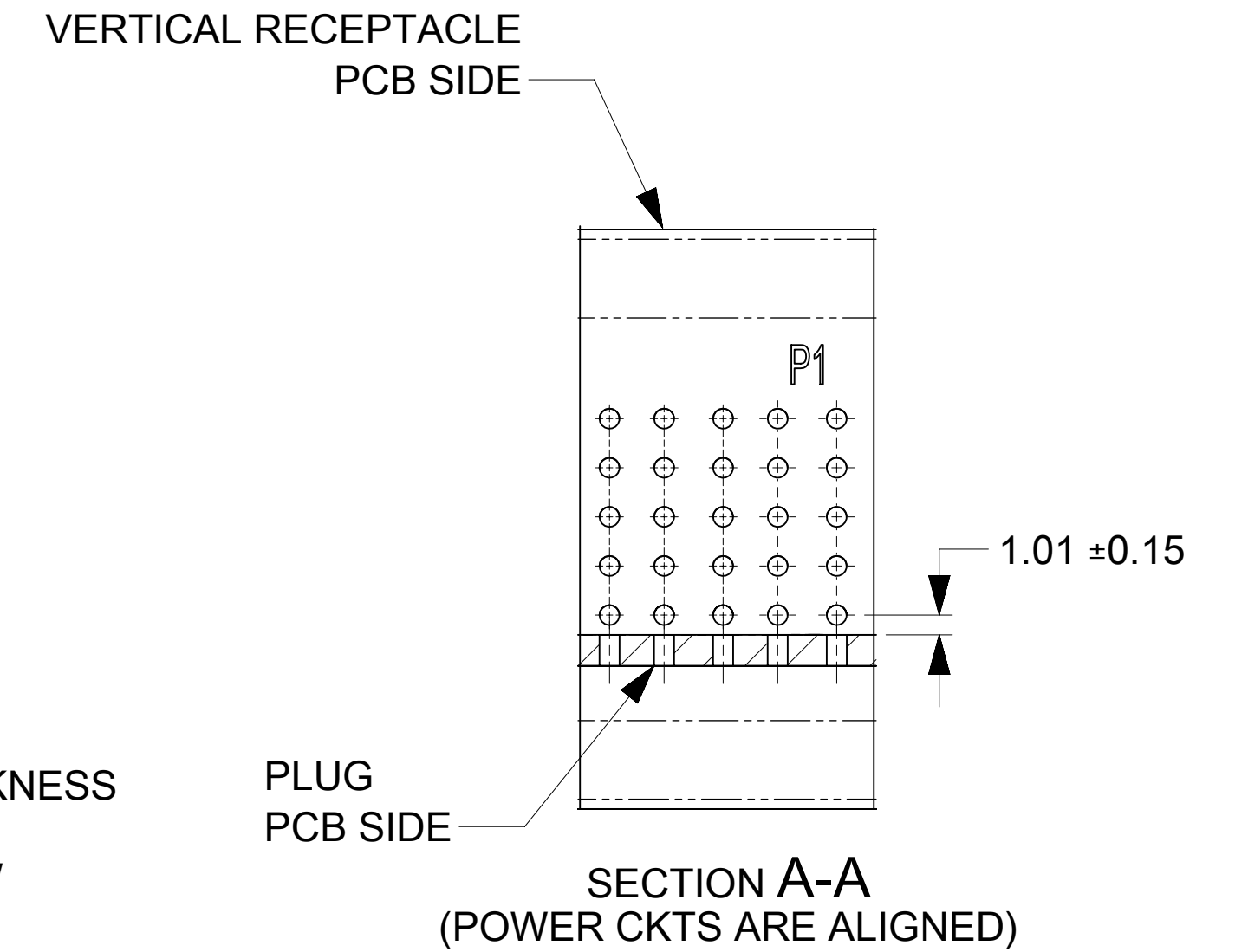
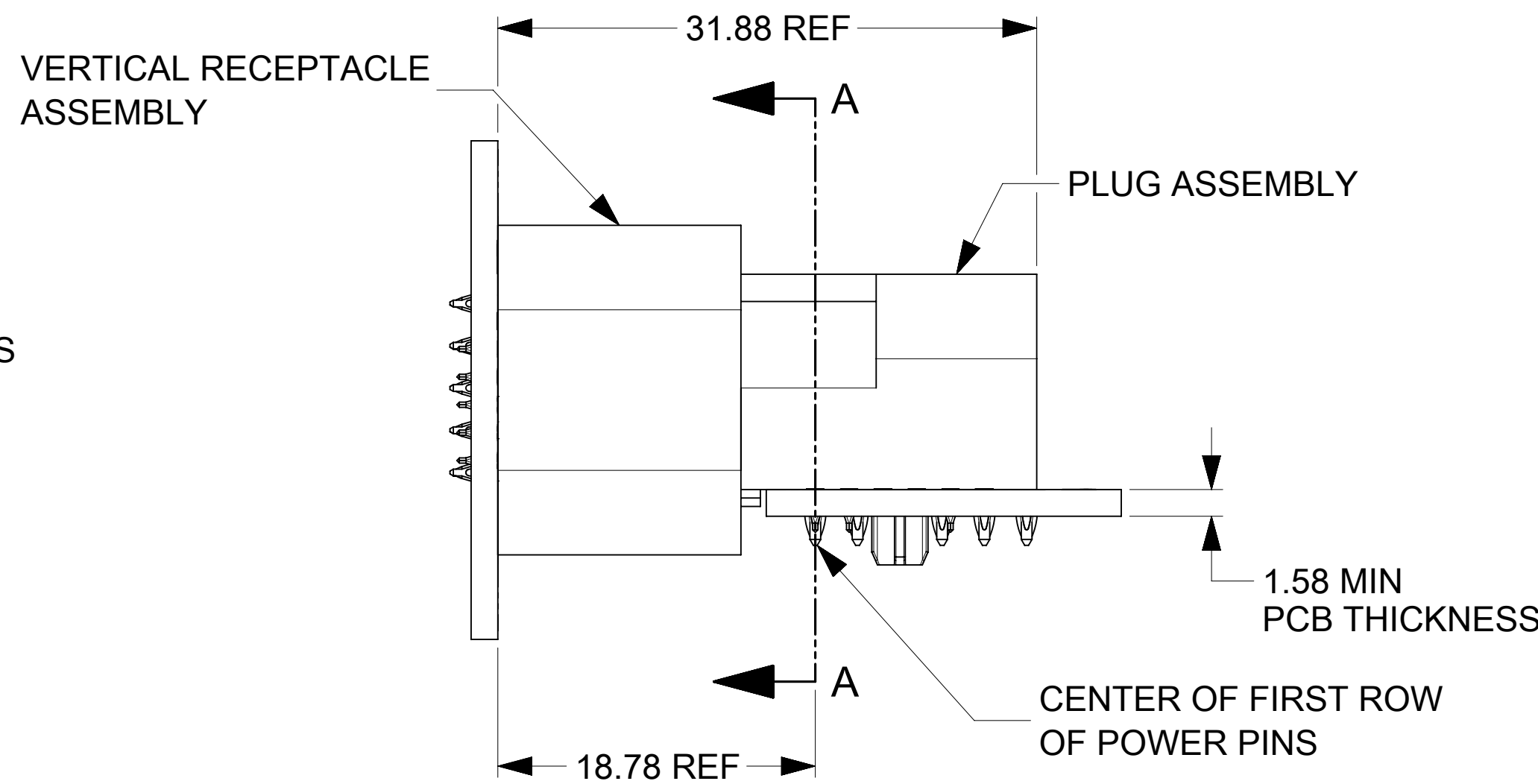
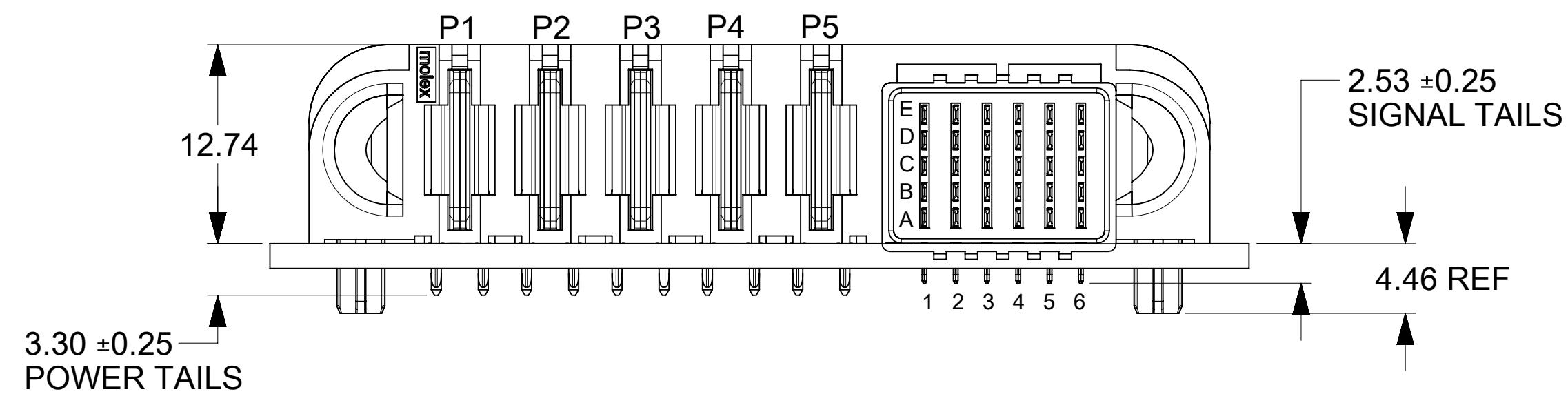
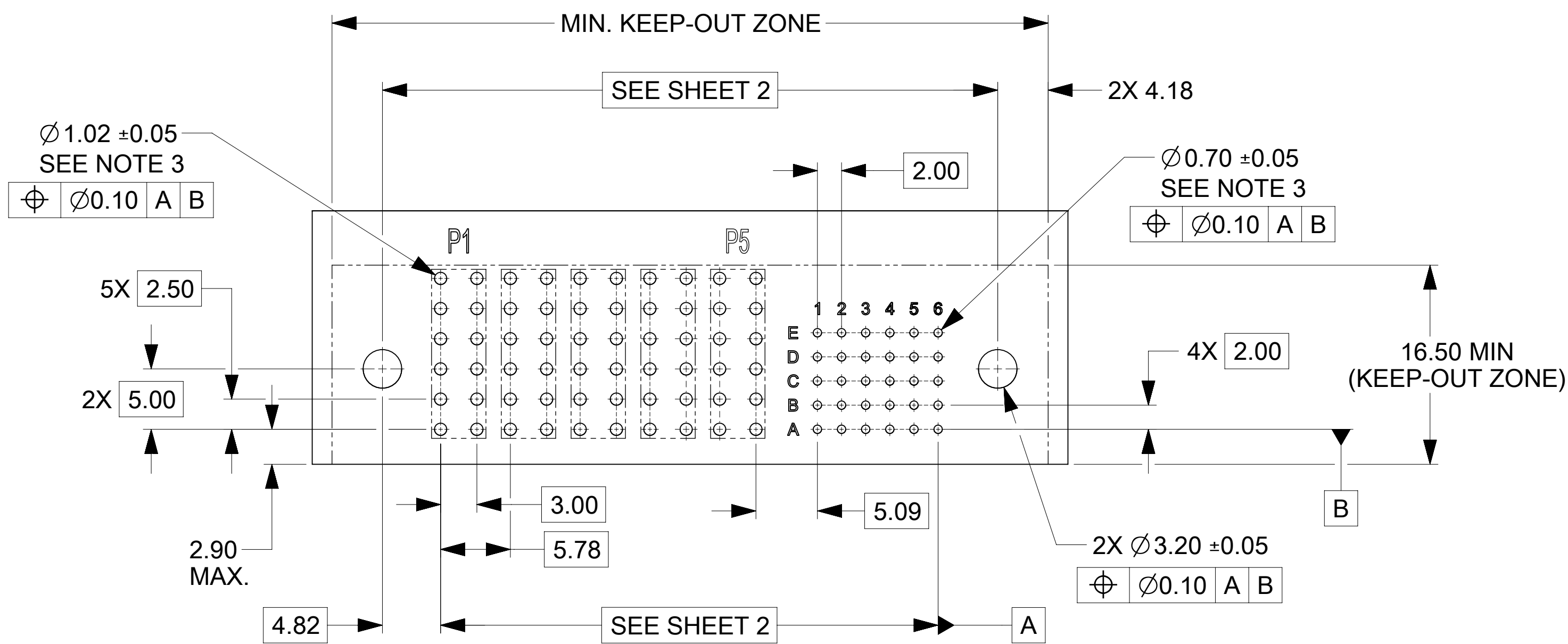


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



**PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE**



NOTES:

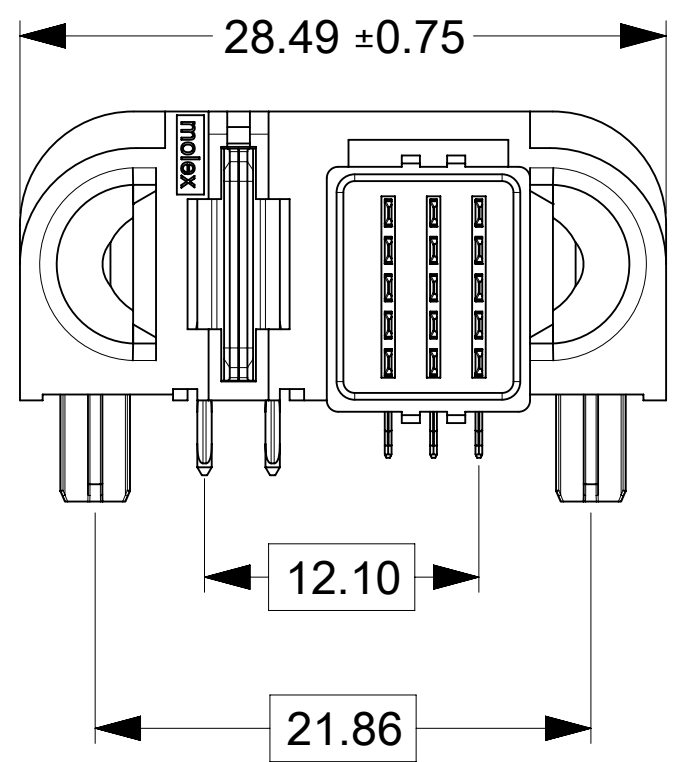
- MATERIAL:**
 -HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 -TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 -PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH
 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND
 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING:** ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141130010-PK.
