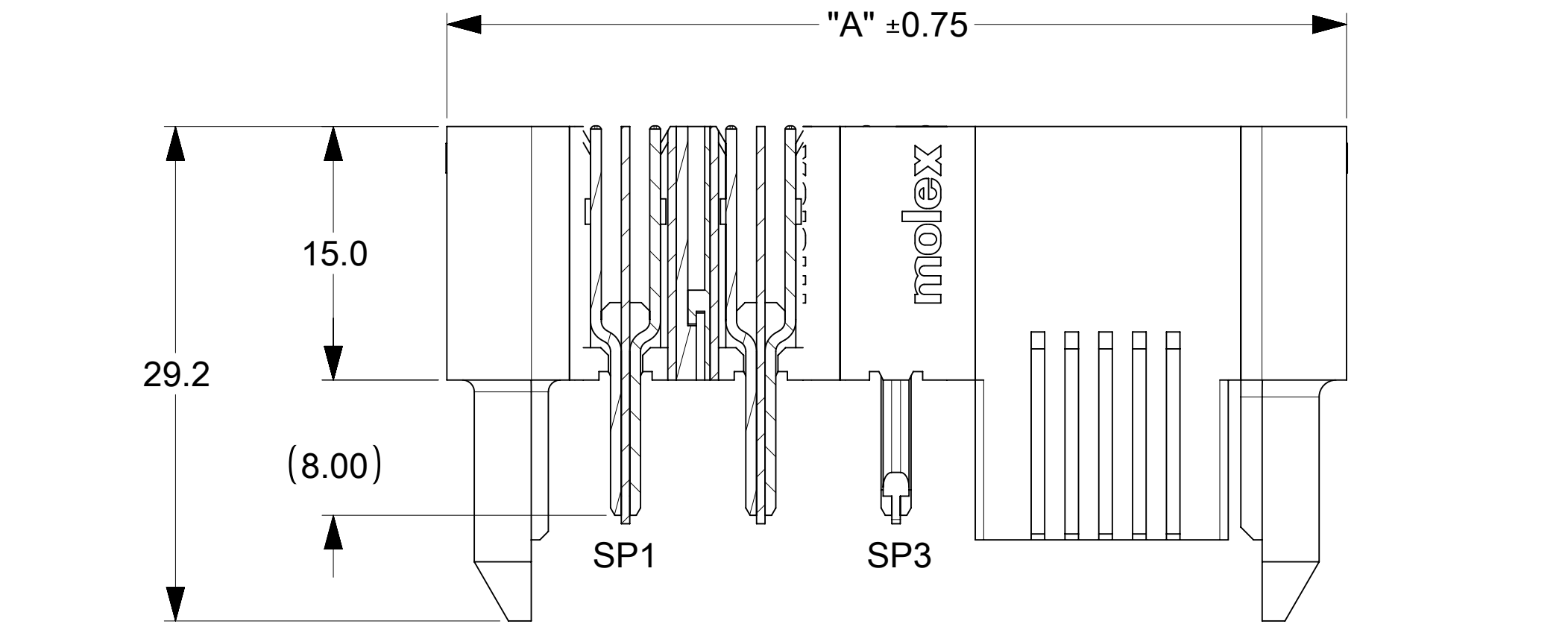
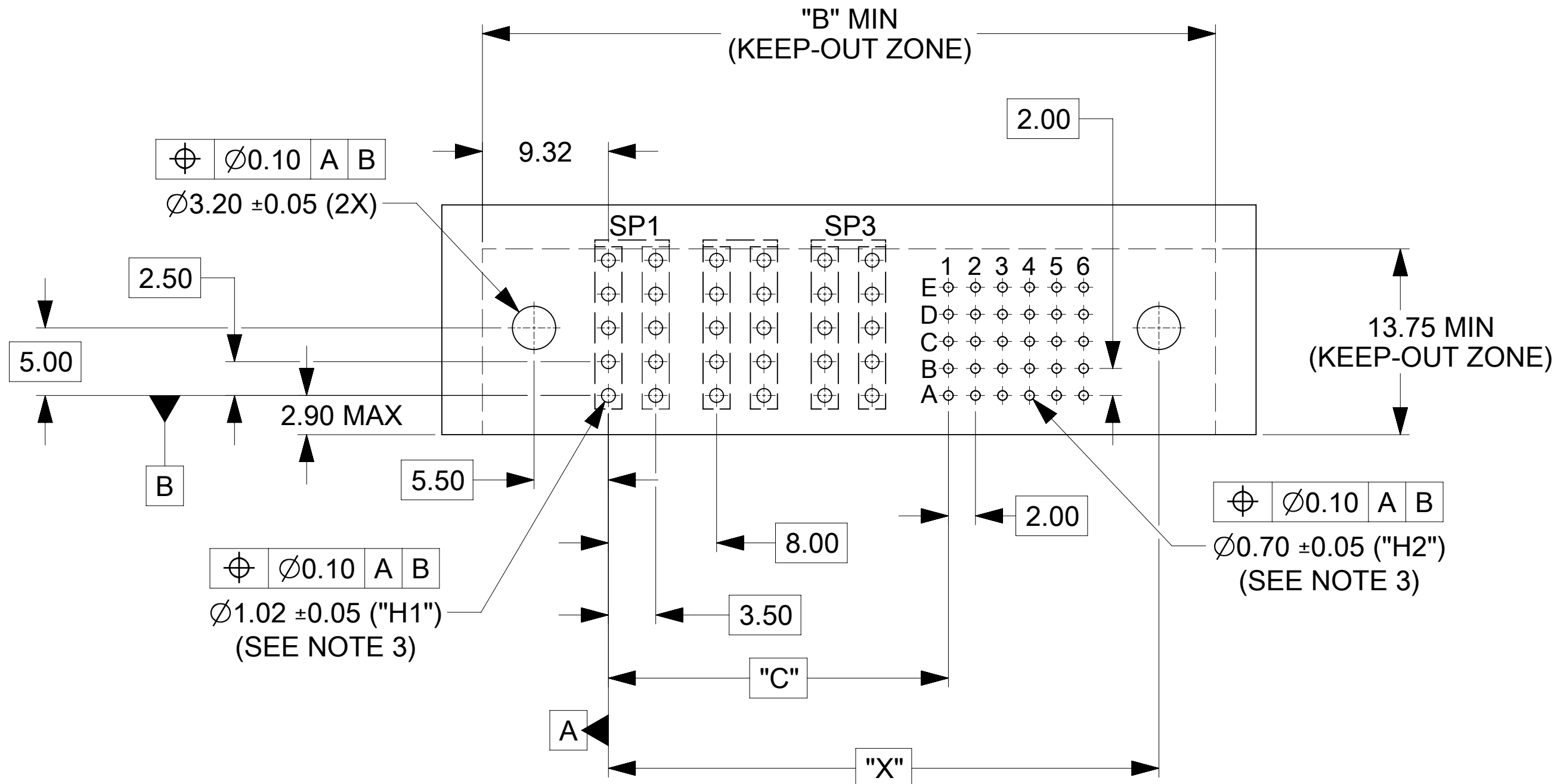
