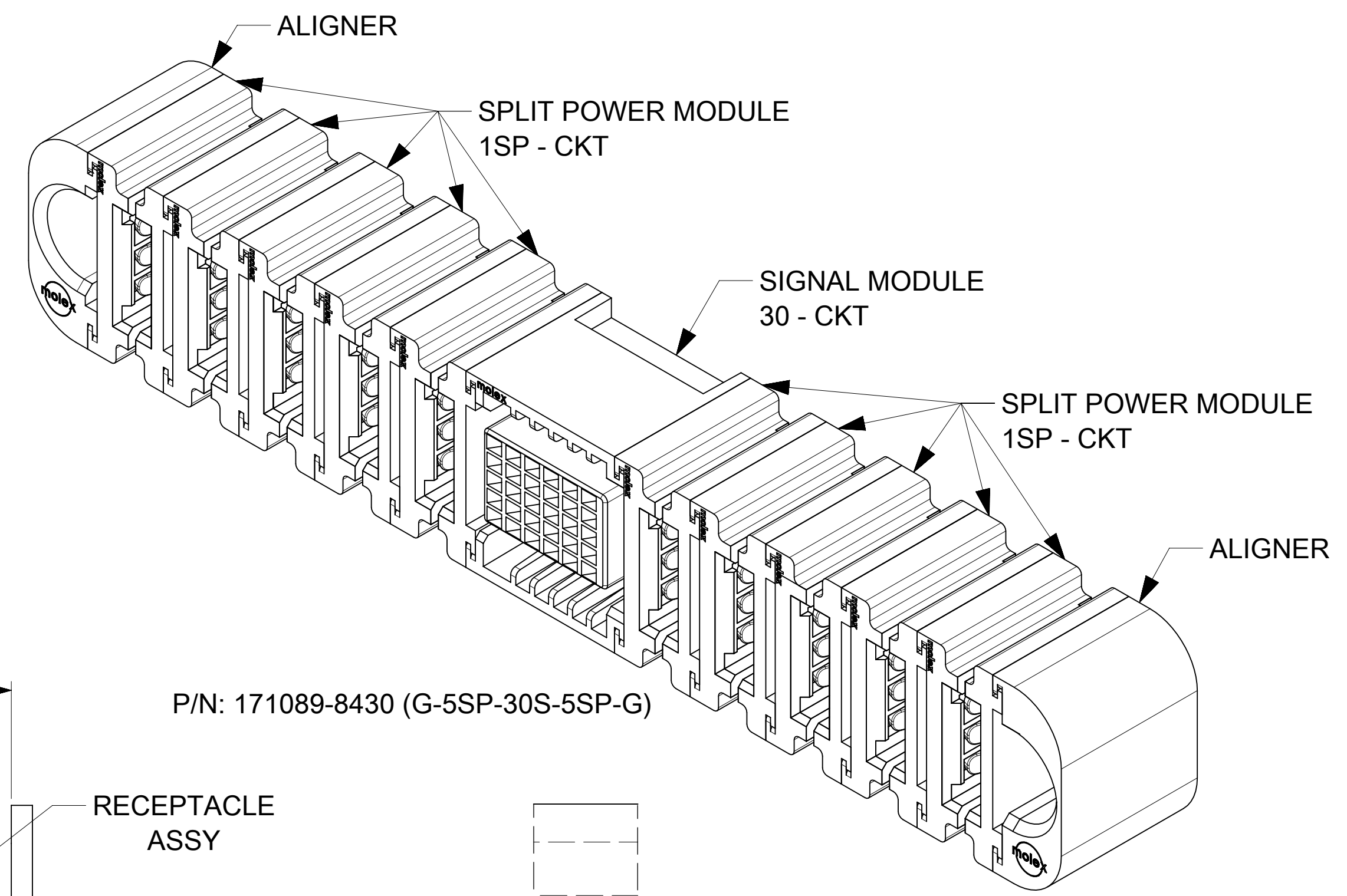
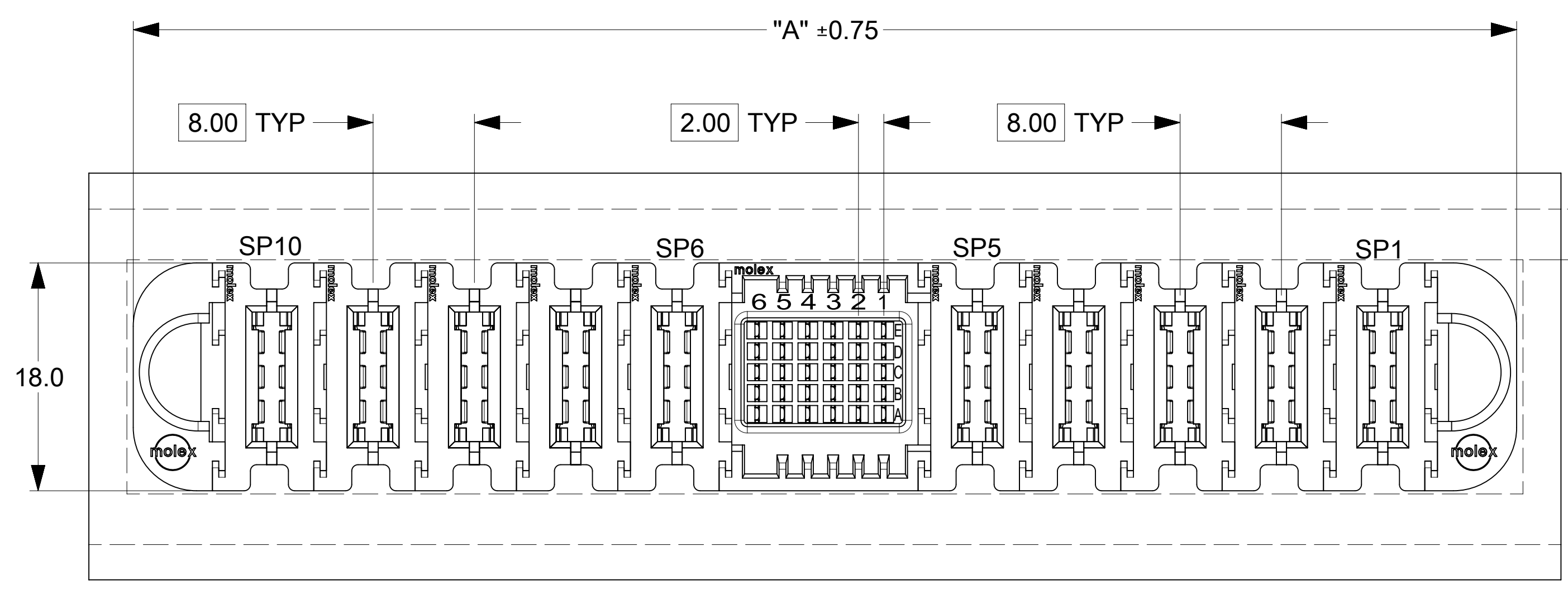