- PLATED THRU HOLE SIZE,** REFER TO PRODUCT SPEC. FOR DETAILS.
- PRODUCT SPEC:** 2141130000-PS.
- PRODUCT TO MEET RoHS REQUIREMENTS.**
- PLUG ASSEMBLY MATES TO MOLEX RECEPTACLES** 219563XXXX-SD AND 219564XXXX-SD, SEE DRAWINGS FOR DETAILS.
- TAIL DESIGN: COMPLIANT PIN.**
- POWER TERMINALS AND SIGNALS ARE LUBRICATED.**
- APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).**

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

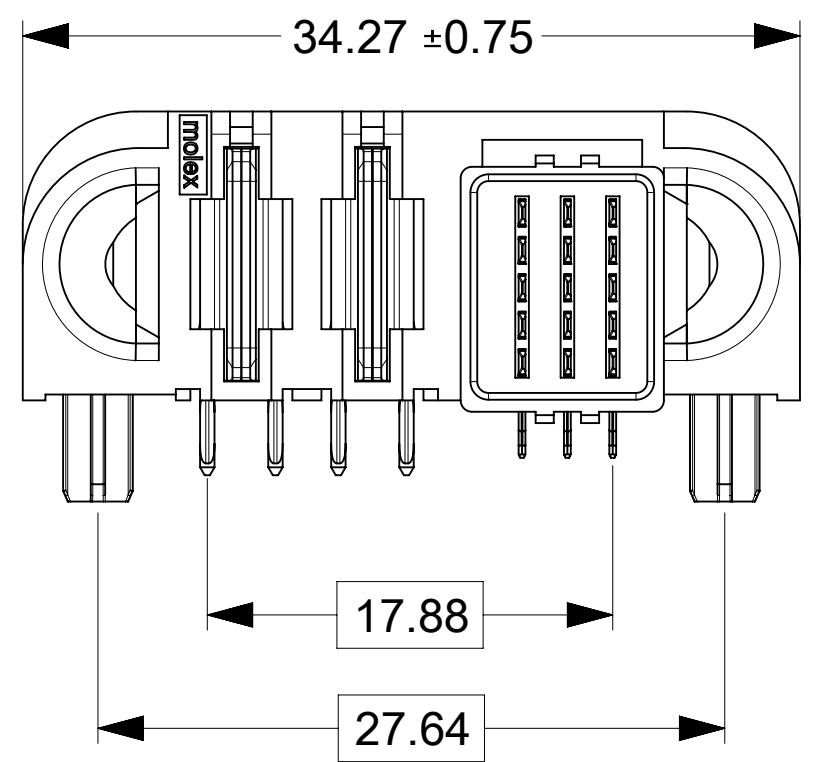
DIMENSION UNITS	SCALE	CURRENT REV DESC:		molex		
mm	3:1					
GENERAL TOLERANCES (UNLESS SPECIFIED)				PRODUCT CUSTOMER DRAWING		
ANGULAR TOL	± °	EC NO:	745288	DOCUMENT NUMBER	DOC TYPE	DOC PART
4 PLACES	±	DRWN:	LZABJANOVSKI	2023/03/09	PSD	000
3 PLACES	±	CHK'D:	JAYK1	2023/04/10		A1
2 PLACES	± 0.25	APPR:	JAYK1	2023/04/10	REVISION	
