

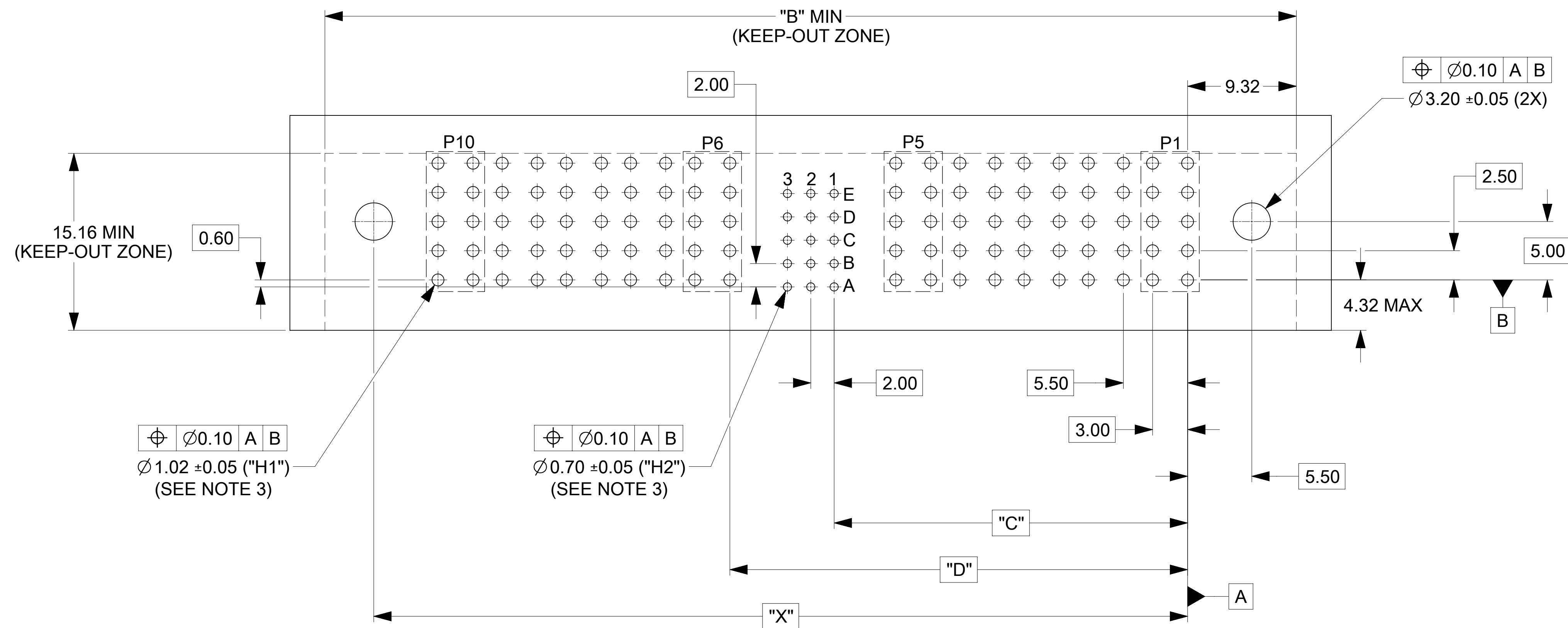
NOTES:

- 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 RECEPT 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	REVISION
3 PLACES	±	DRWN: HARSHG	2021/12/22	464369330	PSD	000	A1
2 PLACES	± 0.13	CHK'D: GJEEVANSURES	2022/02/14	INITIAL REVISION:			