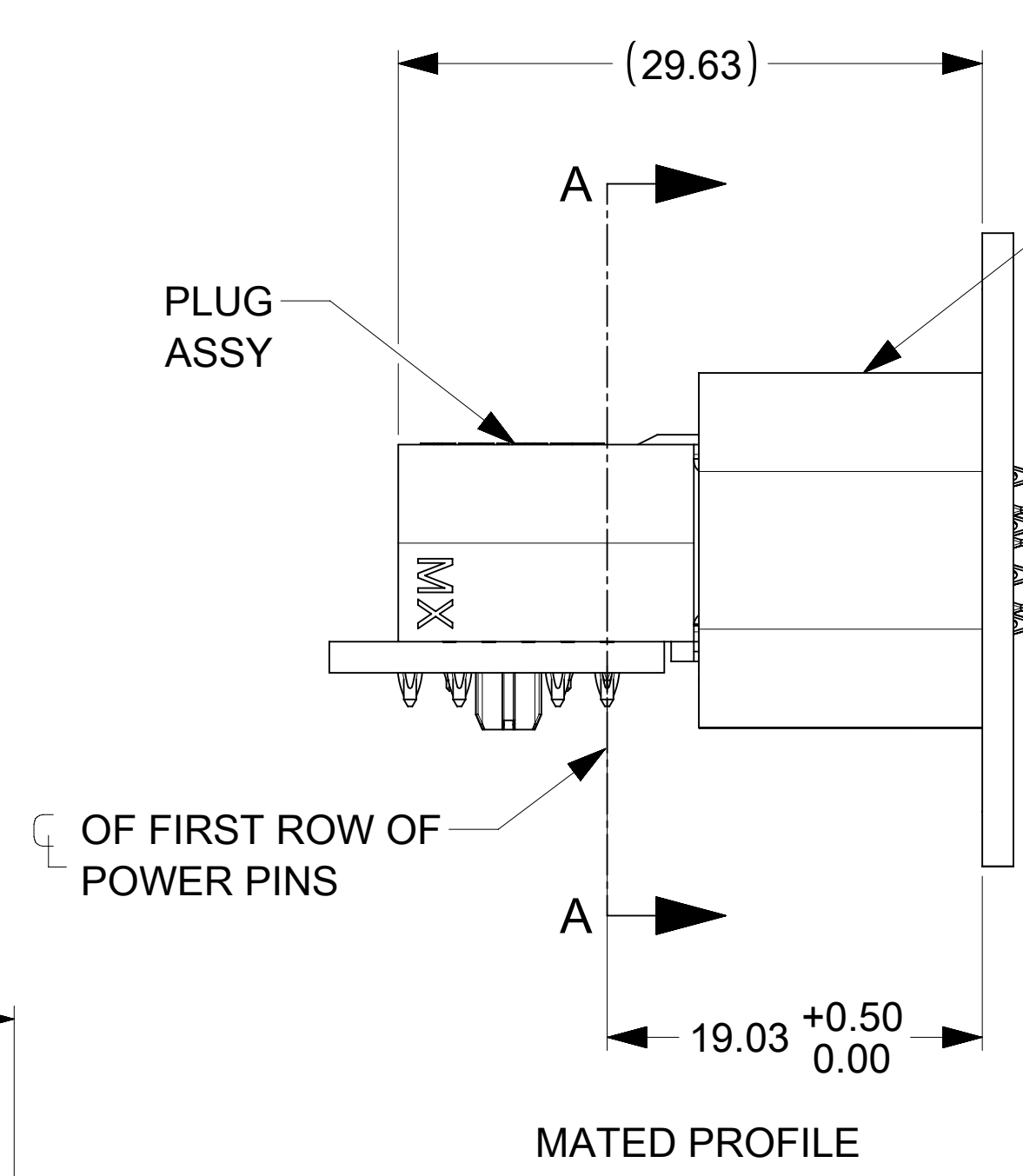
1.58 MIN
(PCB THICKNESS)



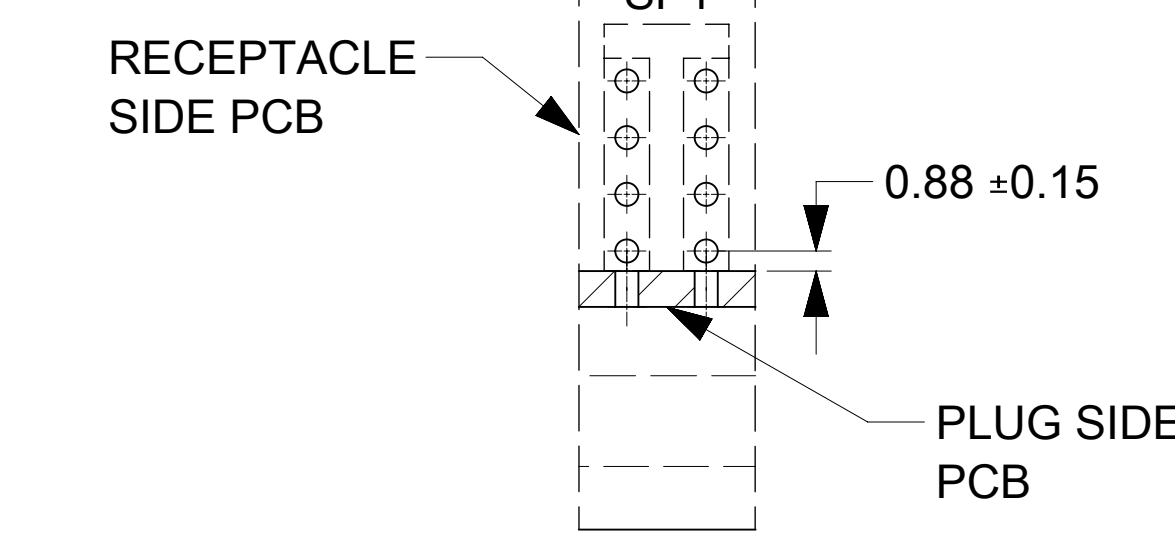
P/N: 171089-8430 (G-5SP-30S-5SP-G)



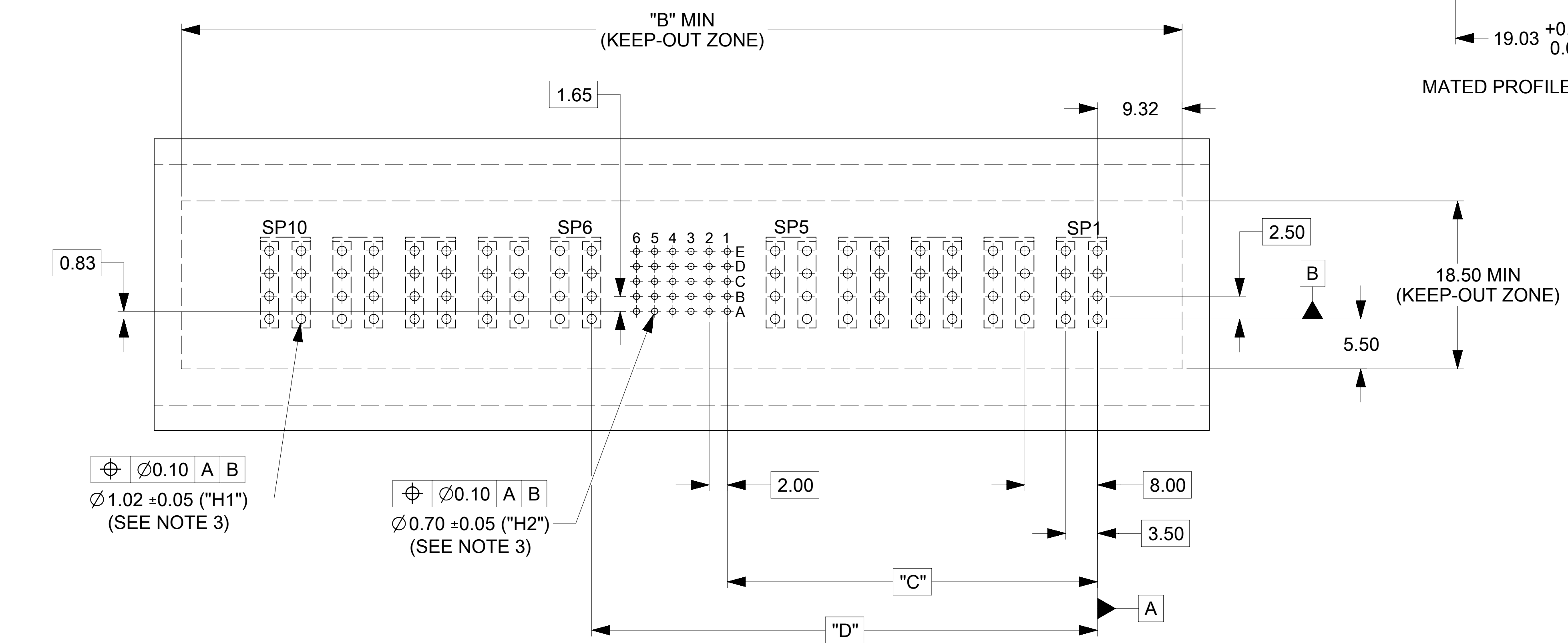
ALLOW EXTRA SPACE
4.00 MM PER SIDE
(REQUIRED FOR RE-WORK PER AS-46436-100)