1 PLACE	± 0.3	INITIAL REVISION:		2195629001-SD		
0 PLACES	±	DRWN:	LZABJANOVSKI	2022/03/14		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR:	BPISZCZOR	2022/08/04		
THIRD ANGLE PROJECTION		DRAWING	D-SIZE	SERIES	MATERIAL NUMBER	CUSTOMER
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				219562	SEE CHART	SHEET NUMBER
						1 OF 2

RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

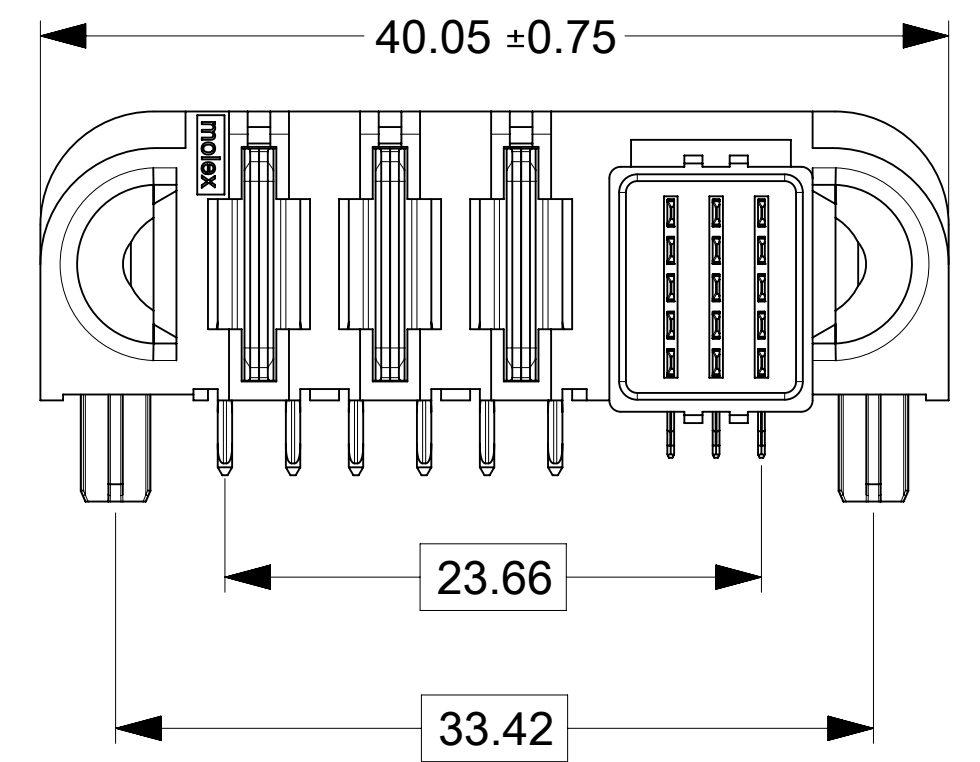
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0011	G+1P+15S+G	135



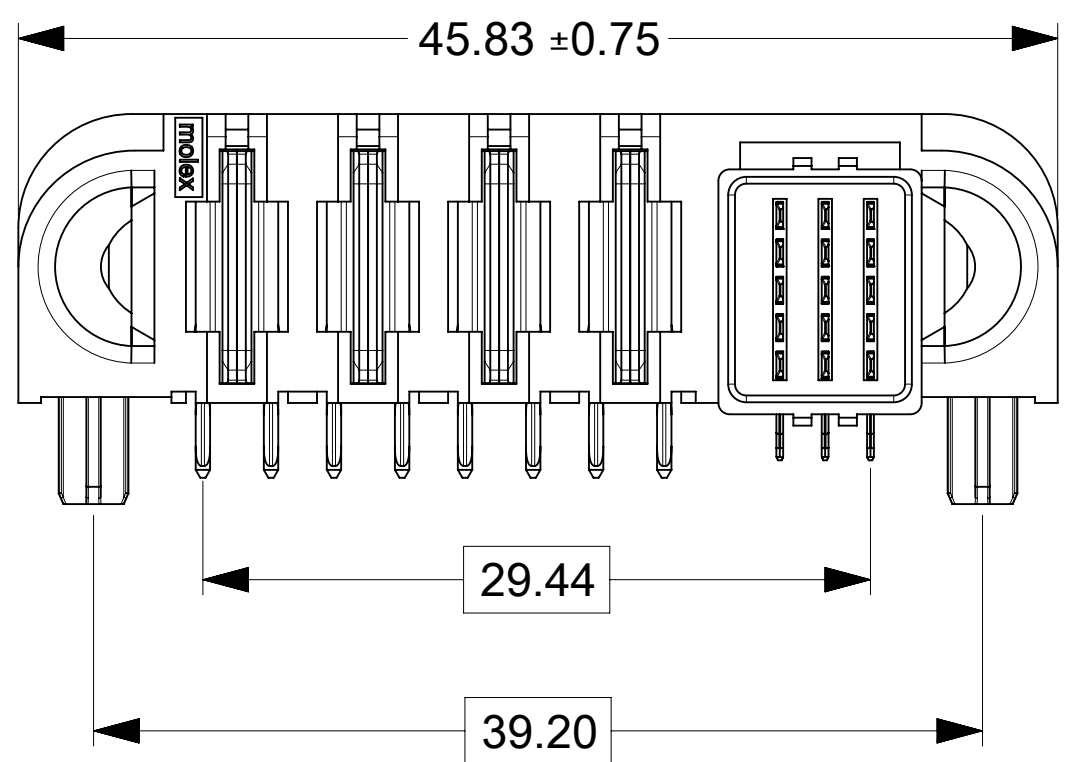
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0012	G+2P+15S+G	105



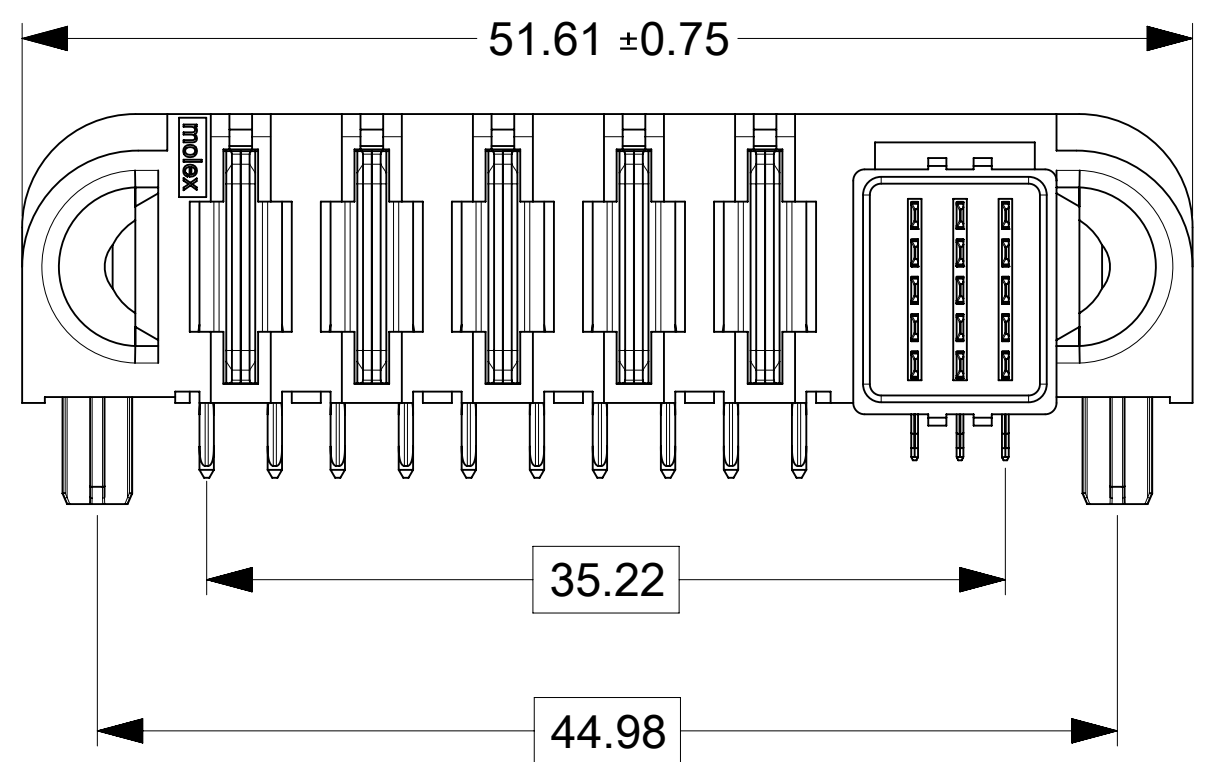
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0013	G+3P+15S+G	90



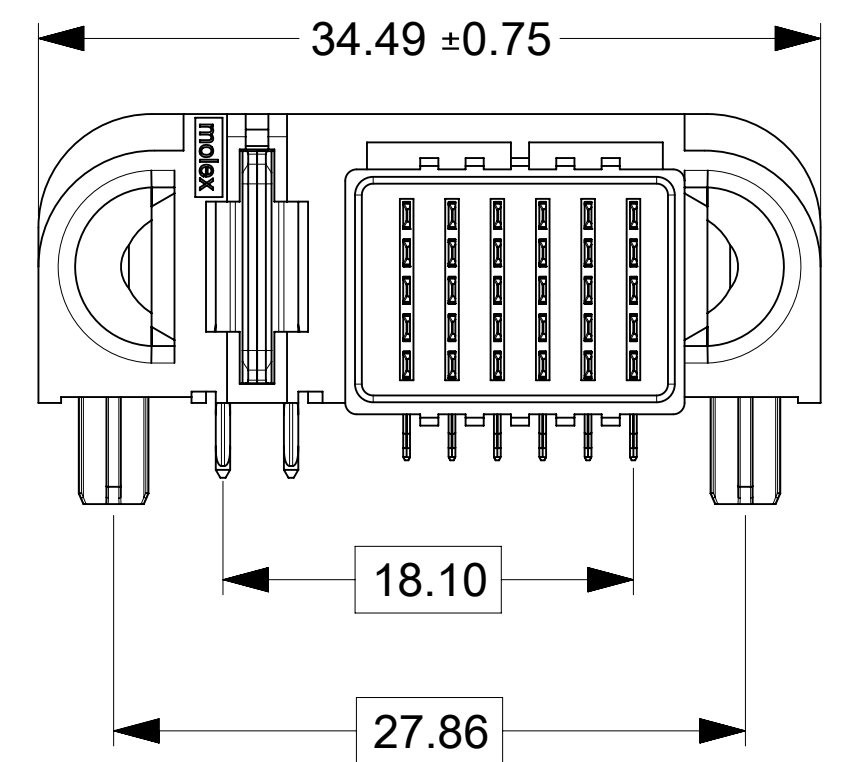