1 PLACE	± 0.25	APPR: HTHYAGARAJ		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



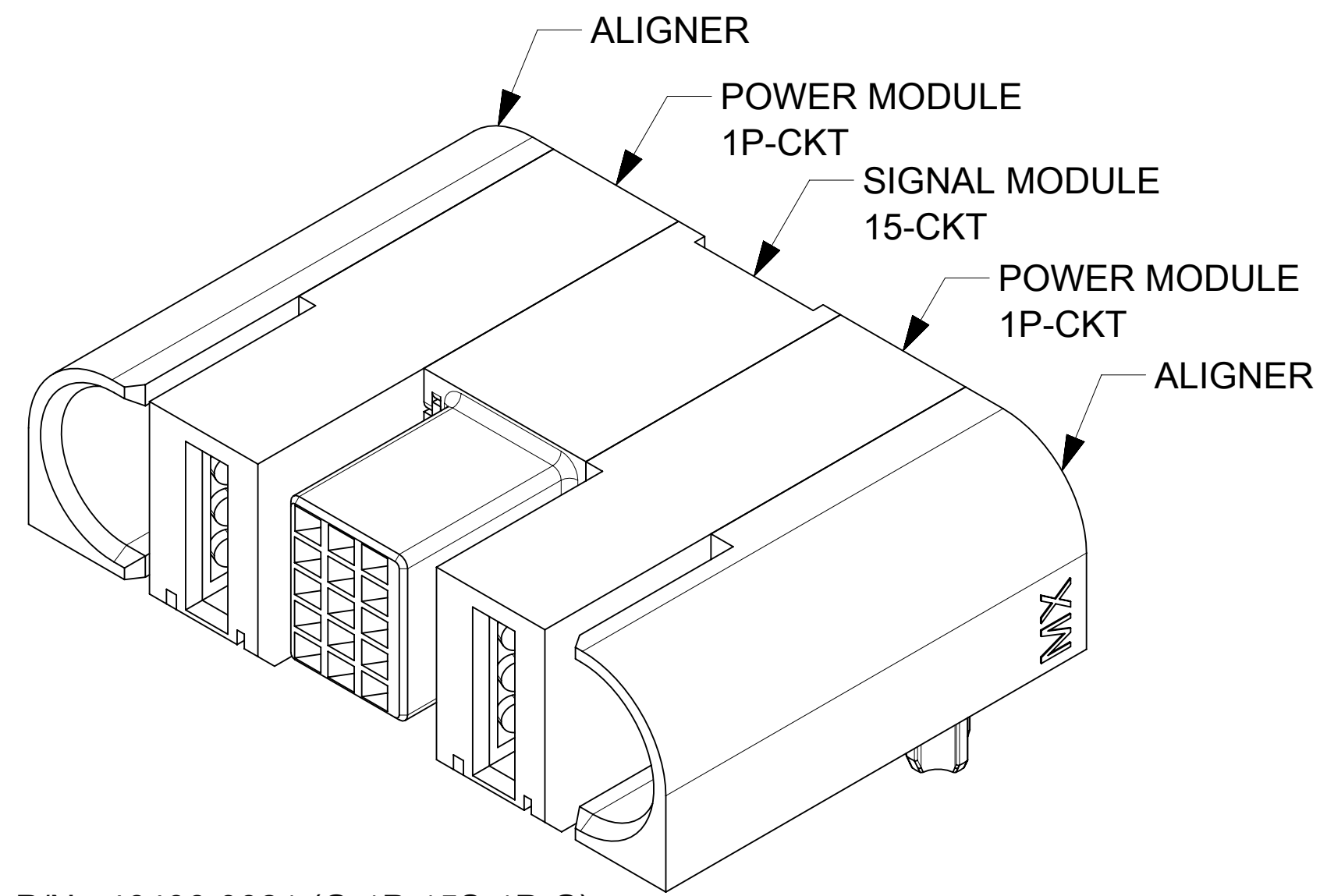
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1P TO 5P)-15S-(1P TO 5P)-G

REFER TO BELOW TABLE FOR DIMENSIONS.

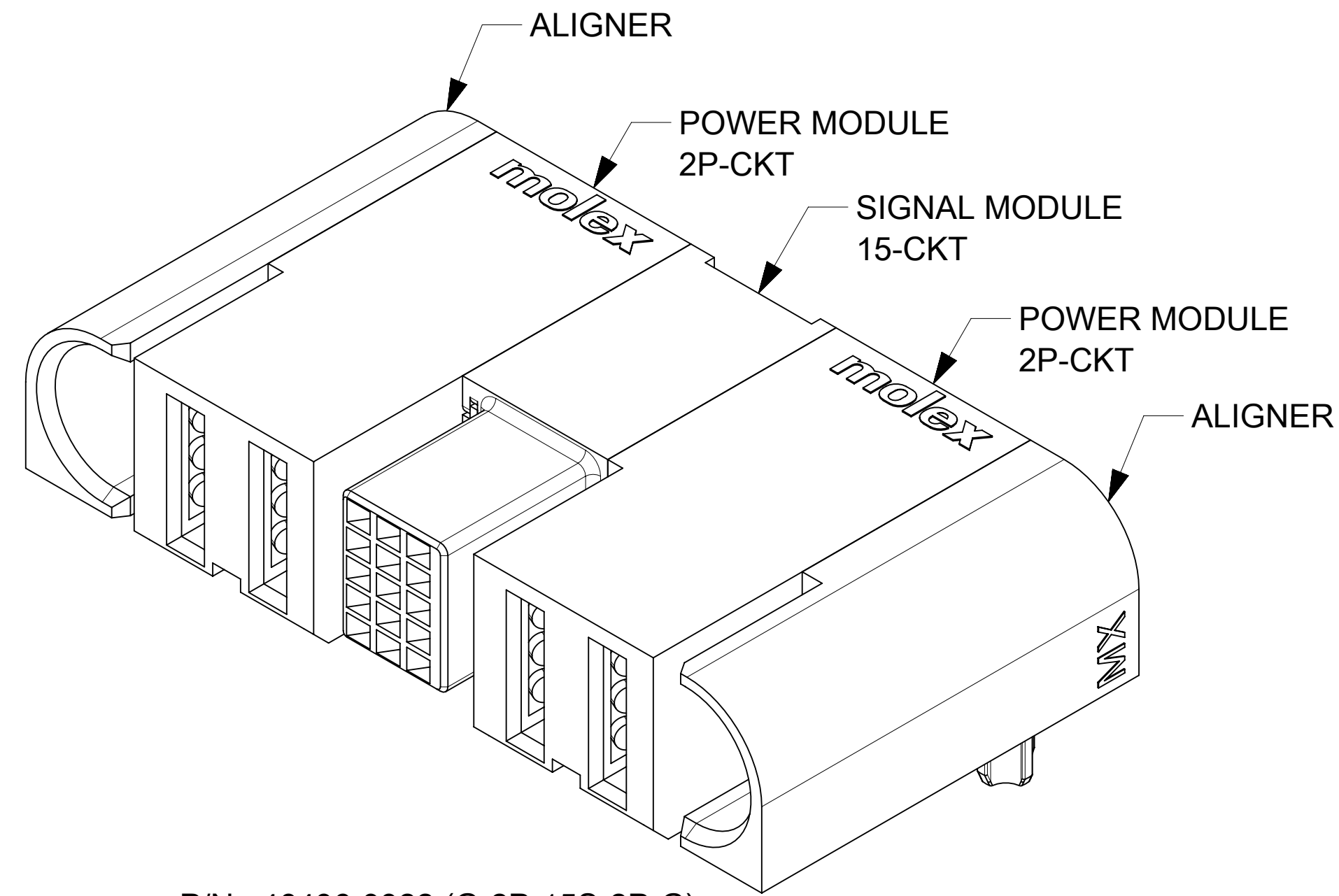