RECEPTACLE
ASSY



PARTIAL OF A-A
(POWER CKTS ARE ALIGNED)



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: 1710891001-PK
- PLATED THRU HOLE SIZE, REFER TO PS-171088-0000 FOR DETAILS
- PRODUCT SPEC: PS-171088-0000
- APPLICATION SPEC: AS-46436-100
- PRODUCT TO MEET RoHS REQUIREMENTS
- ASSEMBLY MATES TO MOLEX PLUG ASSEMBLY P/N 171088-**** (SEE TABLE IN SHEET 2)
- TAIL DESIGN: COMPLIANT PINS
- POWER AND SIGNAL CONTACTS ARE LUBRICATED.
- MOLEX LOGO TO BE LOCATED APPROXIMATELY AS SHOWN.

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 5SP)-30S-(1SP TO 5SP)-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 ISO VIEWS					
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5°									
4 PLACES ±		EC NO: 689821		2021/12/16					
3 PLACES ±		DRWN: KSUTAR		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 MUST REMAIN WITHIN DIMENSIONS		DRWN: KSUTAR		2021/09/29					
		APPR: HTHYAGARAJ		2021/11/08					
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
D-SIZE		171089		SEE TABLE		GENERAL MARKET		SHEET NUMBER	
DOCUMENT STATUS		P1		RELEASE DATE		2022/02/14 09:02:27			
19		18		17		16		15	

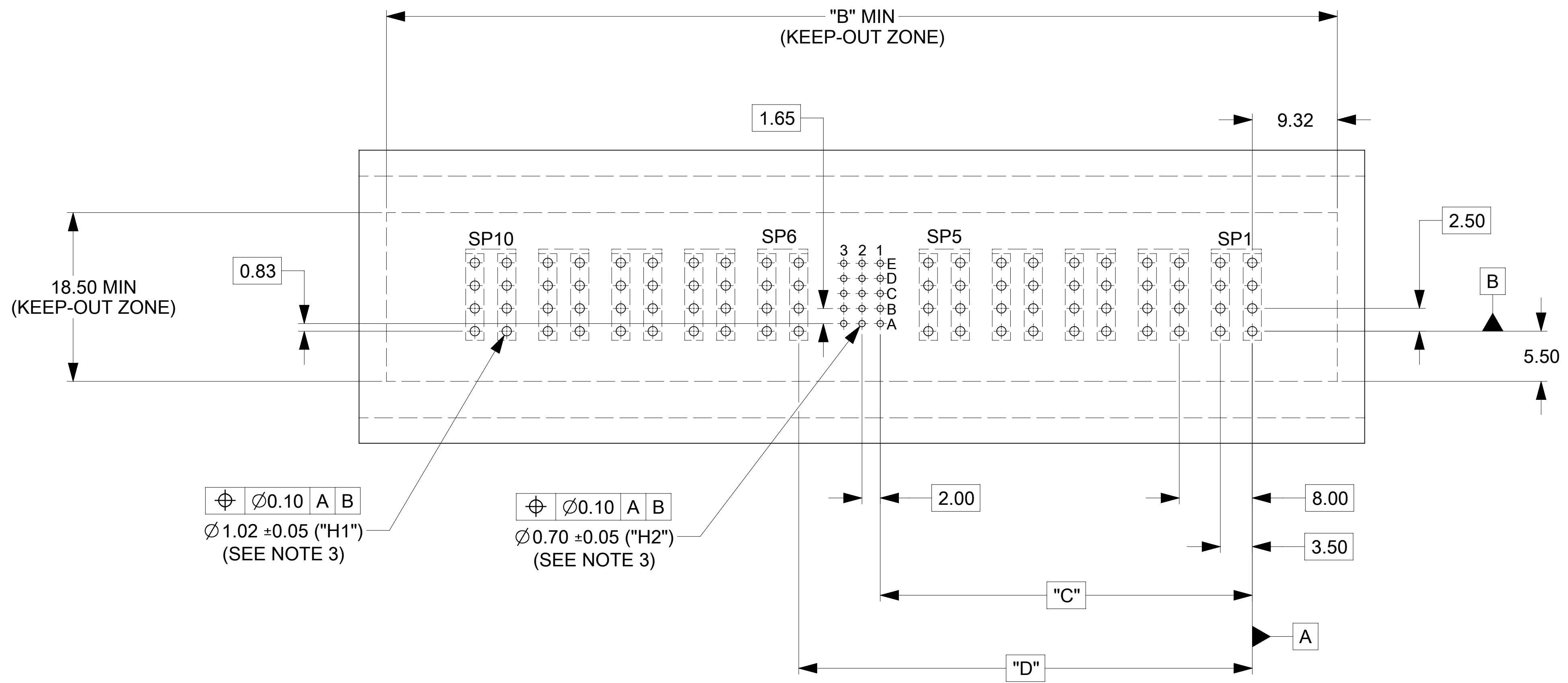


G-*SP-*S-*SP-G
VERT RECEPTACLE ASSY - TEN60 SPLIT POWER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1710898430
DOC TYPE: PSD
DOC PART: 000
REVISION: A1

MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 4



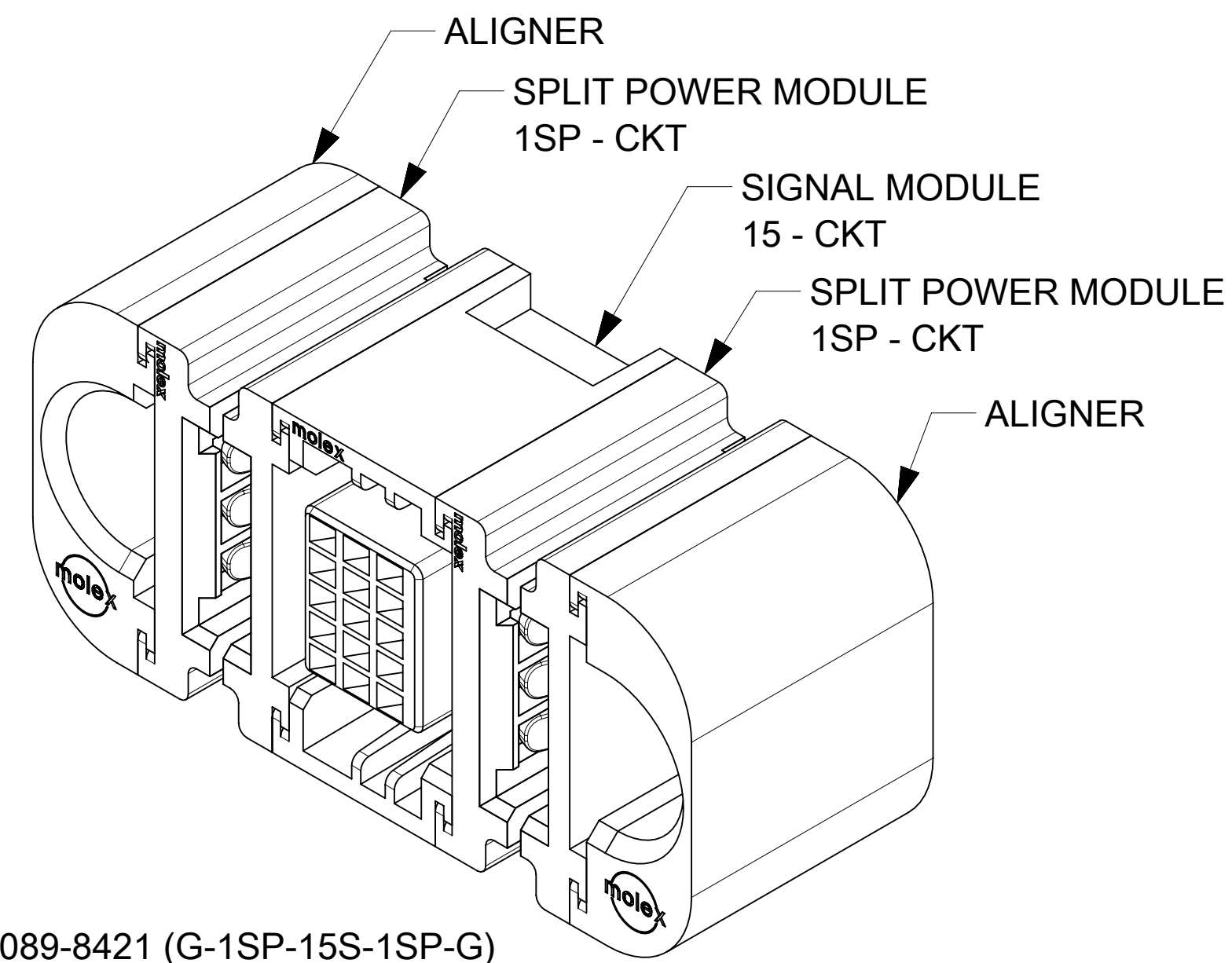
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 5SP)-15S-(1SP TO 5SP)-G

REFER TO BELOW TABLE FOR DIMENSIONS.

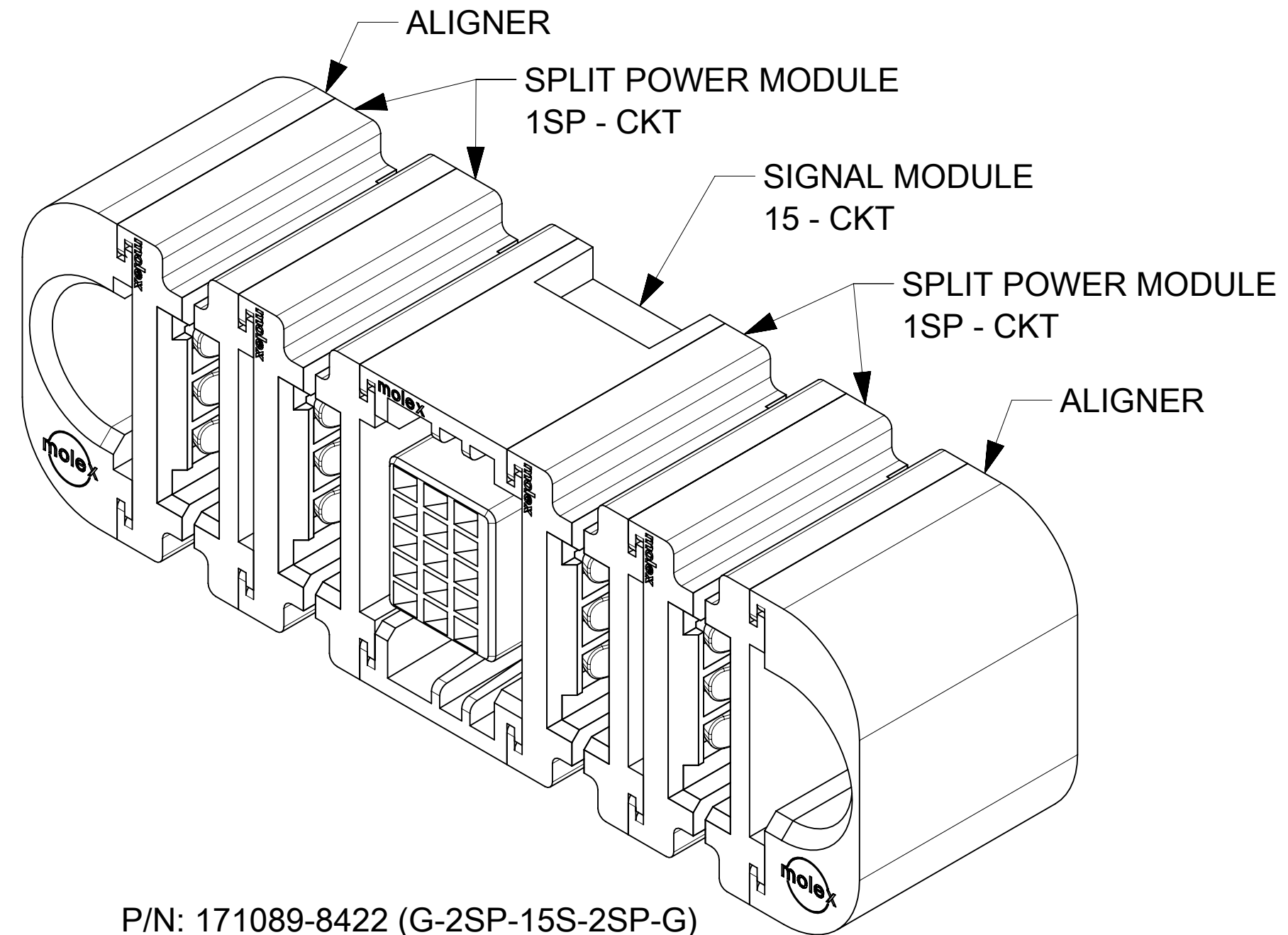
FG P/N	CONFIGURATION	POWER CKT SIZE	SIGNAL CKT SIZE	DIM "A" (IN MM)	DIM "B" (IN MM)	DIM "C" (IN MM)	DIM "D" (IN MM)	HOLES COUNT "H1"	HOLES COUNT "H2"	MATES WITH R/A PLUG ASSY P/N
1710898421	G-1SP-15S-1SP-G	1	15	39.21	40.21	8.78	17.71	16	15	1710888421
1710898422	G-2SP-15S-2SP-G	2	15	55.21	56.21	16.78	25.71	32	15	1710888422
1710898423	G-3SP-15S-3SP-G	3	15	71.21	72.21	24.78	33.71	48	15	1710888423
1710898424	G-4SP-15S-4SP-G	4	15	87.21	88.21	32.78	41.71	64	15	1710888424
1710898425	G-5SP-15S-5SP-G	5	15	103.21	104.21	40.78	49.71	80	15	1710888425
1710898426	G-1SP-30S-1SP-G	1	30	45.21	46.21	8.78	23.71	16	30	1710888426
1710898427	G-2SP-30S-2SP-G	2	30	61.21	62.21	16.78	31.71	32	30	1710888427
1710898428	G-3SP-30S-3SP-G	3	30	77.21	78.21	24.78	39.71	48	30	1710888428
1710898429	G-4SP-30S-4SP-G	4	30	93.21	94.21	32.78	47.71	64	30	1710888429
1710898430	G-5SP-30S-5SP-G	5	30	109.21	110.21	40.78	55.71	80	30	1710888430