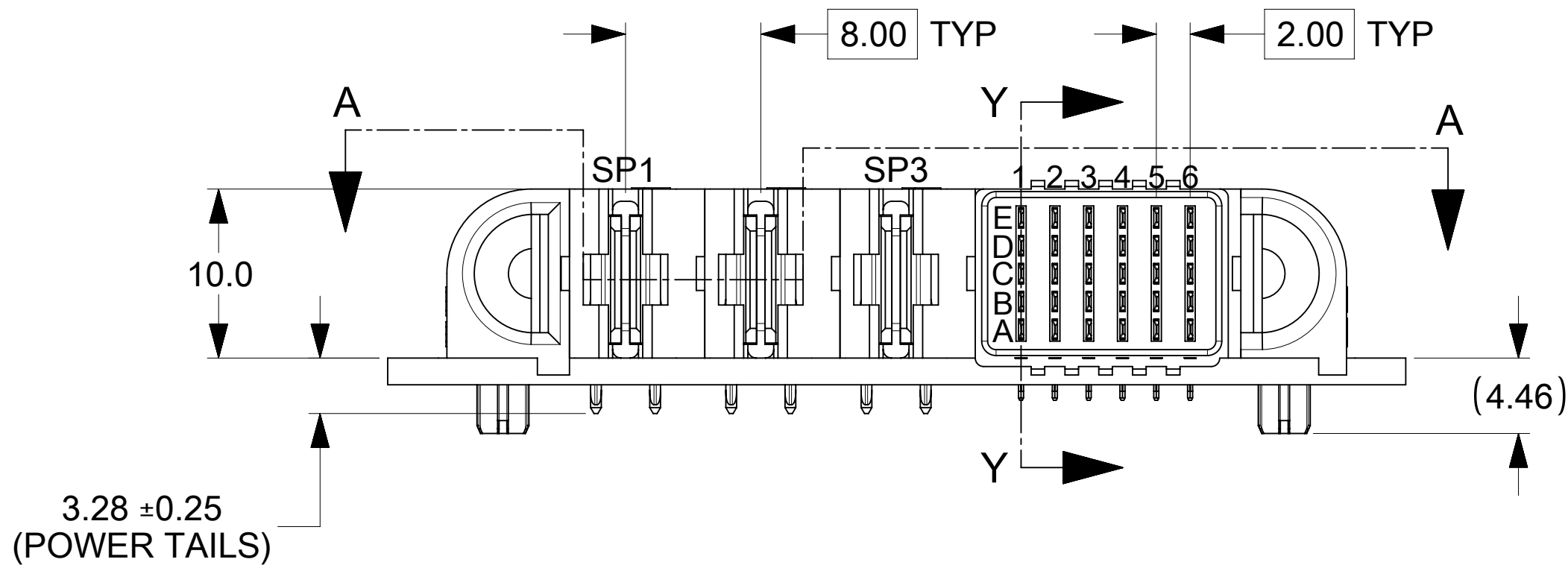
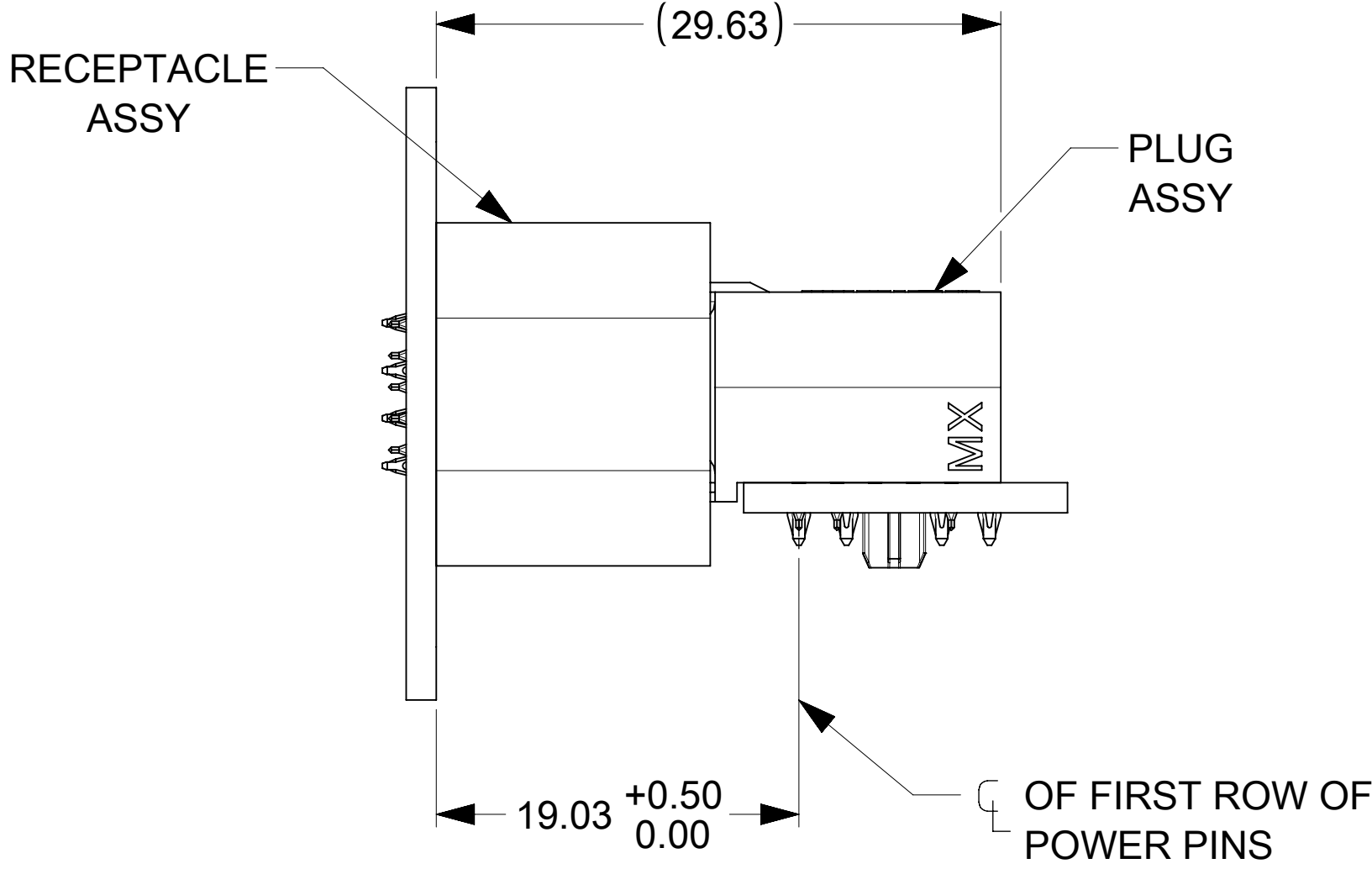