FG P/N	CONFIGURATION	POWER CKT SIZE	SIGNAL CKT SIZE	DIM "A" (IN MM)	DIM "B" (IN MM)	DIM "C" (IN MM)	DIM "D" (IN MM)	DIM "X" (IN MM)	HOLES COUNT "H1"	HOLES COUNT "H2"	MATES WITH R/A PLUG ASSY P/N
464369321	G-1P-15S-1P-G	1	15	38.21	39.21	8.28	17.21	25.71	20	15	464379321
464369322	G-2P-15S-2P-G	2	15	49.21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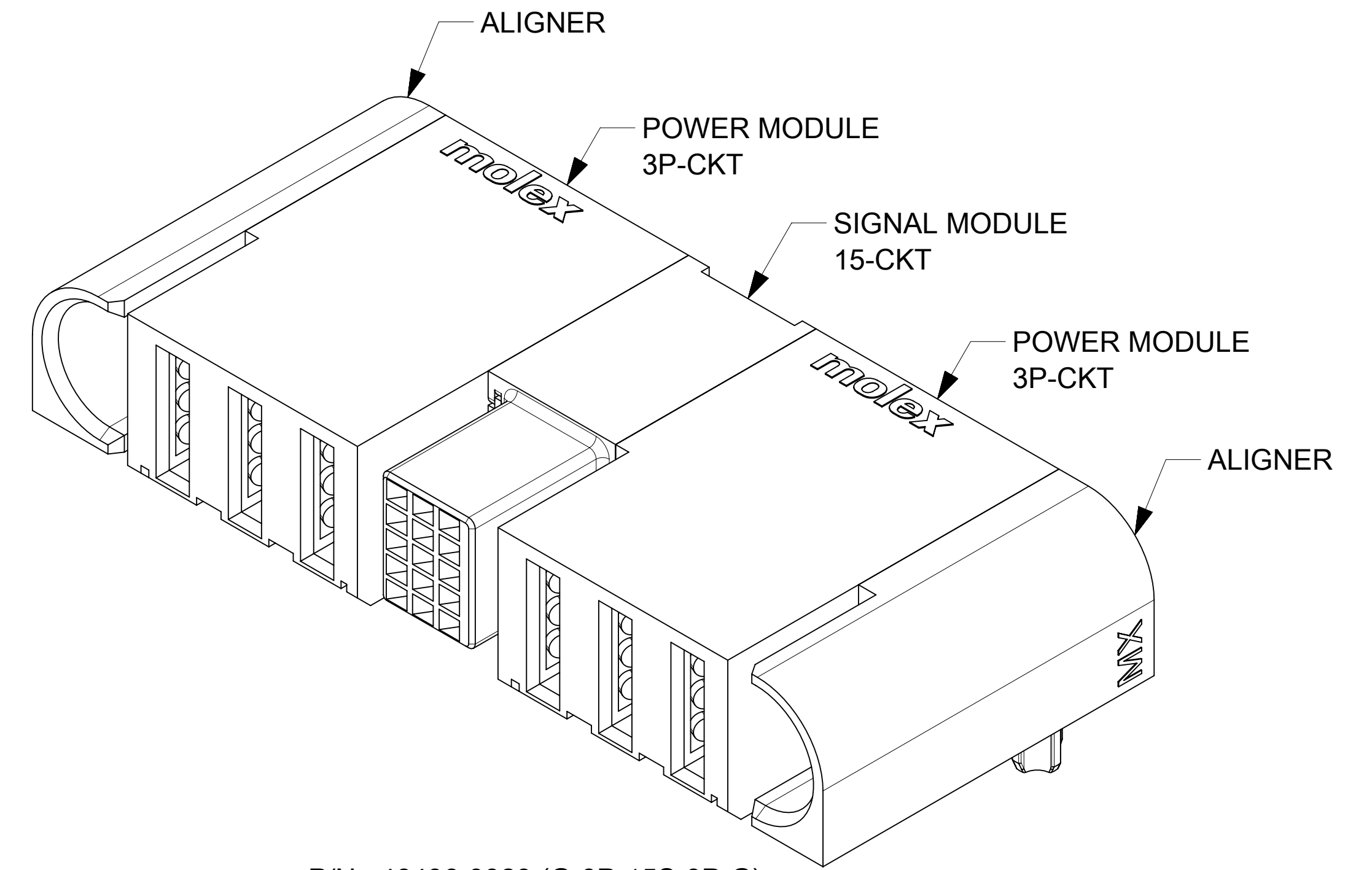
DIMENSION UNITS mm	SCALE 4:1	CURRENT REV DESC: ADDED ISOMETRIC VIEWS	
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 689821	
ANGULAR TOL	± 0.5°	DRWN: HARSHG	2021/12/13
4 PLACES	±	CHK'D: GJEEVANSURES	2021/12/22
