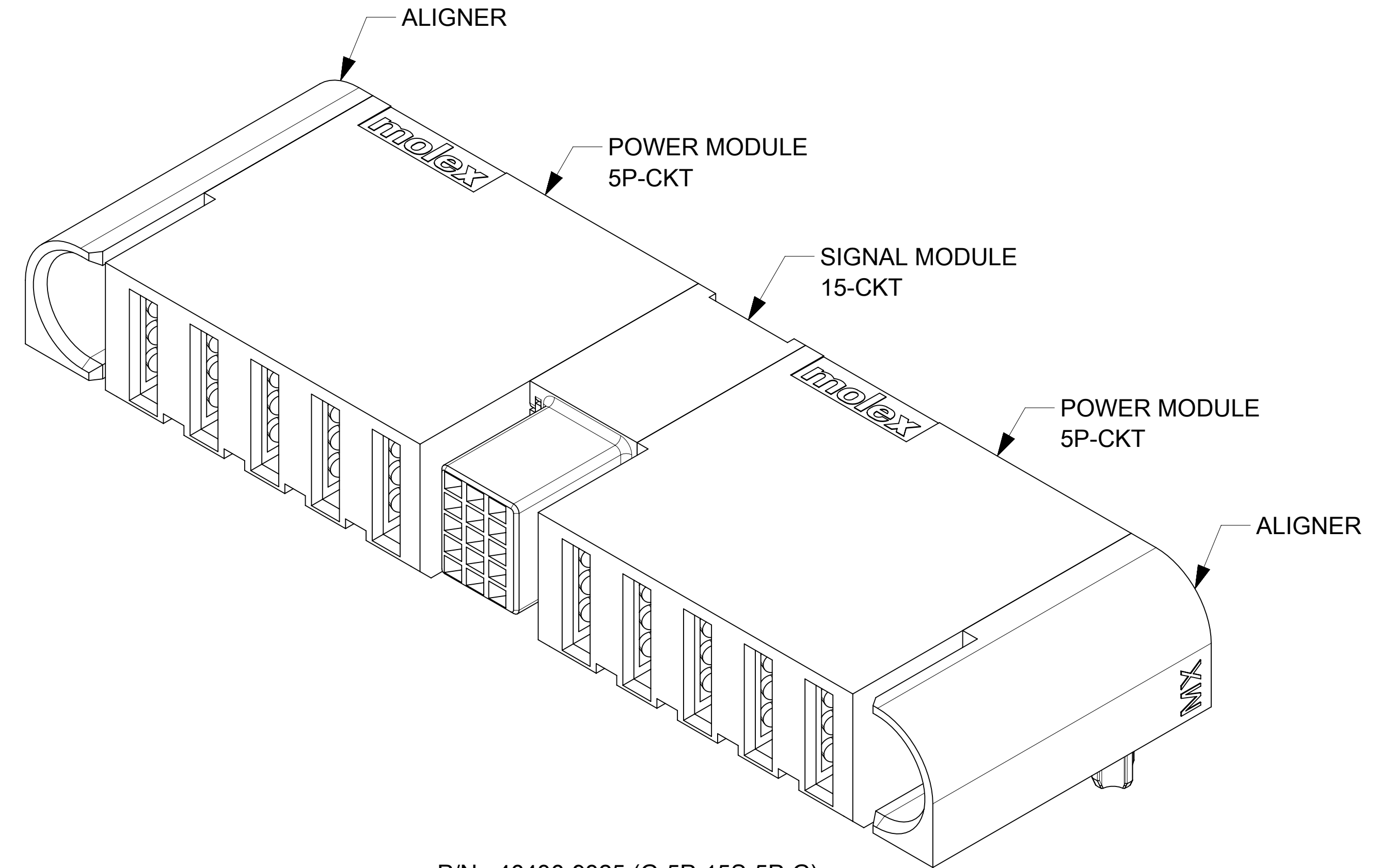
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P/N : 46436-9323 (G-3P-15S-3P-G)



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



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