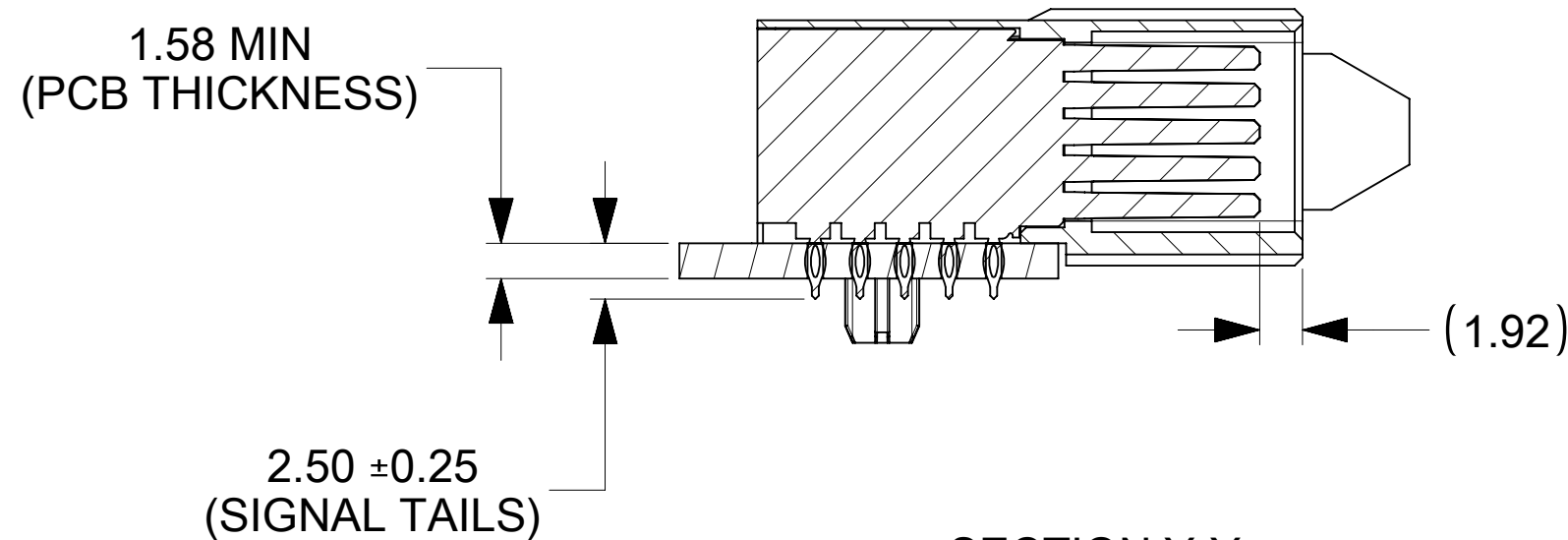
SECTION A-A



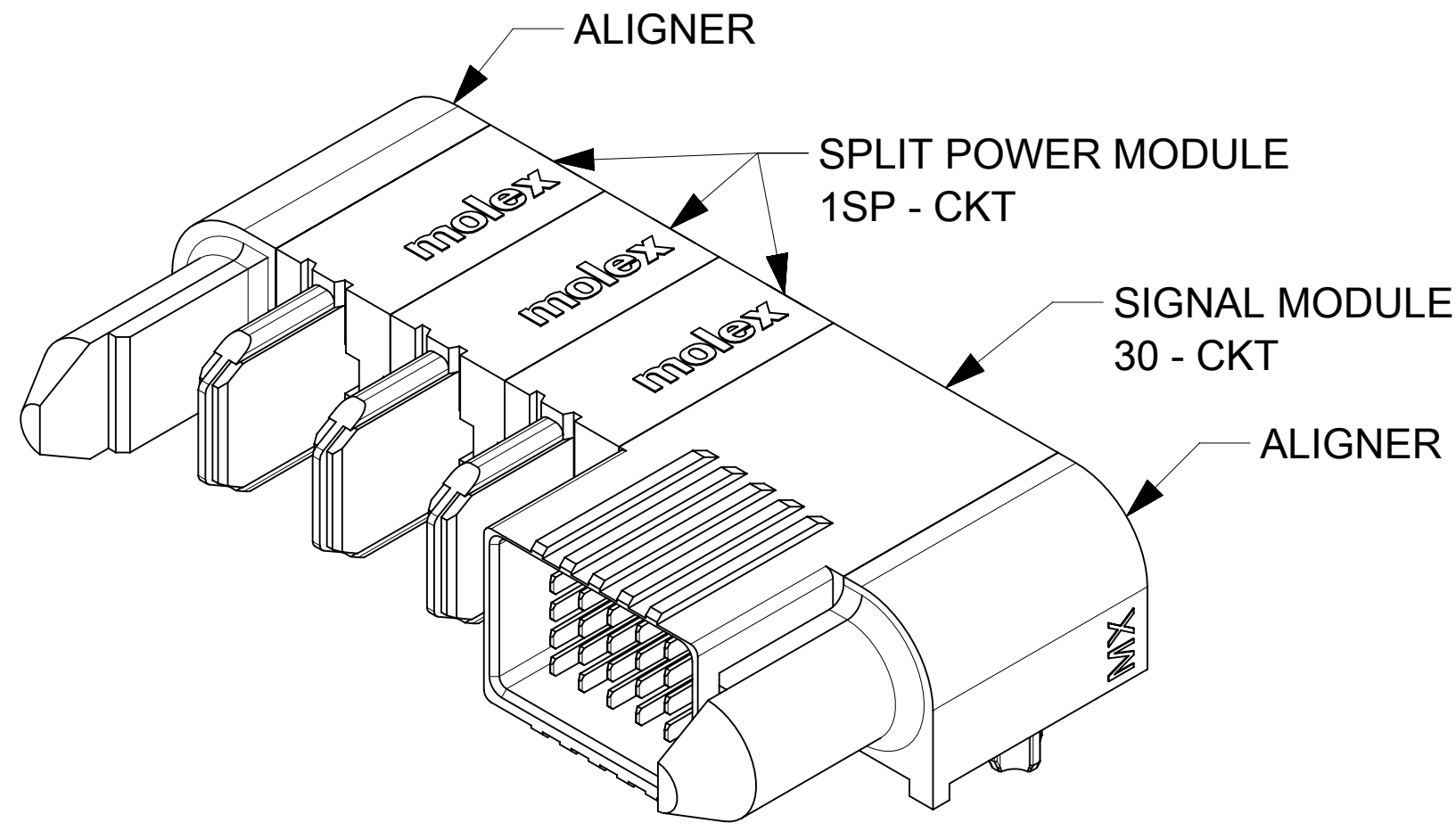
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 3SP)-30S-G