3 PLACES	±	APPR: HTHYAGARAJ	2022/02/14
2 PLACES	± 0.13	INITIAL REVISION:	
1 PLACE	± 0.25	DRWN: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



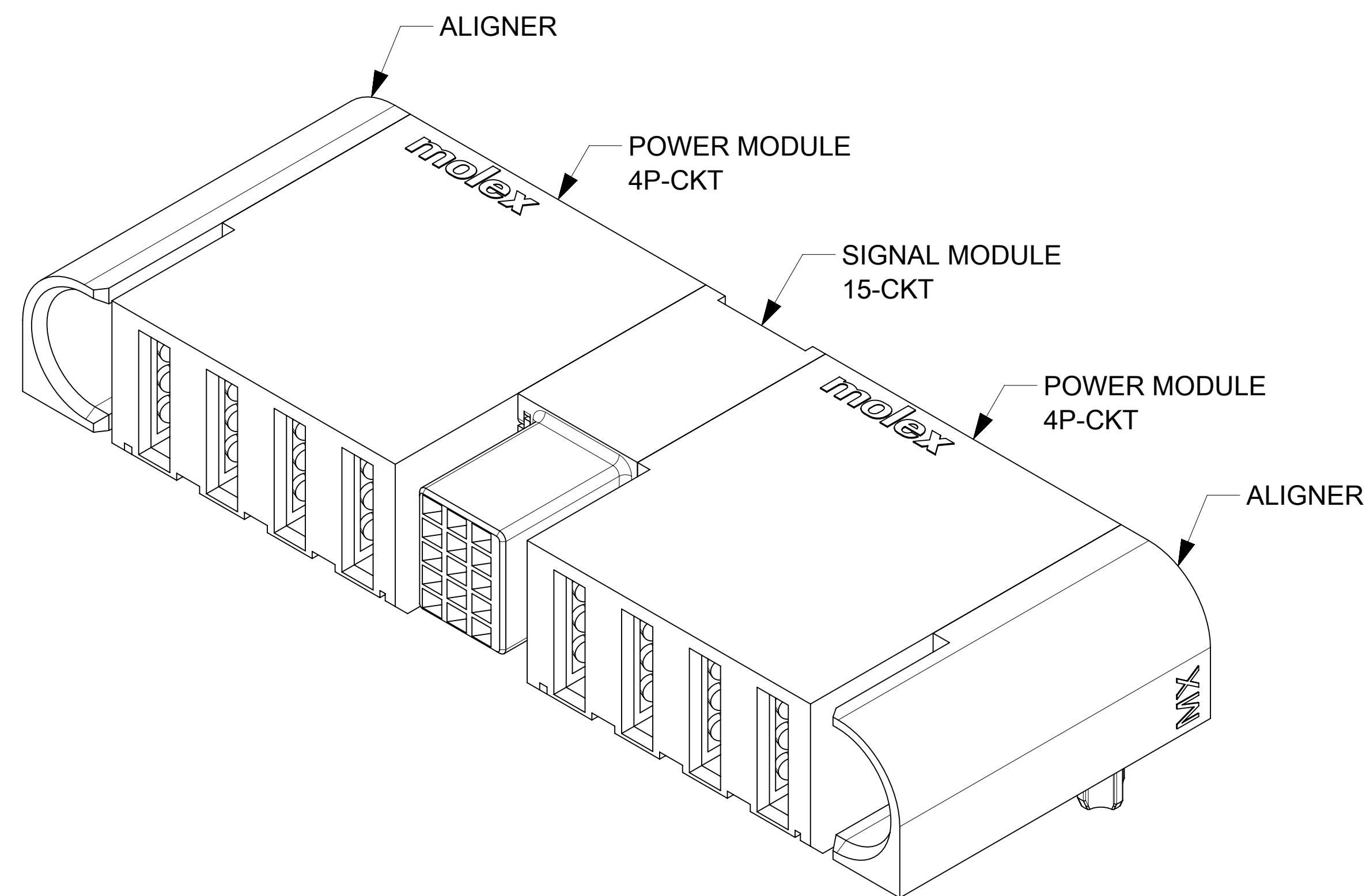
P/N : 46436-9321 (G-1P-15S-1P-G)



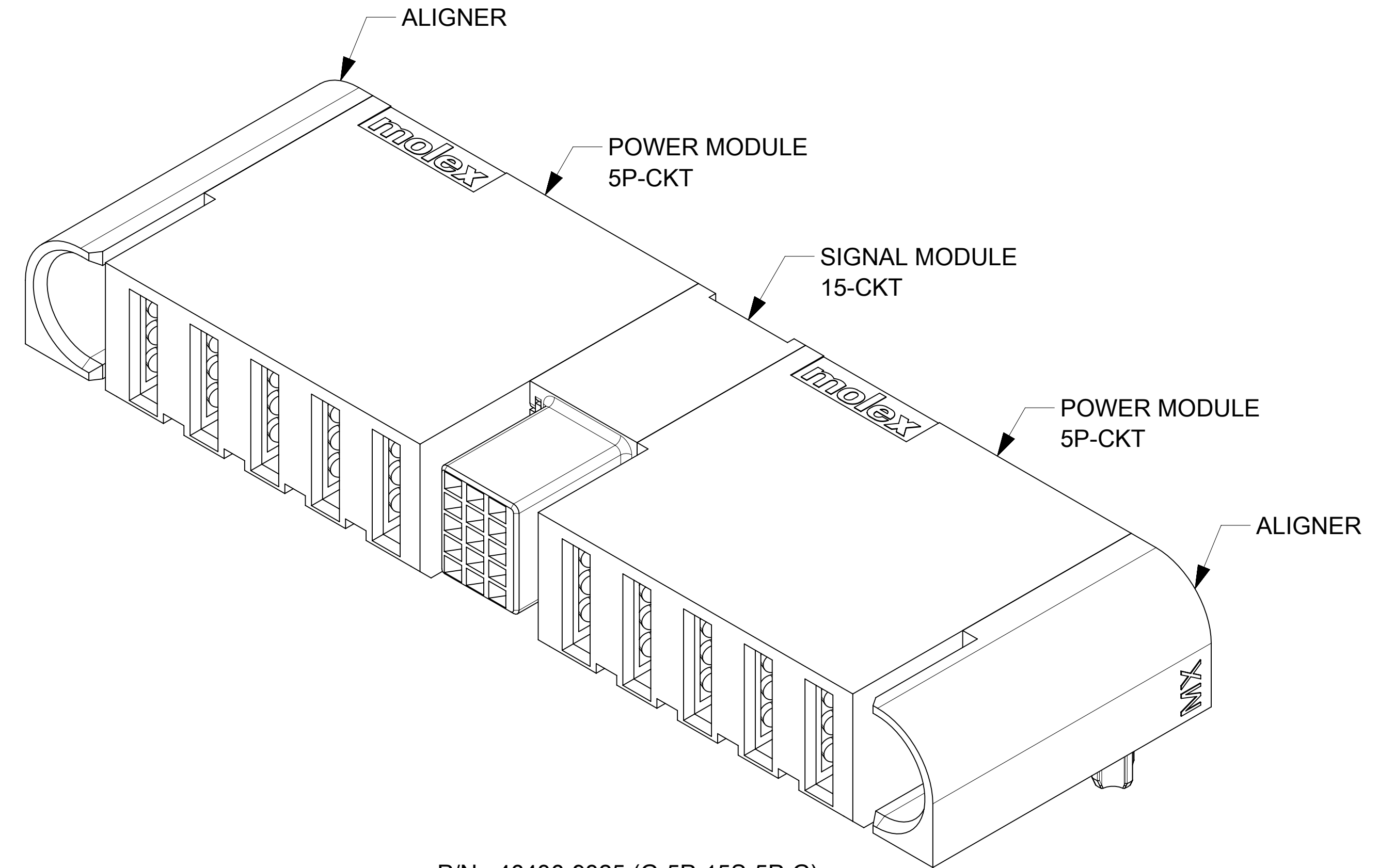