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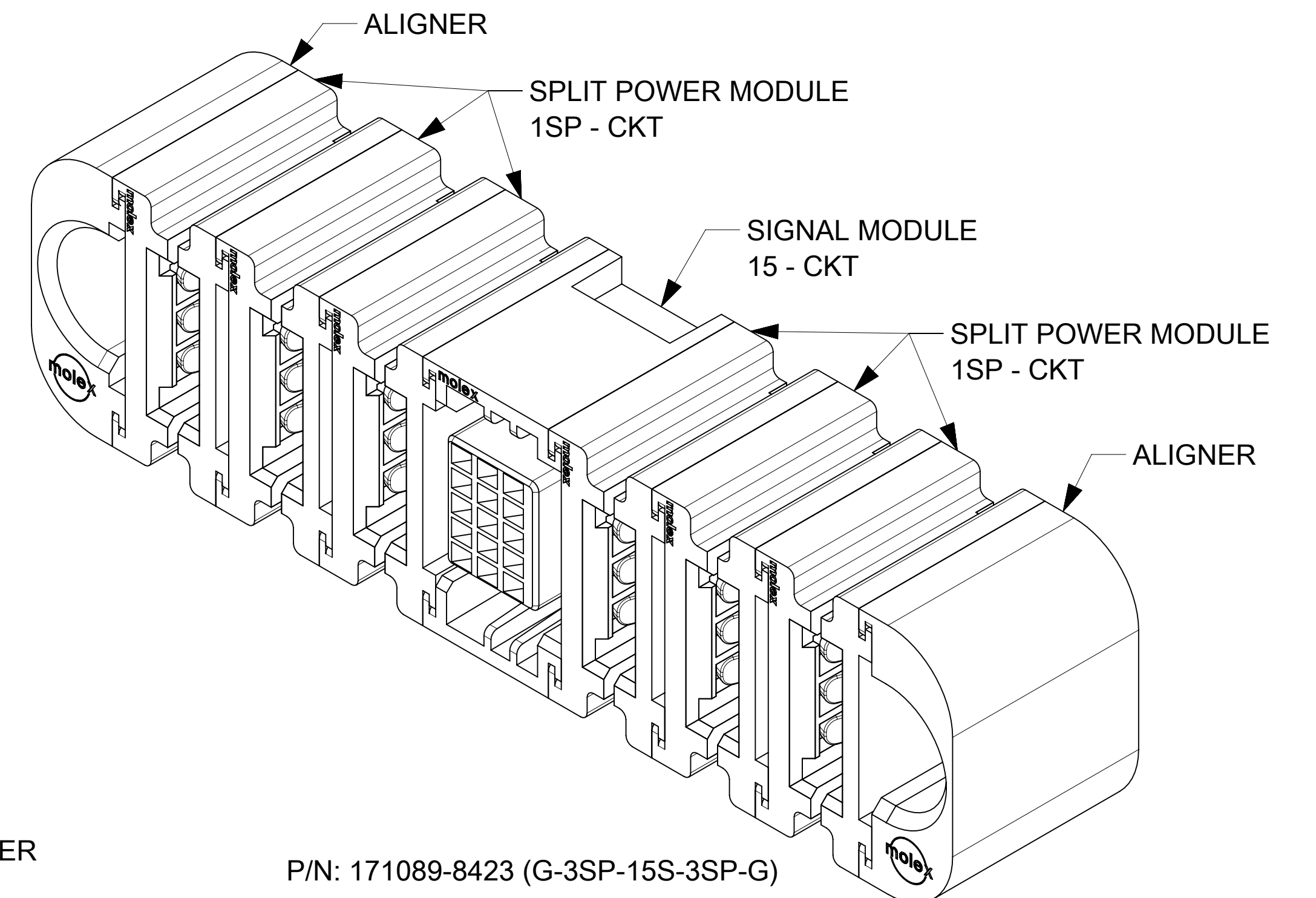
DIMENSION UNITS mm	SCALE 3:1	CURRENT REV DESC: ADDED ISO VIEWS					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 689821					
ANGULAR TOL ± 0.5°	4 PLACES ±	DRWN: KSUTAR 2021/12/16		PRODUCT CUSTOMER DRAWING			
3 PLACES ±	3 PLACES ±	CHK'D: GJEEVANSURES 2021/12/22		DOCUMENT NUMBER			
2 PLACES ± 0.13	2 PLACES ±	APPR: HTHYAGARAJ 2022/02/14		1710898430			
1 PLACE ± 0.25	1 PLACE ±	INITIAL REVISION:		DOC TYPE			
0 PLACES ±	0 PLACES ±	DRWN: KSUTAR 2021/09/29		PSD			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: HTHYAGARAJ 2021/11/08		DOC PART			
THIRD ANGLE PROJECTION		DRAWING		000			
D-SIZE		SERIES		REVISION			
171089		MATERIAL NUMBER		A1			
SEE TABLE		CUSTOMER		SHEET NUMBER			
GENERAL MARKET		2 OF 4					



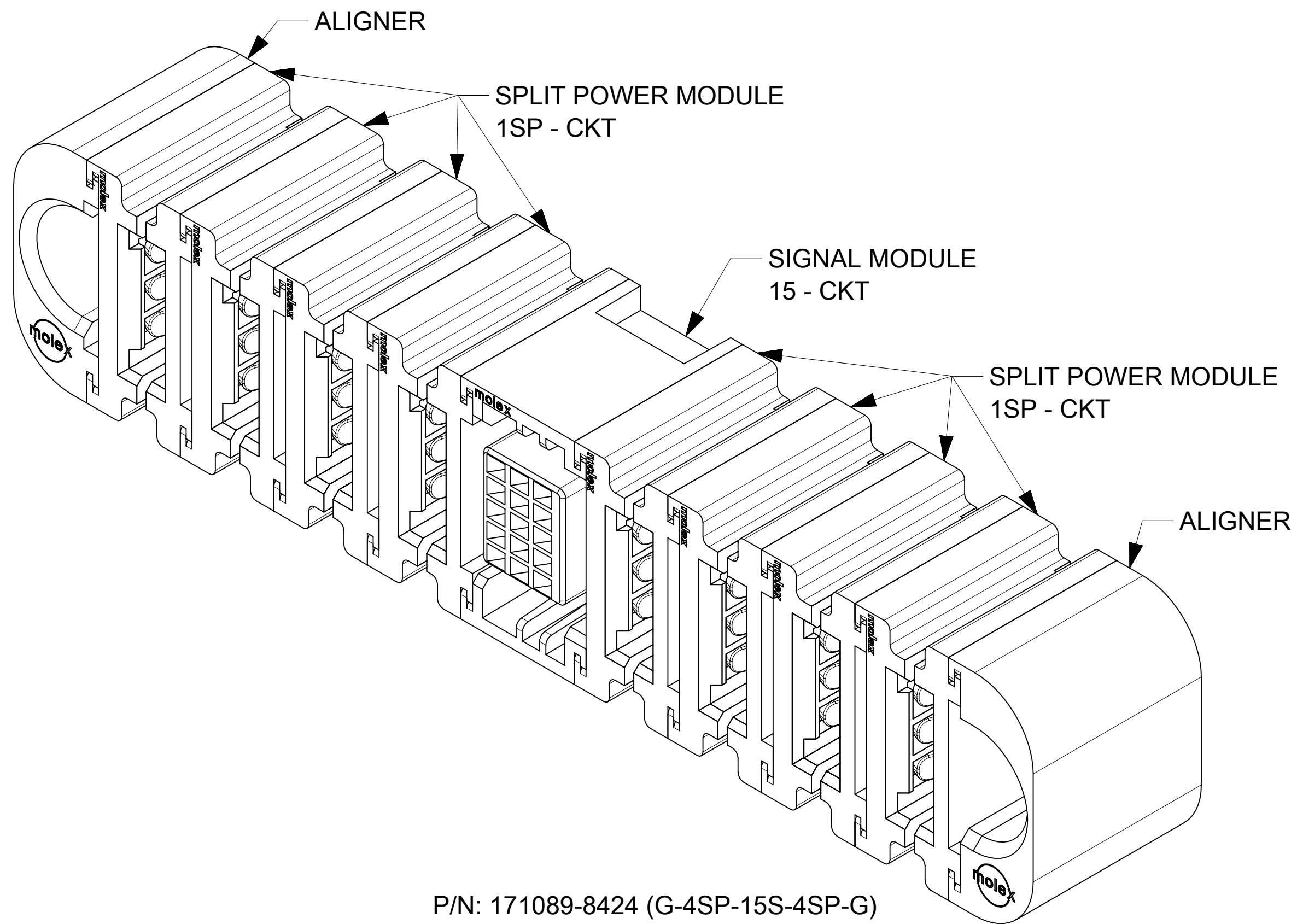
P/N: 171089-8421 (G-1SP-15S-1SP-G)