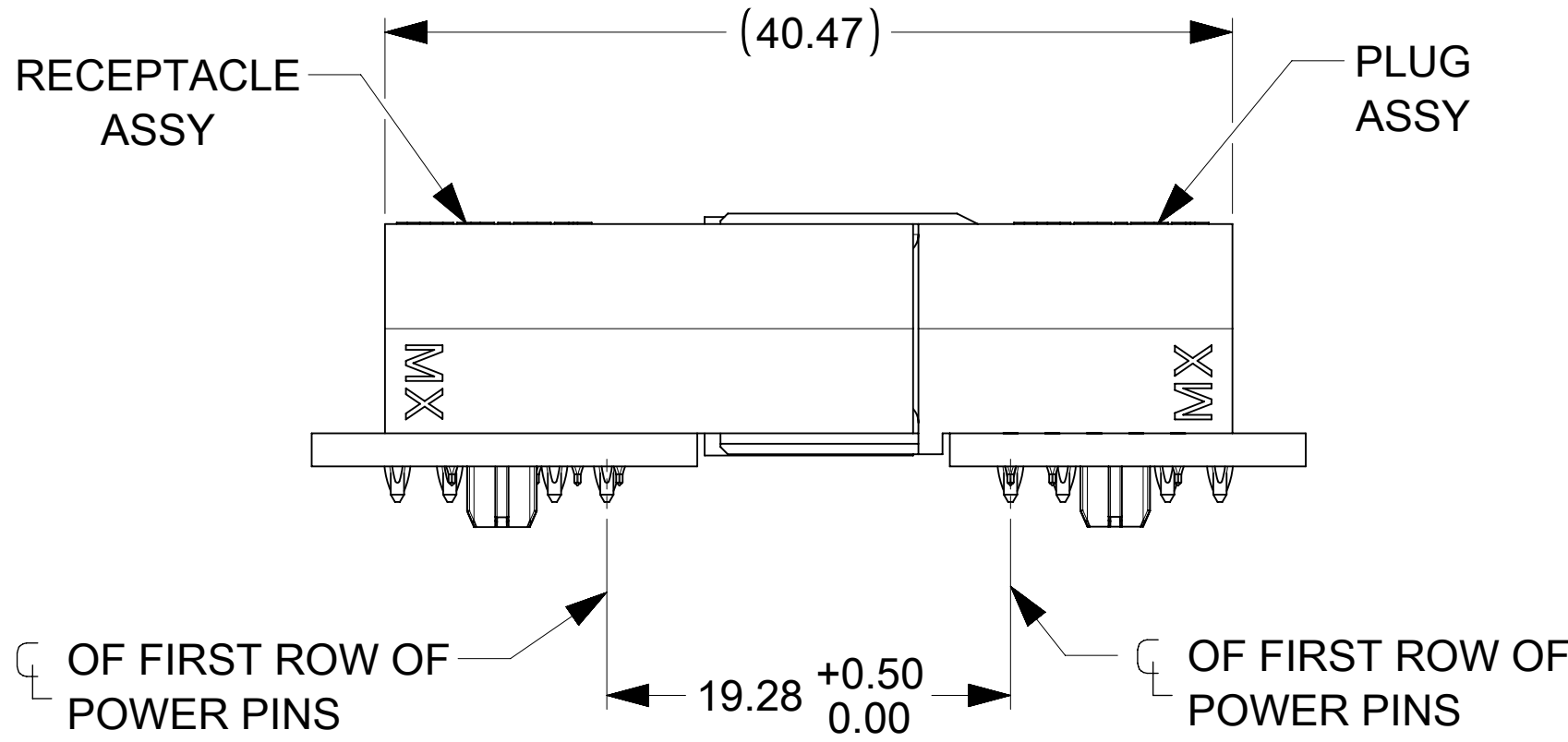
MATED PROFILE
(MATED WITH VERT RECEPTACLE ASSY)



SECTION Y-Y



P/N: 171088-8418 (G-3SP-30S-G)