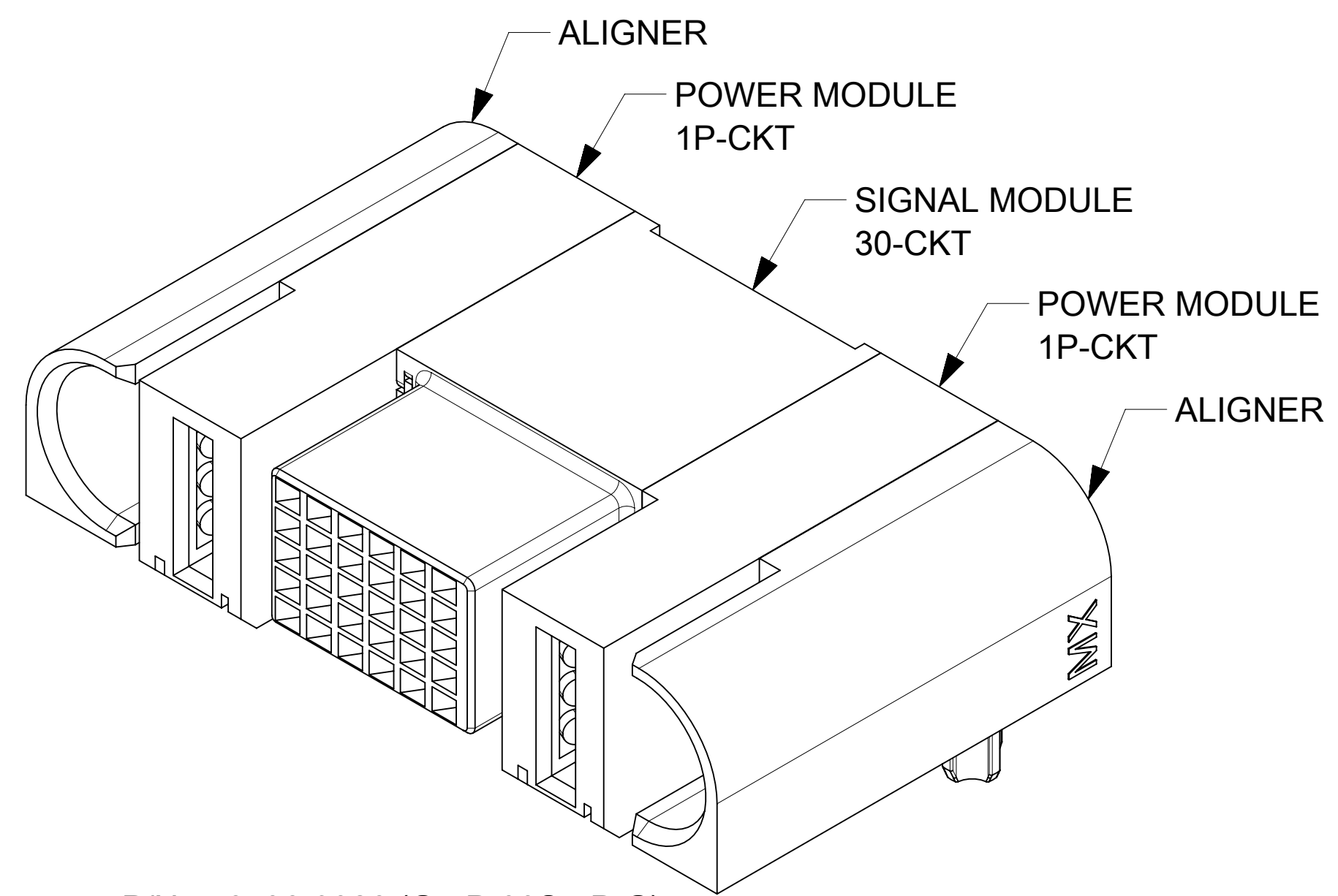
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DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED ISOMETRIC VIEWS							
mm		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 0.5°											