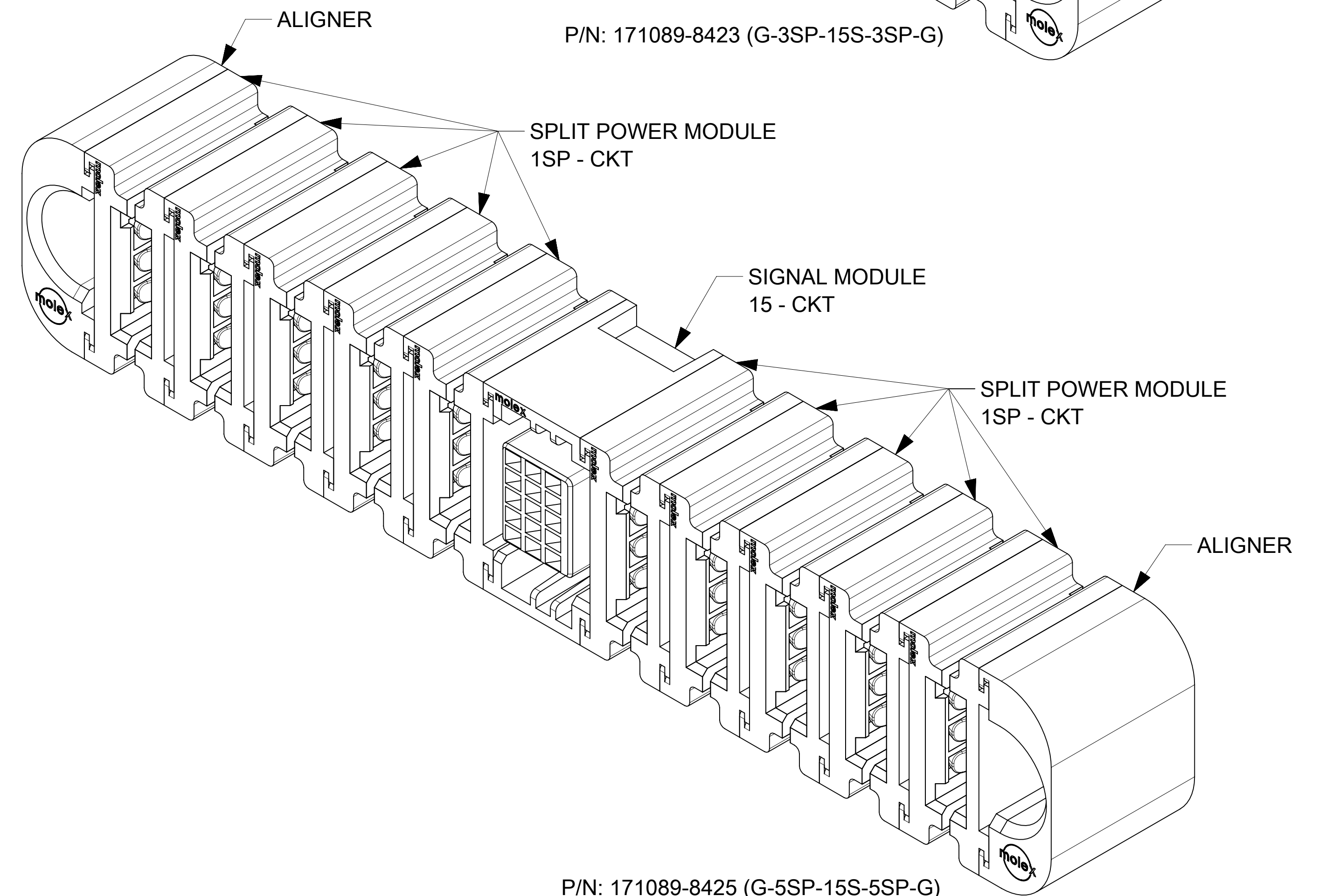
P/N: 171089-8422 (G-2SP-15S-2SP-G)



P/N: 171089-8423 (G-3SP-15S-3SP-G)