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P/N : 46436-9323 (G-3P-15S-3P-G)

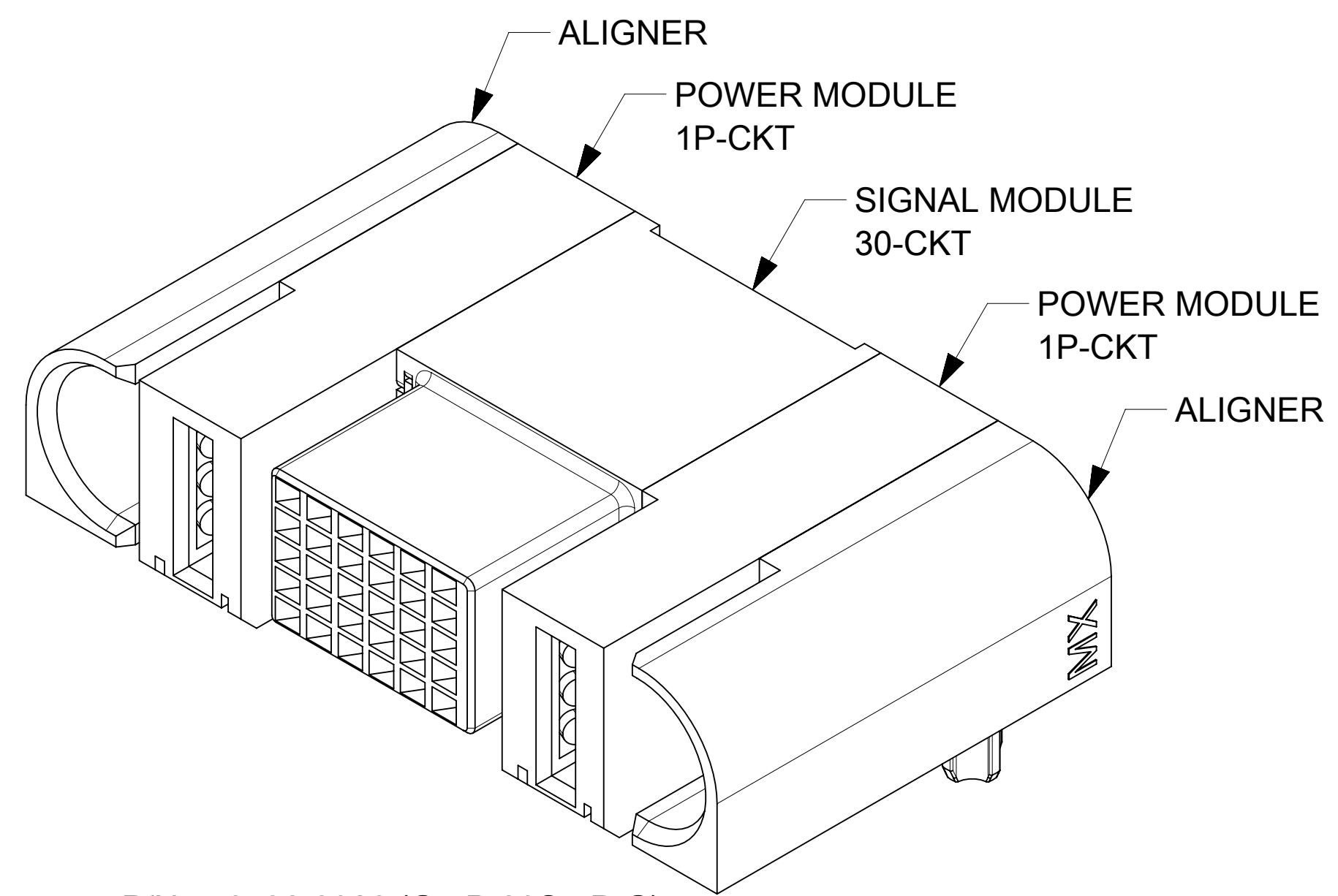


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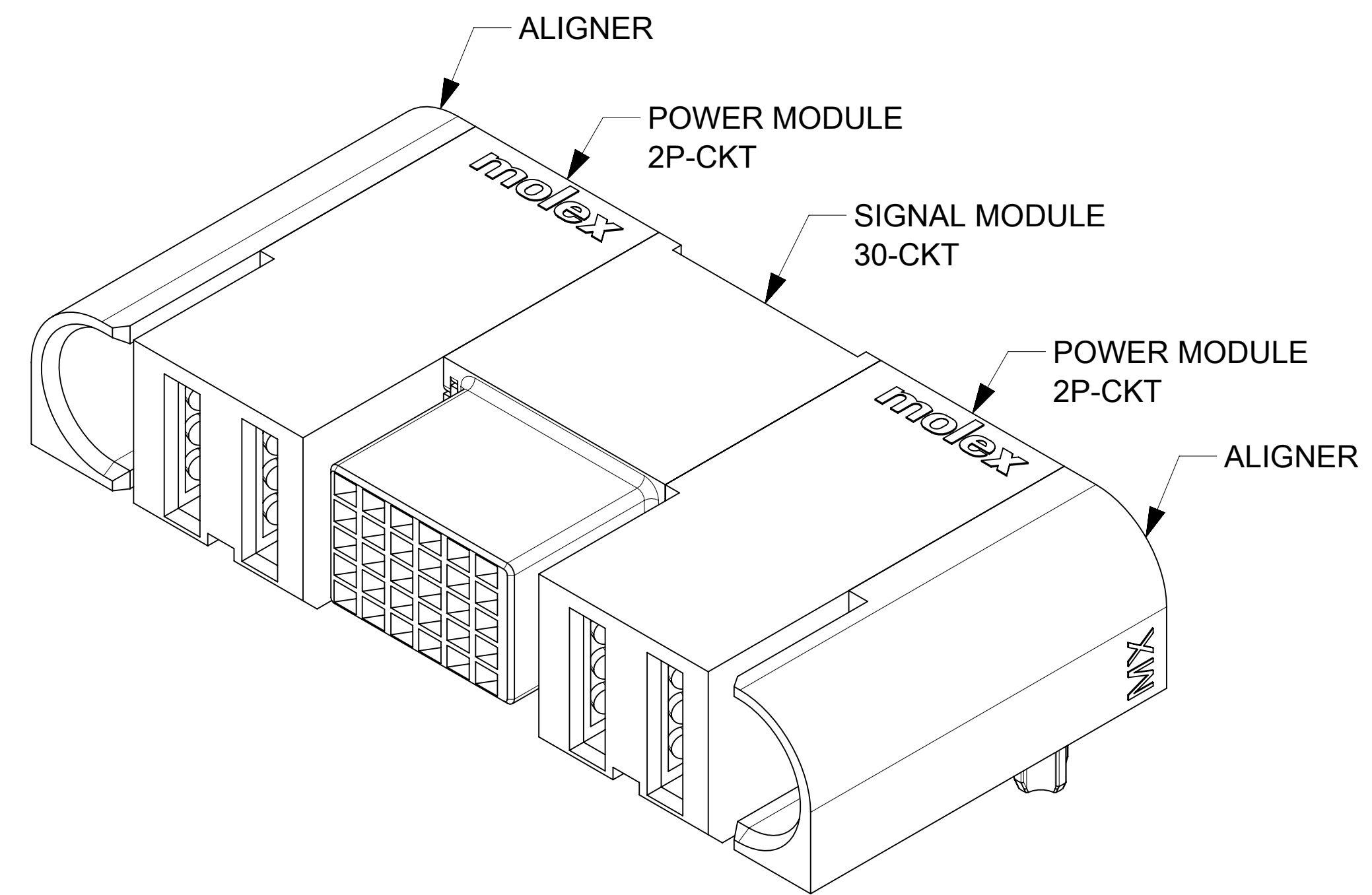


P/N : 46436-9325 (G-5P-15S-5P-G)

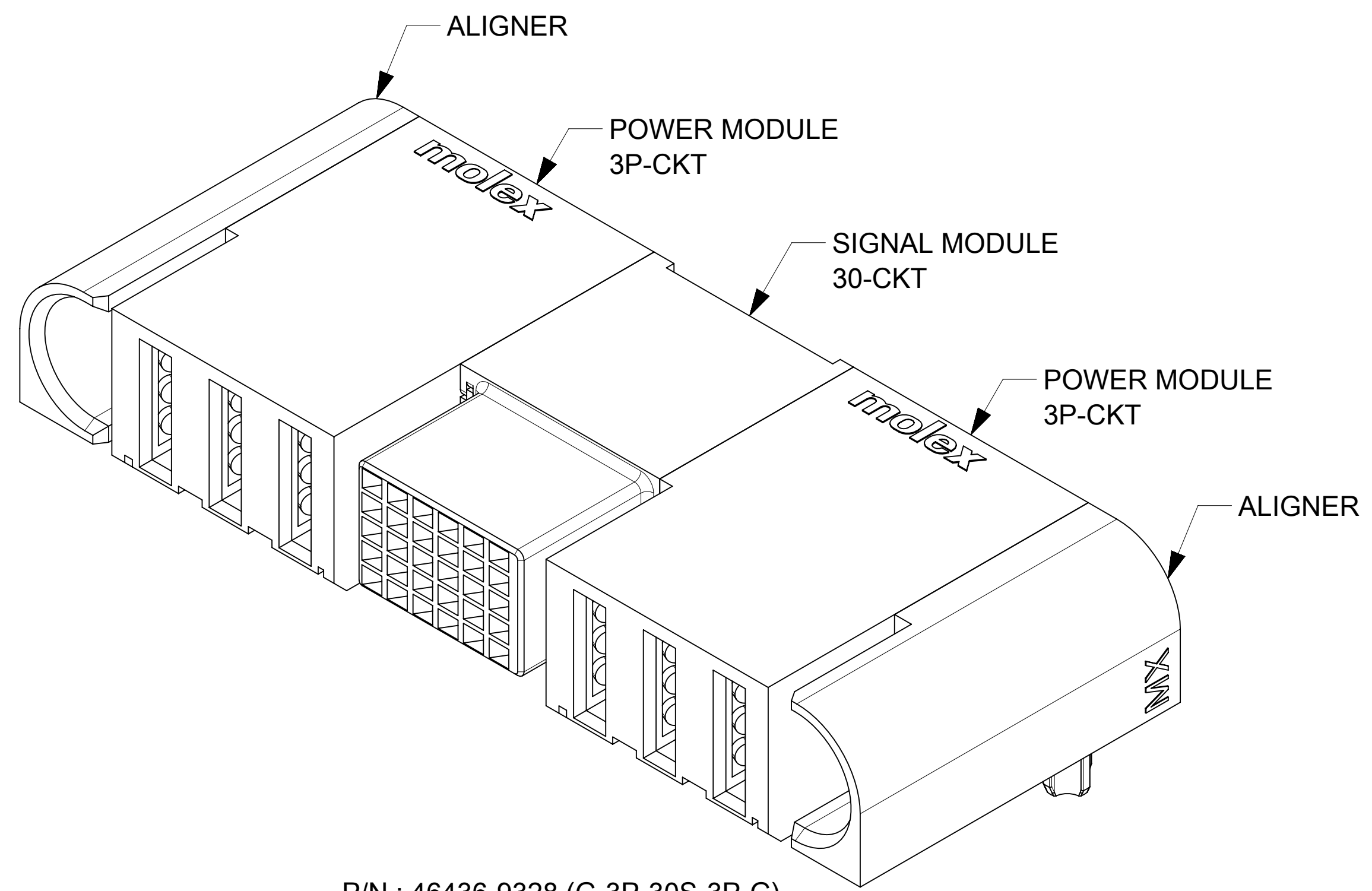