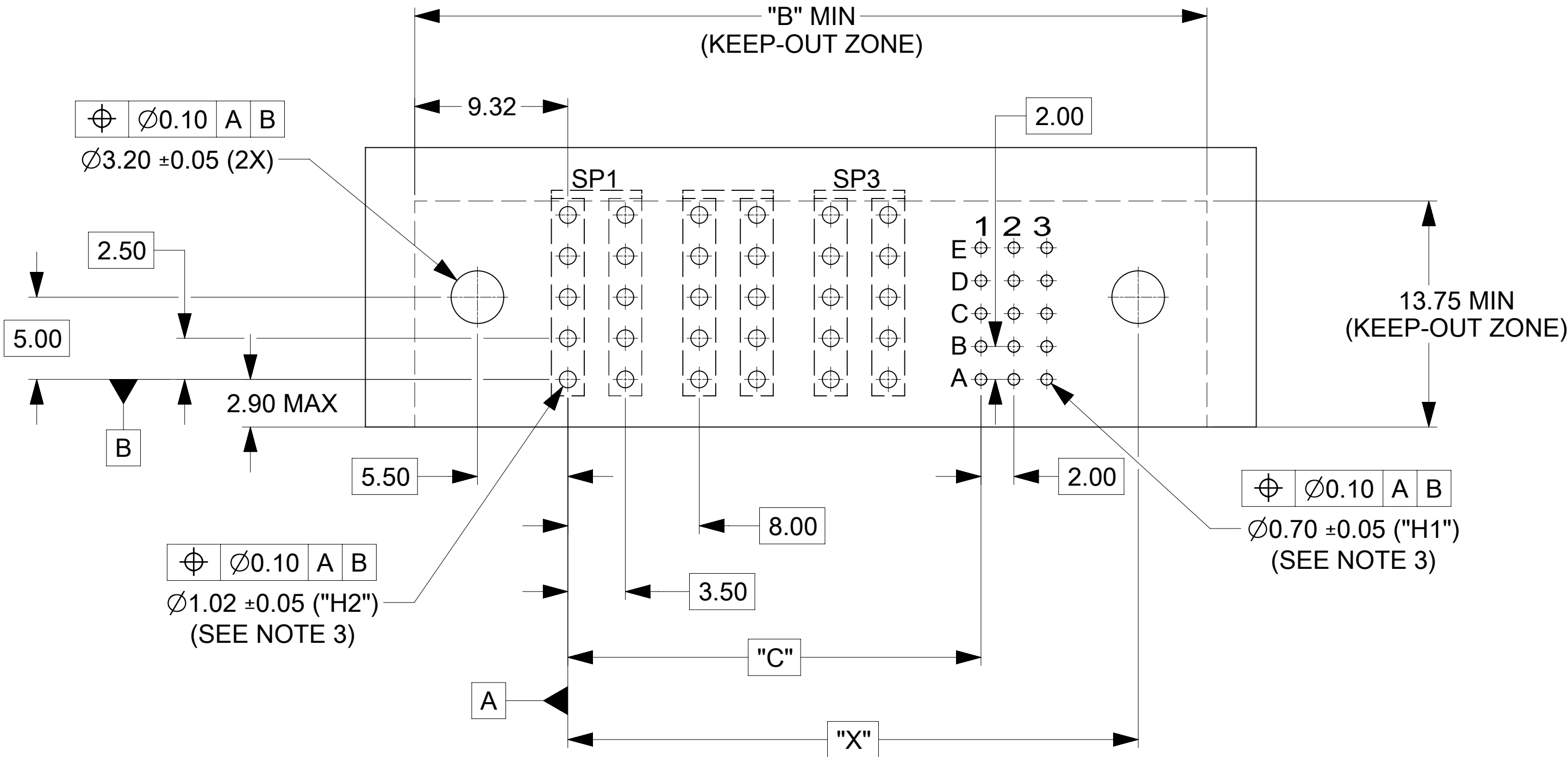


MATED PROFILE
(MATED WITH R/A RECEPTACLE ASSY)

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: 1710881001-PK
- PLATED THRU HOLE SIZE, REFER TO PS-171088-0000 FOR DETAILS
- PRODUCT SPEC: PS-171088-0000
- PRODUCT TO MEET RoHS REQUIREMENTS
- ASSEMBLY MATES TO MOLEX RECEPTACLE ASSEMBLY P/N 171089-**** AND 171090-**** (SEE TABLE IN SHEET 2)
- TAIL DESIGN: COMPLIANT TAIL
- POWER AND SIGNAL CONTACTS ARE LUBRICATED.
- APPLICATION SPEC: AS-46436-100..
- 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: REMOVED 8414, 8415, 8419 & 8420																									
mm		3:1		molex G-*SP-*S-G R/A PLUG ASSY - TEN60 SPLIT POWER PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">1710888420</td><td>PSD</td><td>000</td><td>A2</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>1 OF 3</td></tr></table>						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	1710888420		PSD	000	A2	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	SEE TABLE		GENERAL MARKET		1 OF 3
DOCUMENT NUMBER		DOC TYPE	DOC PART							REVISION																			
1710888420		PSD	000							A2																			
MATERIAL NUMBER		CUSTOMER								SHEET NUMBER																			
SEE TABLE		GENERAL MARKET								1 OF 3																			
GENERAL TOLERANCES (UNLESS SPECIFIED)																													
ANGULAR TOL		±	0.5°																										
4 PLACES		±		EC NO: 707711																									
3 PLACES		±		DRWN: KSUTAR		2022/05/20																							
2 PLACES		±	0.13	CHK'D: GJEEVANSURES		2022/05/23																							
1 PLACE		±	0.25	APPR: HTHYAGARAJ		2022/06/08																							
0 PLACES		±		INITIAL REVISION:																									
				DRWN: KSUTAR		2021/09/22																							
				APPR: HTHYAGARAJ		2021/11/08																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES																					
						D-SIZE		171088																					



RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE FOR G-(1SP TO 3SP)-15S-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 "X" (IN MM)	HOLES COUNT "H1"	HOLES COUNT H2"	MATES WITH R/A ASSY P/N	MATES WITH VERT ASSY P/N
1710888411	G-1SP-15S-G	1	15	31.21	32.21	9.14	18.71	10	15	1710908411	1710898411
1710888412	G-2SP-15S-G	2	15	39.21	40.21	17.14	26.71	20	15	1710908412	1710898412
1710888413	G-3SP-15S-G	3	15	47.21	48.21	25.14	34.71	30	15	1710908413	1710898413
1710888416	G-1SP-30S-G	1	30	37.21	38.21	9.14	24.71	10	30	1710908416	1710898416
1710888417	G-2SP-30S-G	2	30	45.21	46.21	17.14	32.71	20	30	1710908417	1710898417
1710888418	G-3SP-30S-G	3	30	53.21	54.21	25.14	40.71	30	30	1710908418	1710898418