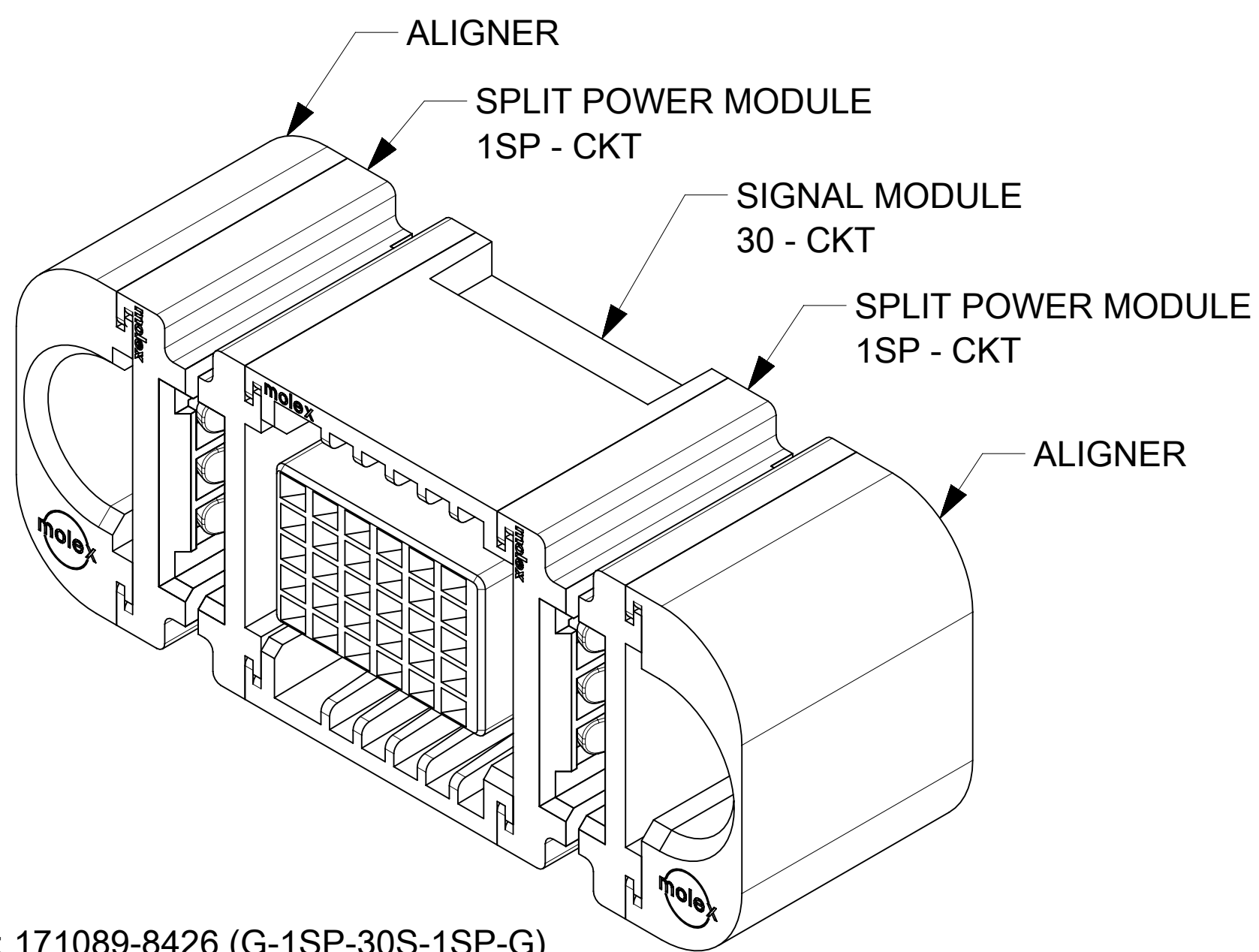


P/N: 171089-8424 (G-4SP-15S-4SP-G)

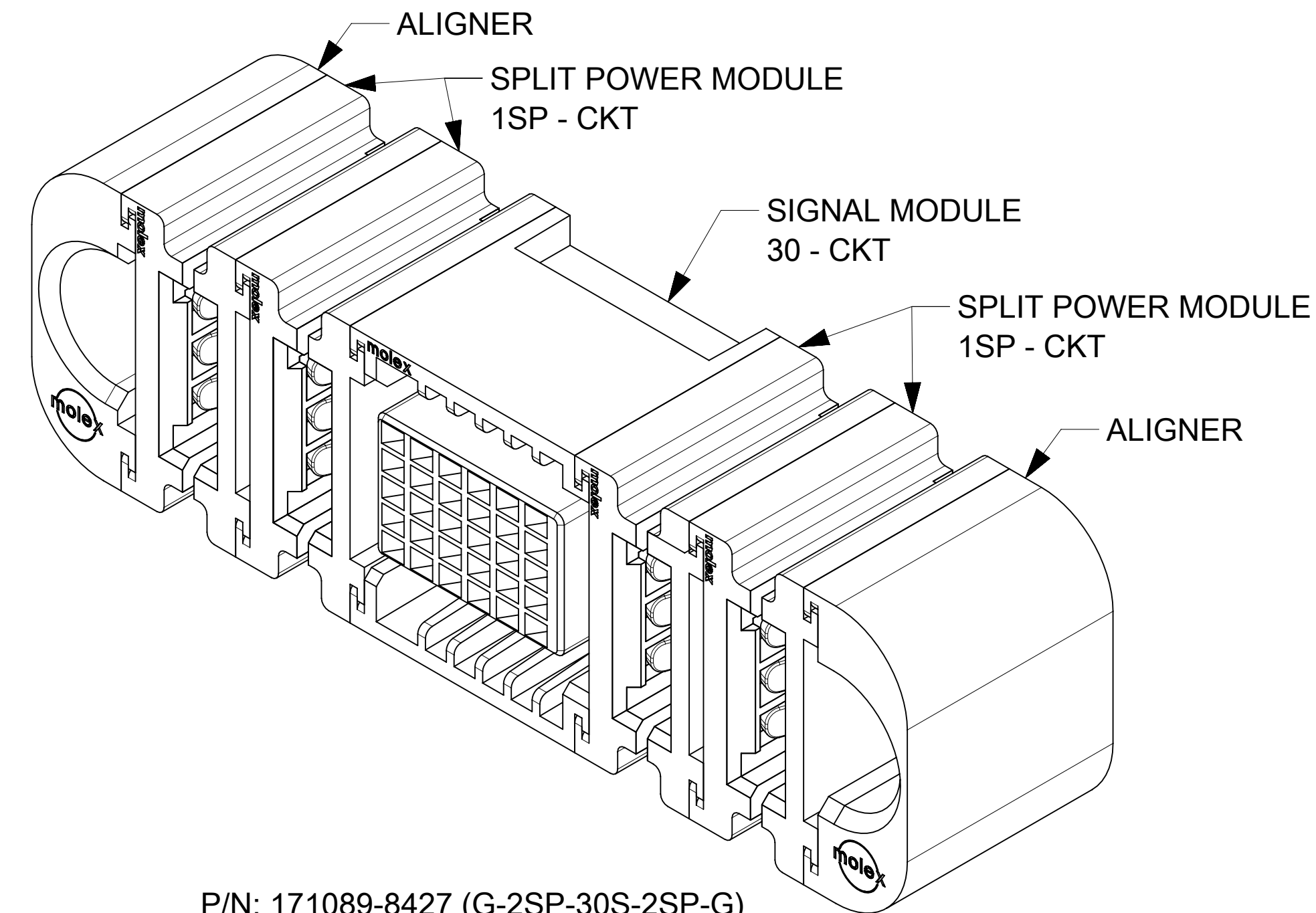


P/N: 171089-8425 (G-5SP-15S-5SP-G)