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED ISOMETRIC VIEWS					
mm		4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5°									
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		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					



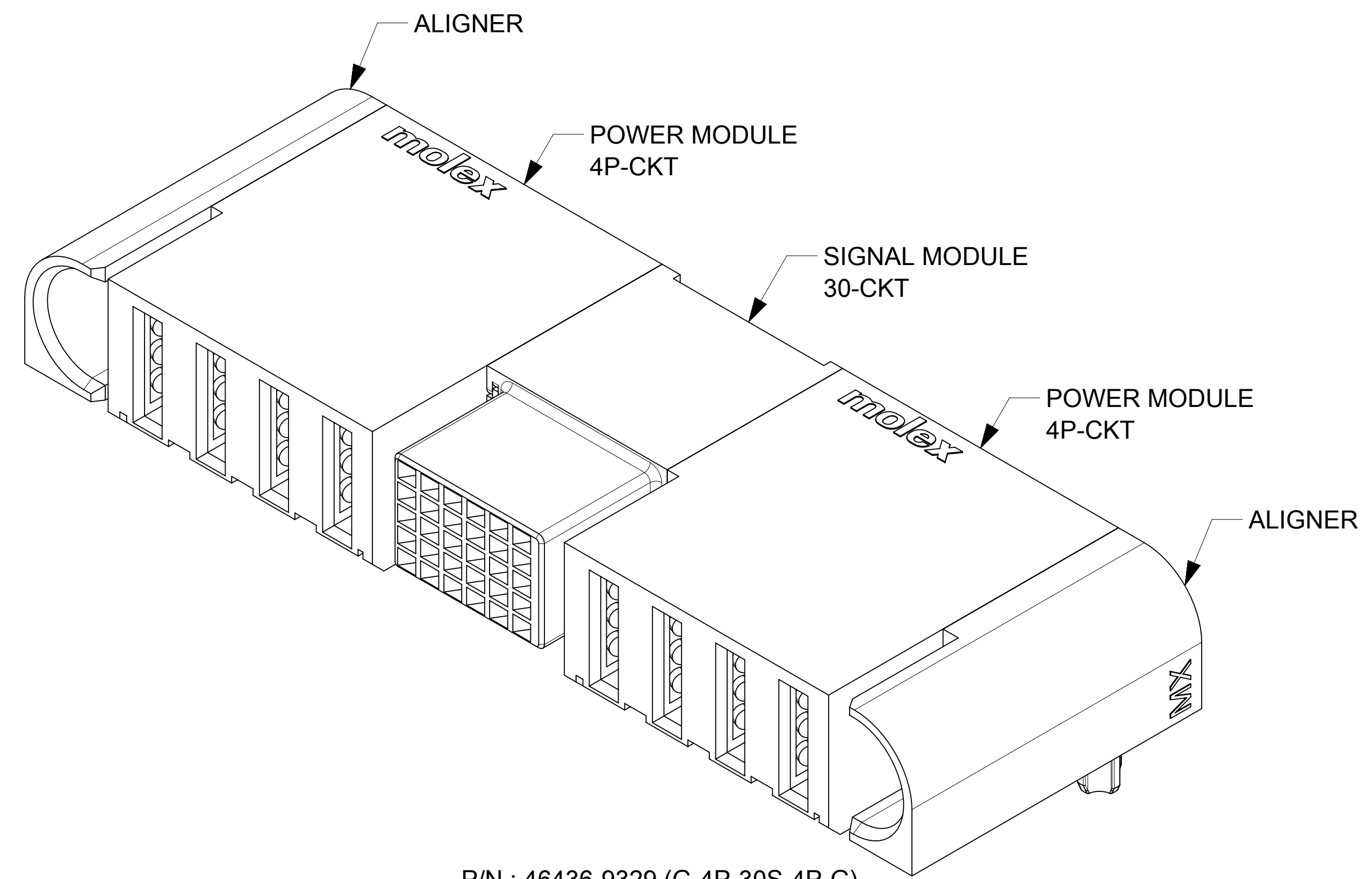
P/N : 46436-9326 (G-1P-30S-1P-G)



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		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	
								4 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

DOCUMENT STATUS	P1	RELEASE DATE	2022/02/14 09:01:58
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