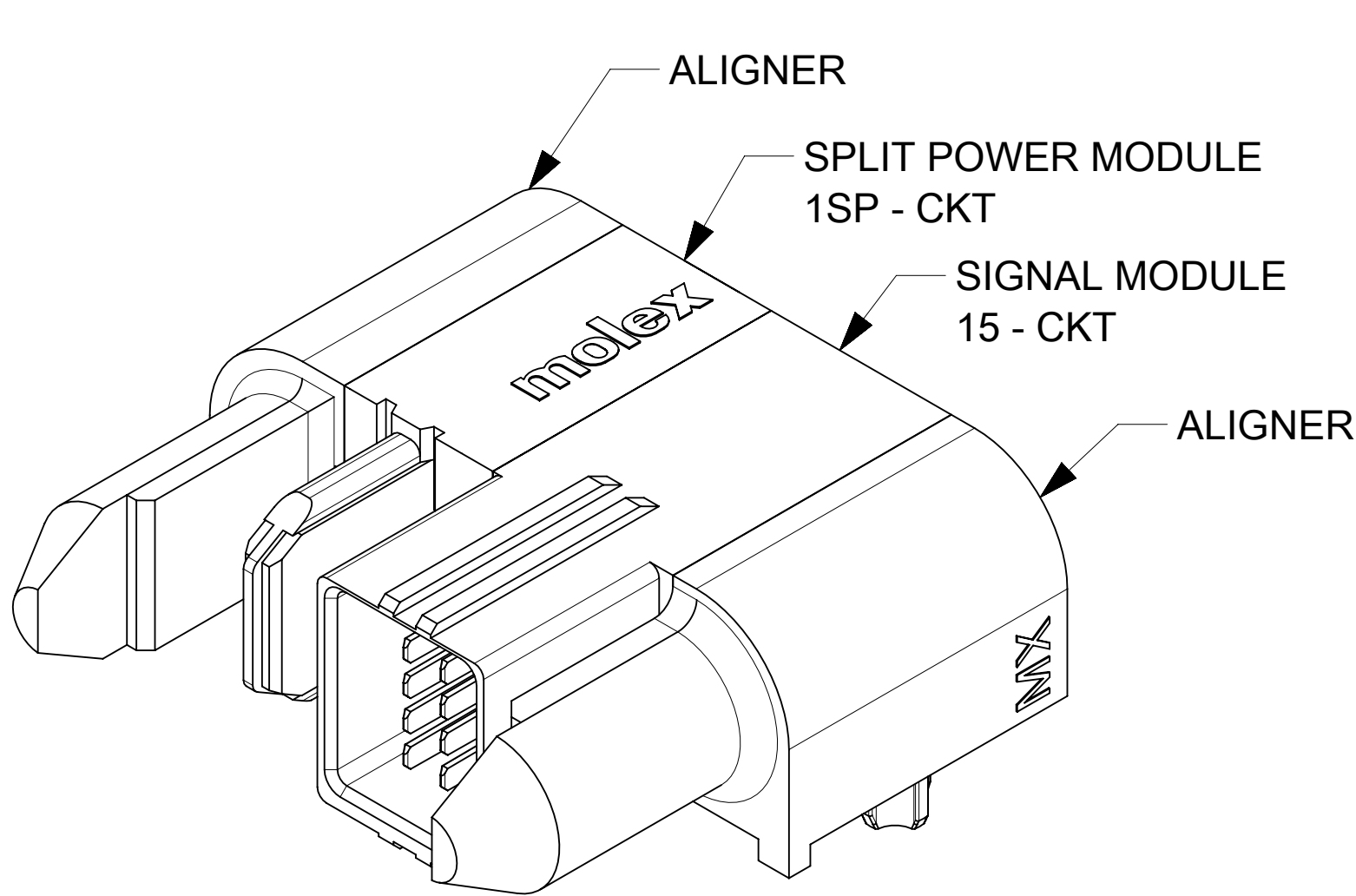
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED 8414, 8415, 8419 & 8420						
mm	4:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)								
ANGULAR TOL	± 0.5°							
4 PLACES	±							
3 PLACES	±							
2 PLACES	± 0.13	EC NO: 707711 DRWN: KSUTAR 2022/05/20 CHK'D: GJEEVANSURES 2022/05/23 APPR: HTHYAGARAJ 2022/06/08						
1 PLACE	± 0.25							
0 PLACES	±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			D-SIZE	171088	1710888420	PSD	000	A2

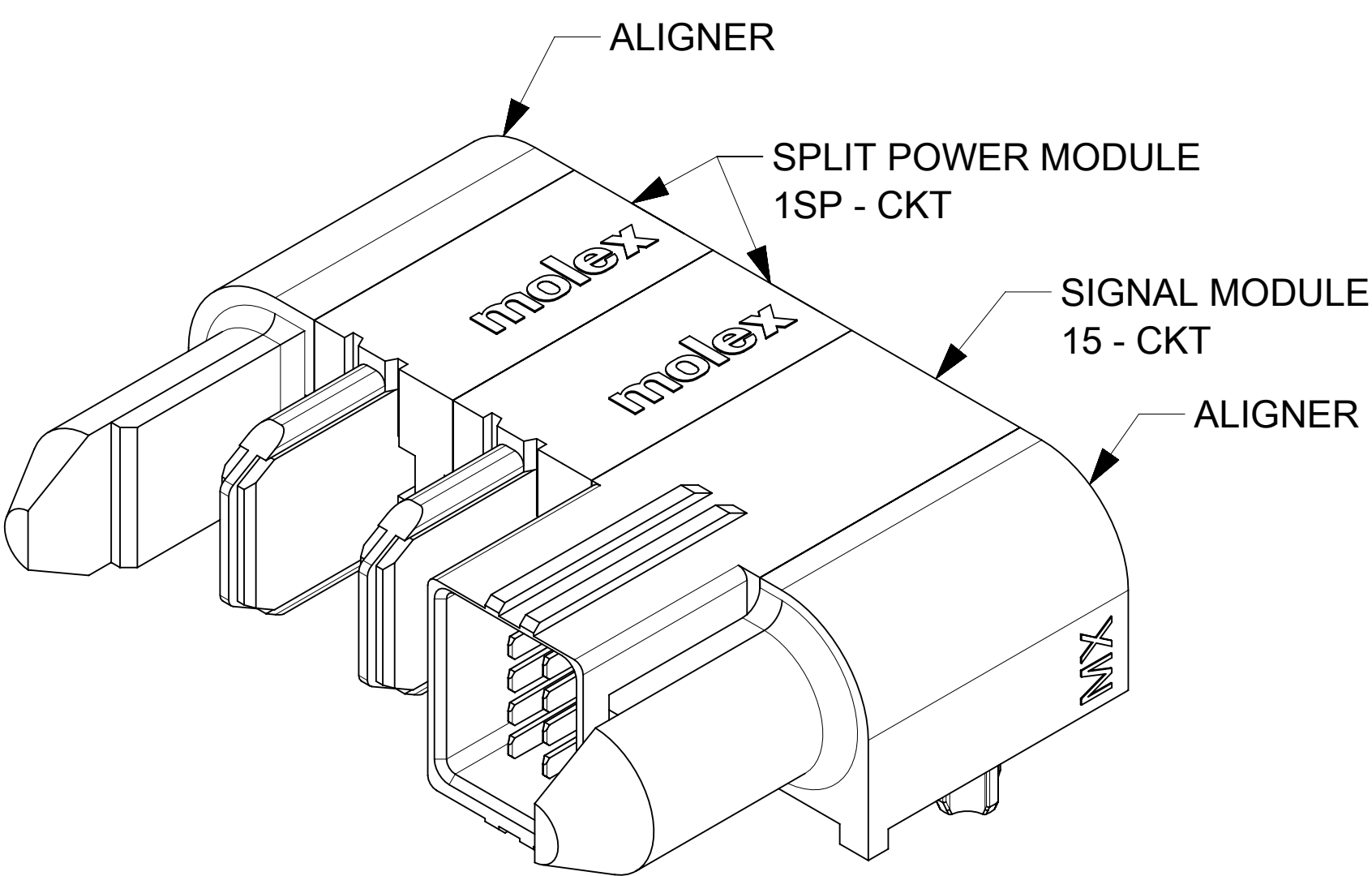
G-*SP-*S-G
R/A PLUG ASSY - TEN60 SPLIT POWER