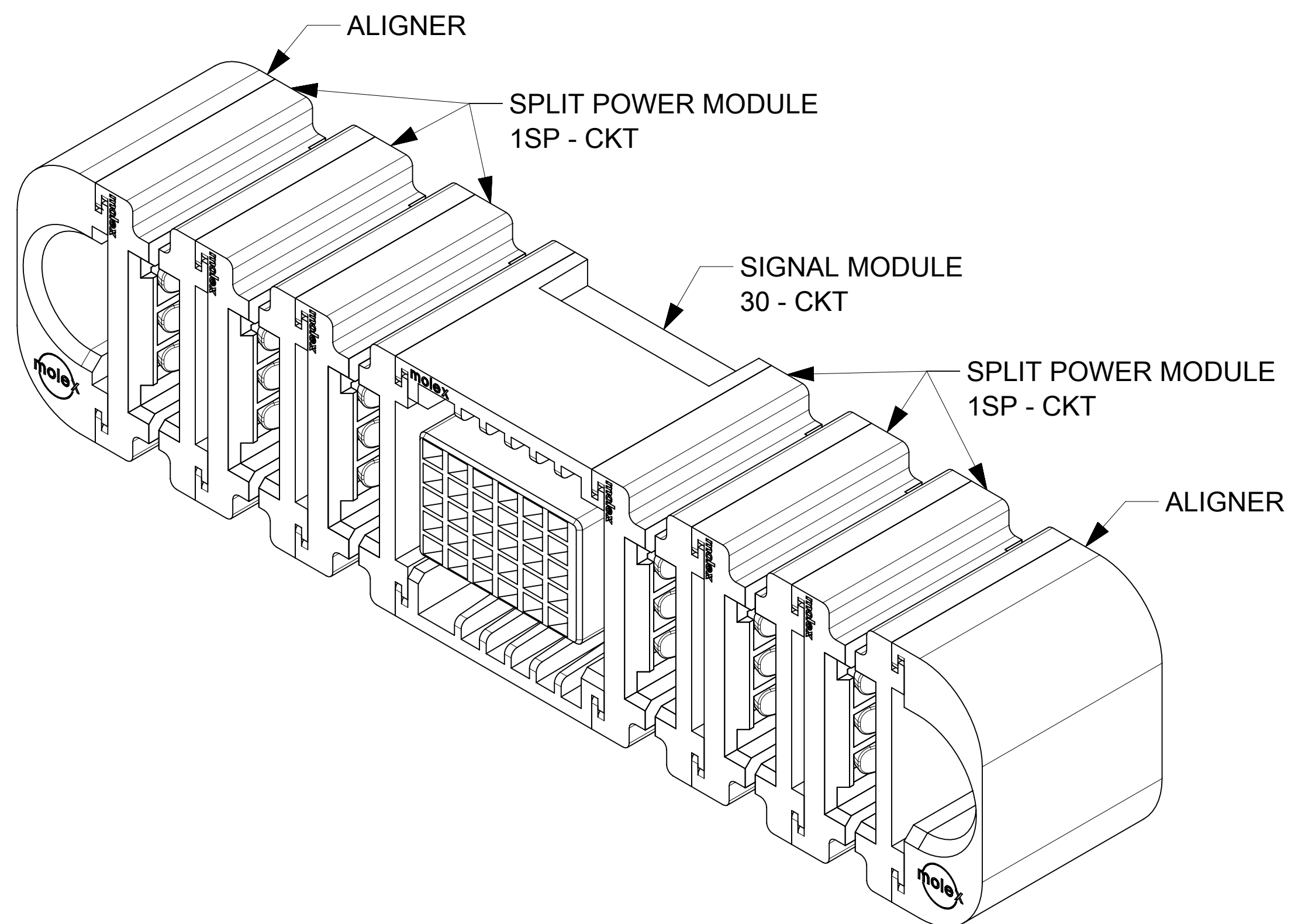
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED ISO VIEWS					
mm		4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5°									
4 PLACES ±		EC NO: 689821							
3 PLACES ±		DRWN: KSUTAR		2021/12/16					
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		2021/09/29					
		APPR: HTHYAGARAJ		2021/11/08					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES			
		D-SIZE		171089					
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
1710898430				PSD		000		A1	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
SEE TABLE				GENERAL MARKET		3 OF 4			



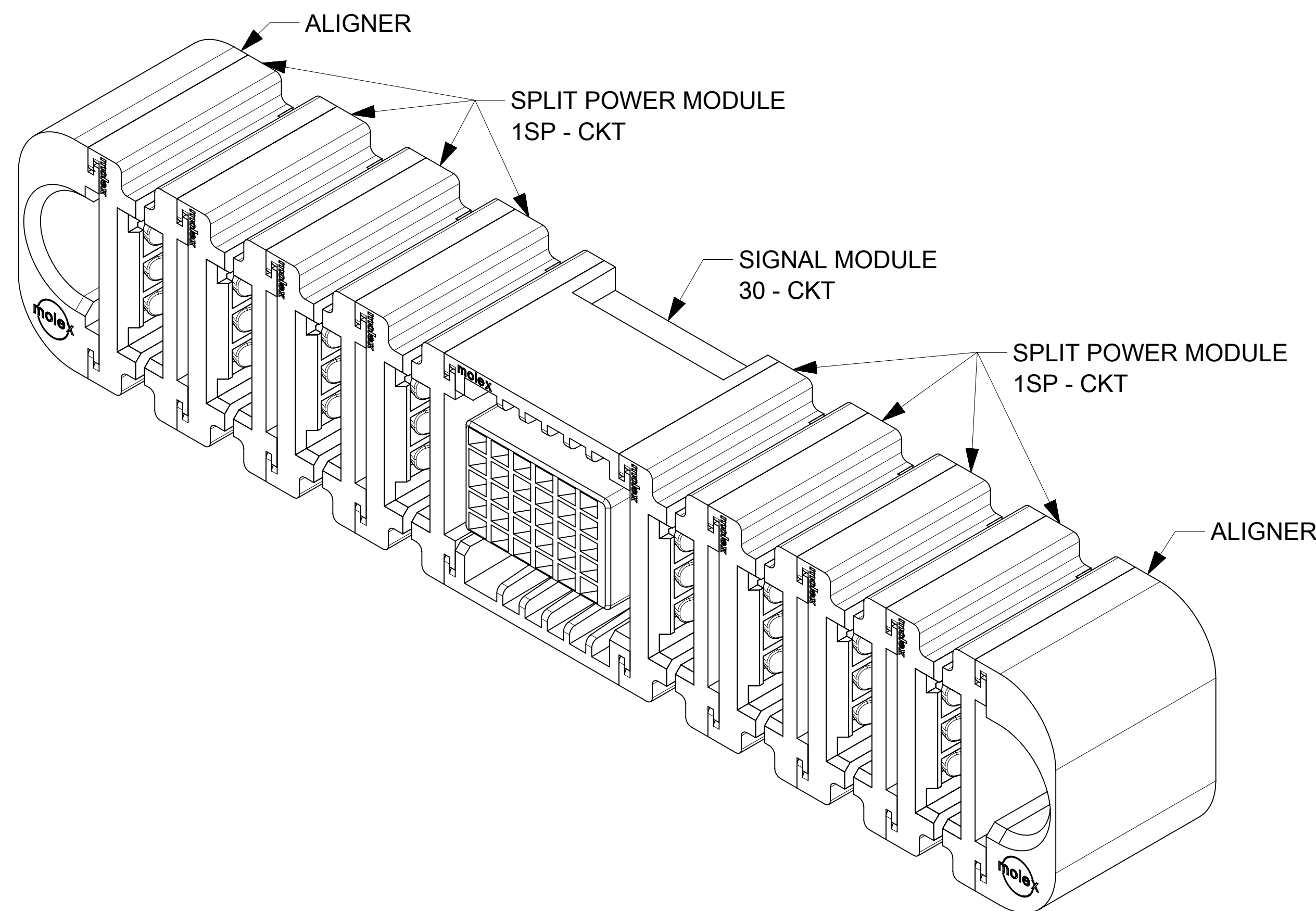
P/N: 171089-8426 (G-1SP-30S-1SP-G)



P/N: 171089-8427 (G-2SP-30S-2SP-G)



P/N: 171089-8428 (G-3SP-30S-3SP-G)



P/N: 171089-8429 (G-4SP-30S-4SP-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 ISO VIEWS							
mm		4:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 0.5°											
4 PLACES ±				EC NO: 689821							
3 PLACES ±				DRWN: KSUTAR				2021/12/16			
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				2021/09/29			
				APPR: HTHYAGARAJ				2021/11/08			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						D-SIZE		171089		SEE TABLE	
								GENERAL MARKET		SHEET NUMBER	
								4 OF 4			

molex

G-*SP-*S-*SP-G
VERT RECEPTACLE ASSY - TEN60 SPLIT POWER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1710898430	PSD	000	A1