4 PLACES ±				EC NO: 689821							
3 PLACES ±				DRWN: HARSHG				2021/12/13			
2 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	

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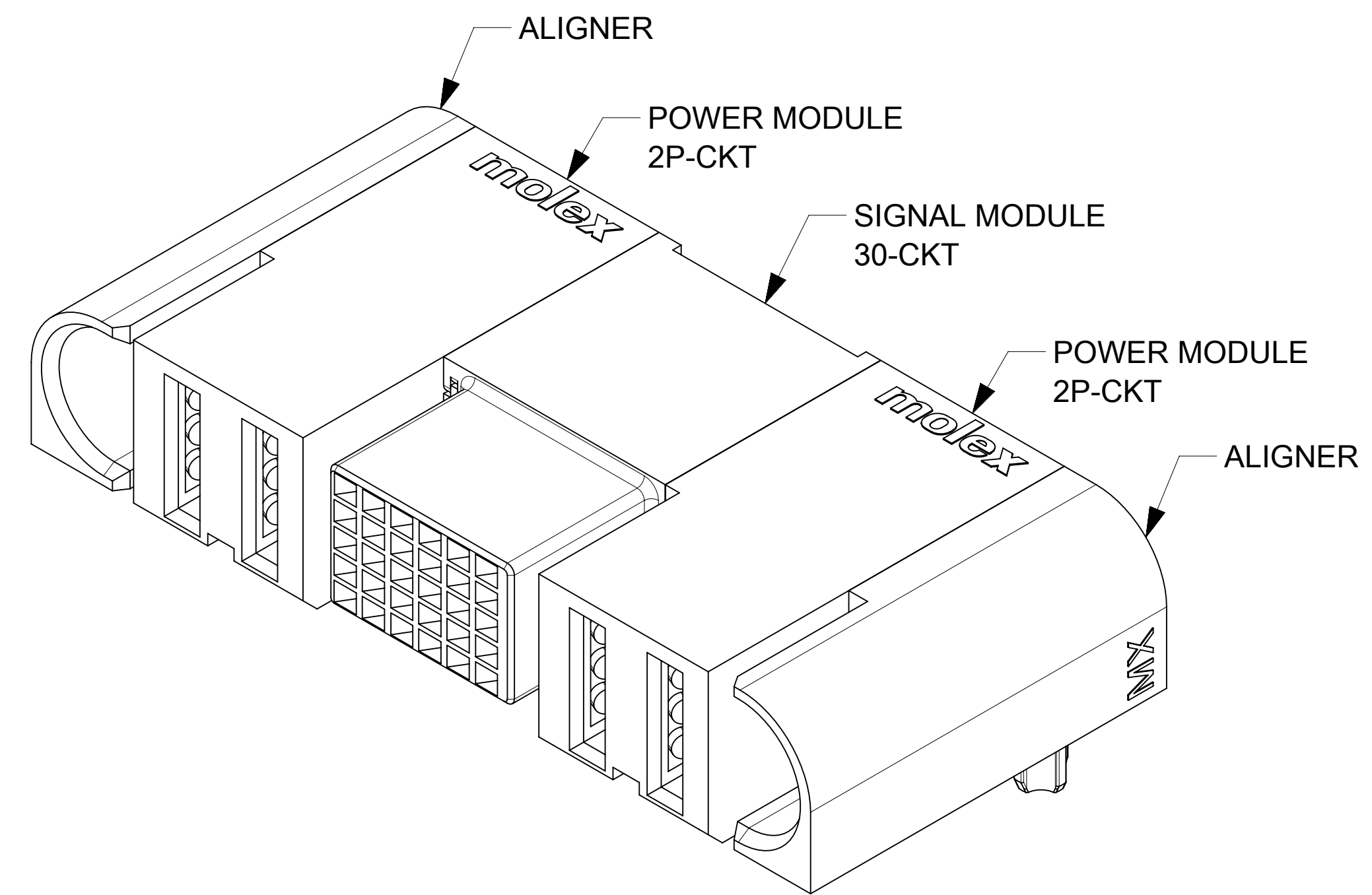
G-*P-*S-*P-G
R/A RECEP ASSY - TEN60 POWER FAMILY