PRODUCT CUSTOMER DRAWING

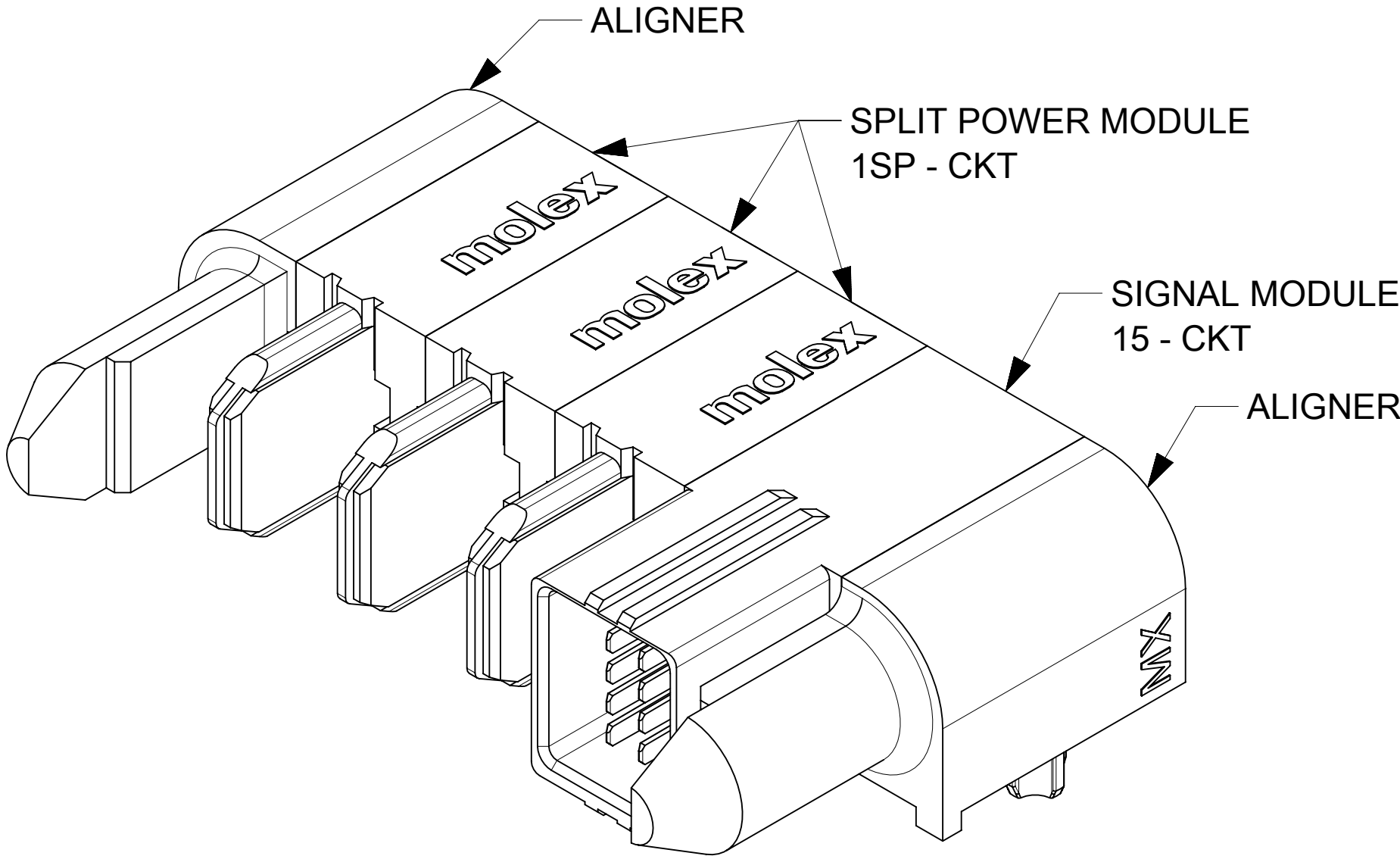
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3



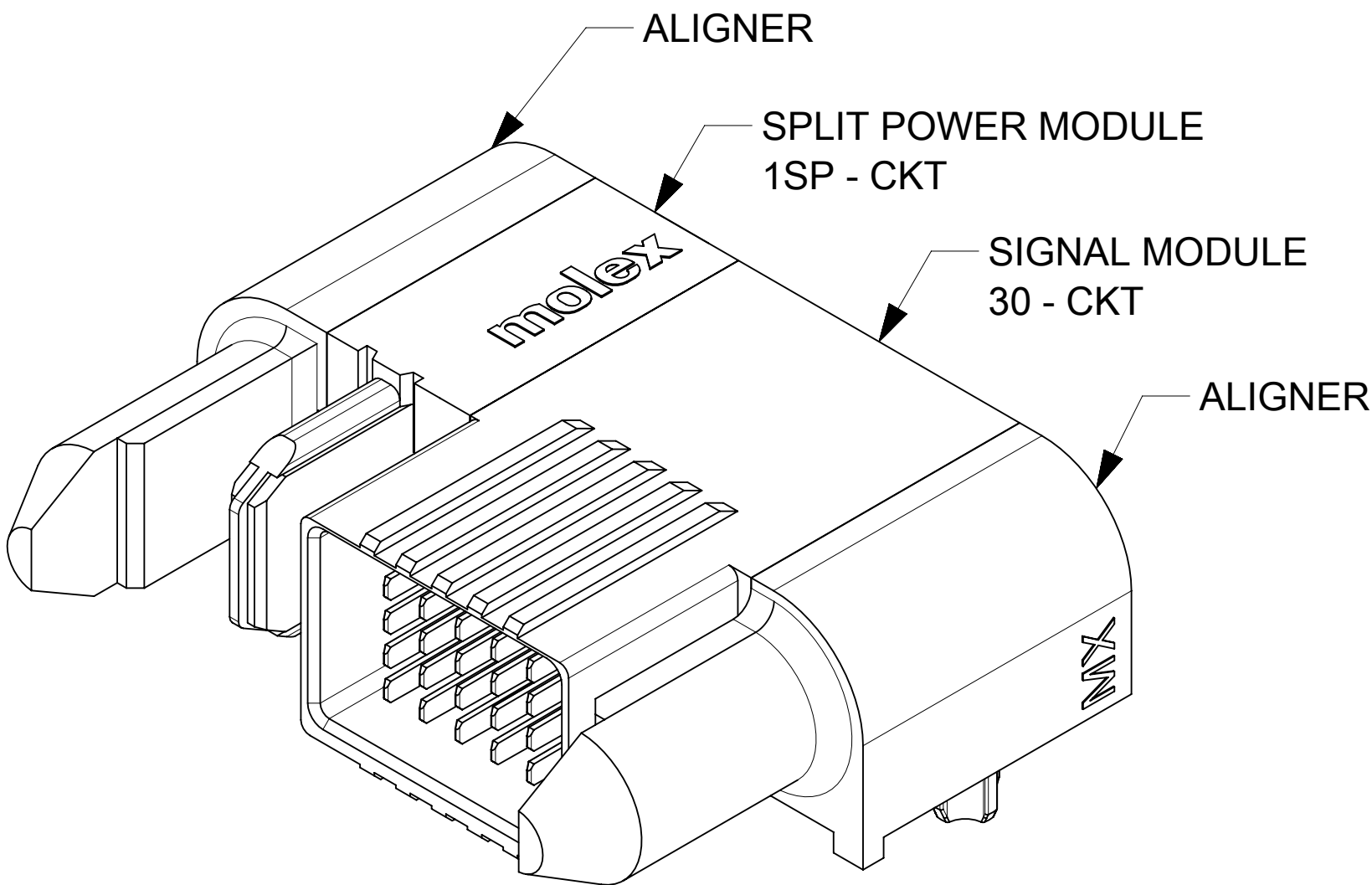
P/N: 171088-8411 (G-1SP-15S-G)



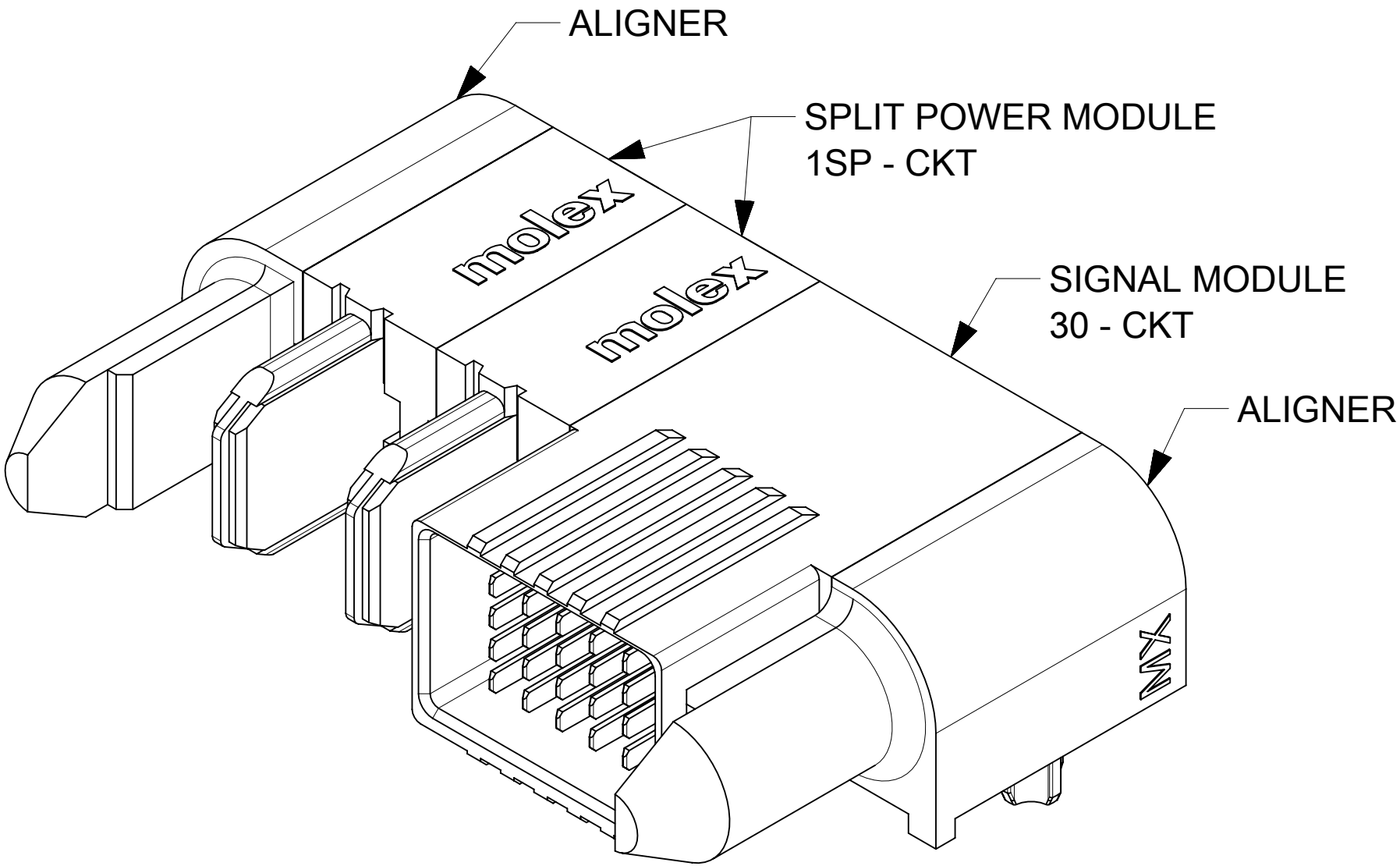
P/N: 171088-8412 (G-2SP-15S-G)



P/N: 171088-8413 (G-3SP-15S-G)



P/N: 171088-8416 (G-1SP-30S-G)



P/N: 171088-8417 (G-2SP-30S-G)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS mm		SCALE 4:1		CURRENT REV DESC: REMOVED 8414, 8415, 8419 & 8420			molex								
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± 0.5°		EC NO: 707711 DRWN: KSUTAR 2022/05/20 CHK'D: GJEEVANSURES 2022/05/23 APPR: HTHYAGARAJ 2022/06/08 INITIAL REVISION: DRWN: KSUTAR 2021/09/22 APPR: HTHYAGARAJ 2021/11/08			PRODUCT CUSTOMER DRAWING								
4 PLACES		±					DOCUMENT NUMBER 1710888420			DOC TYPE PSD		DOC PART 000		REVISION A2	
3 PLACES		±					MATERIAL NUMBER SEE TABLE			CUSTOMER GENERAL MARKET			SHEET NUMBER 3 OF 3		
2 PLACES		± 0.13													
1 PLACE		± 0.25													
0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING D-SIZE		SERIES 171088				