PRODUCT CUSTOMER DRAWING

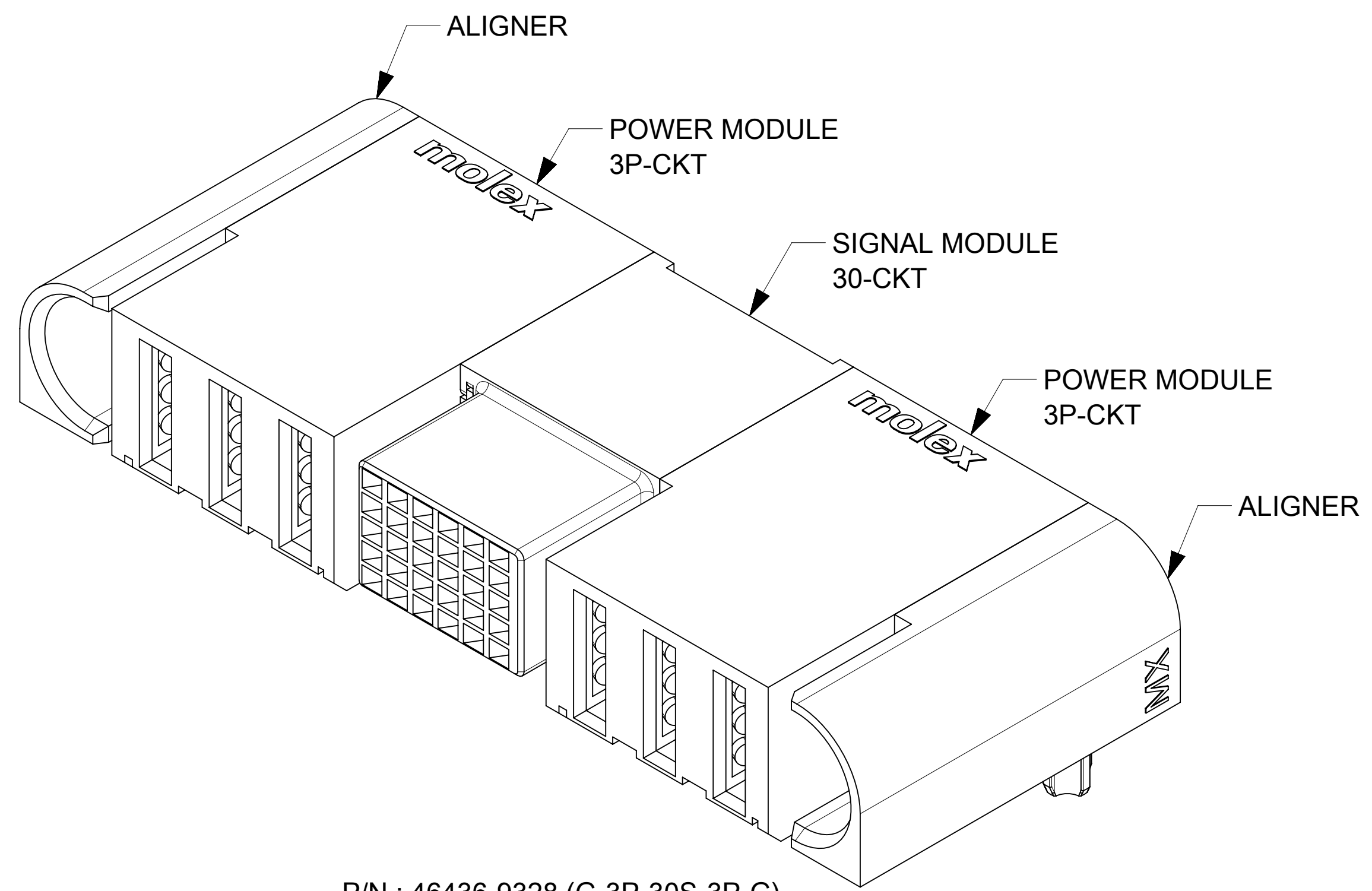
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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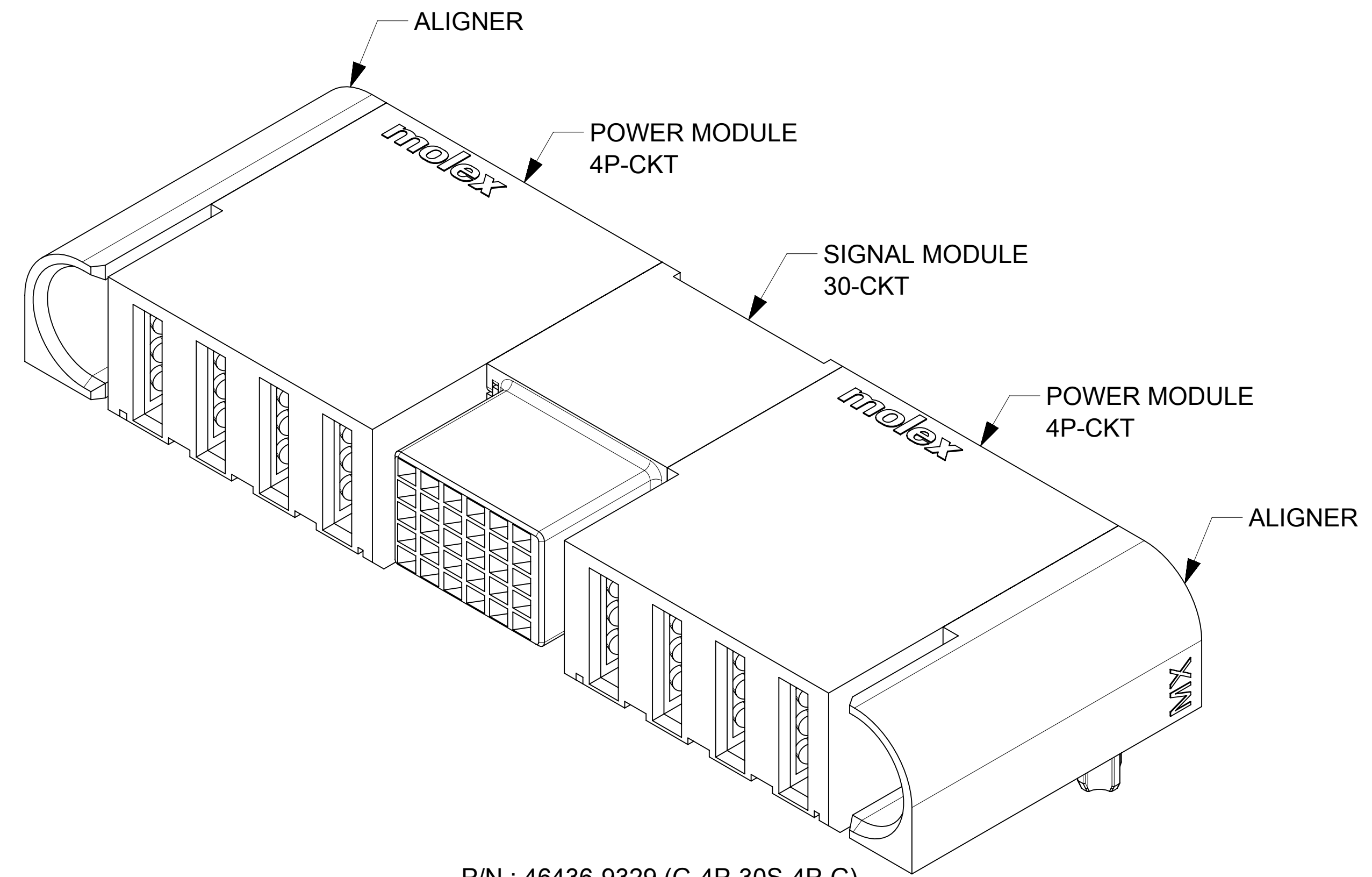
P/N : 46436-9326 (G-1P-30S-1P-G)



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:							
				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	
										4 OF 4	

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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