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0014	G+4P+15S+G	75



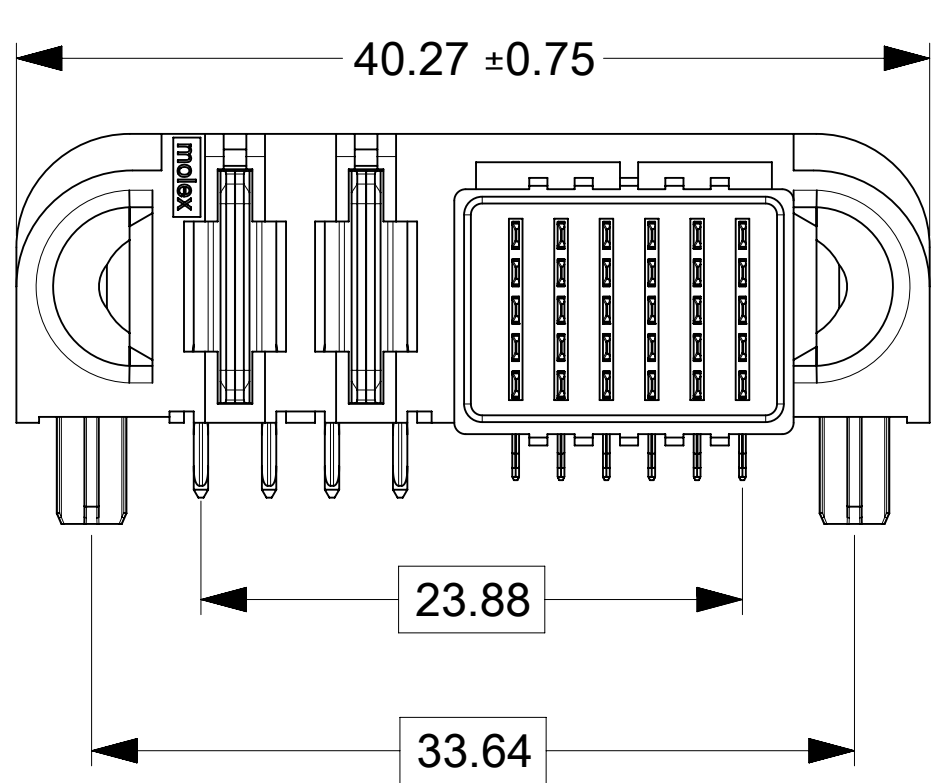
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0015	G+5P+15S+G	75



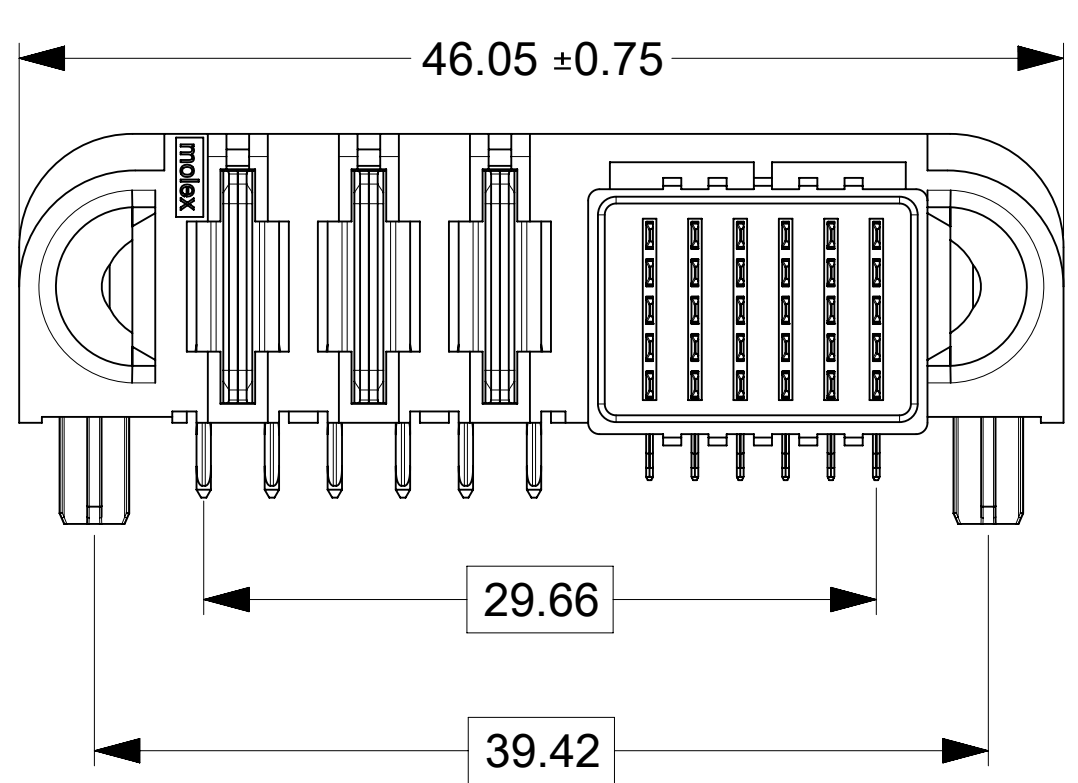
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0016	G+1P+30S+G	105



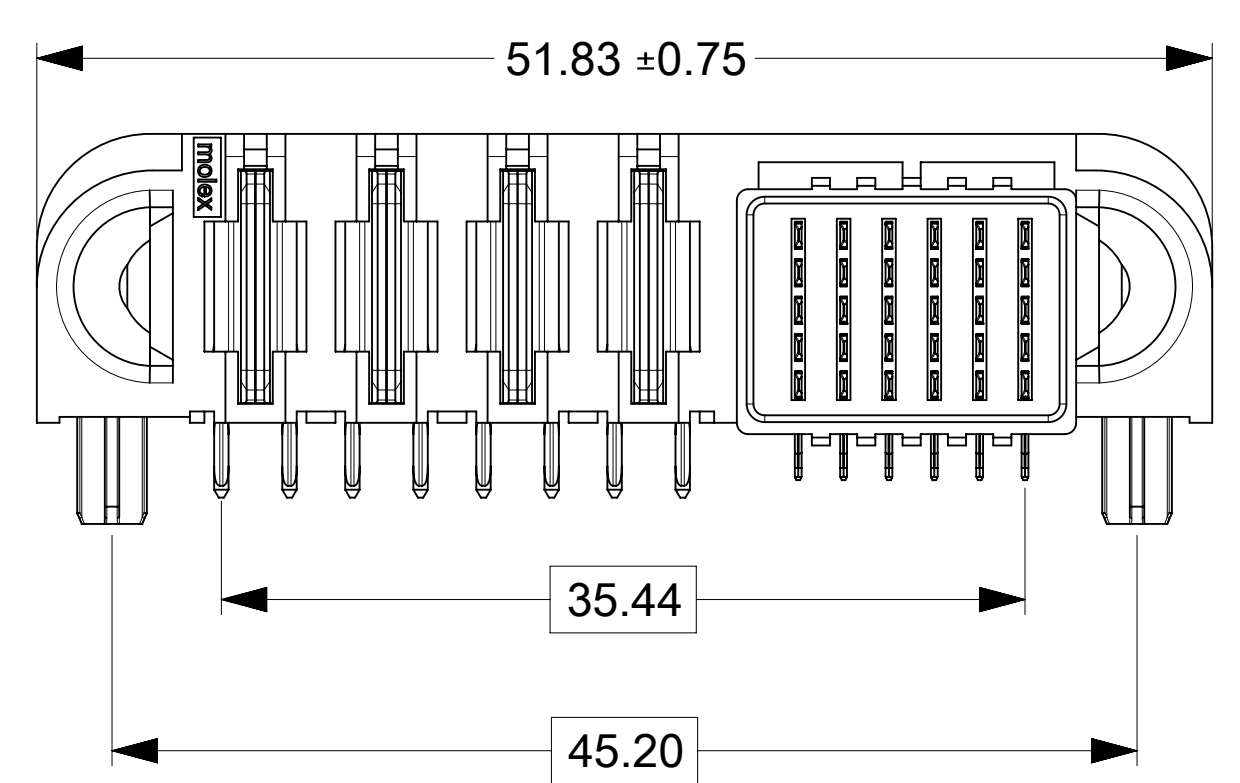
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0017	G+2P+30S+G	90



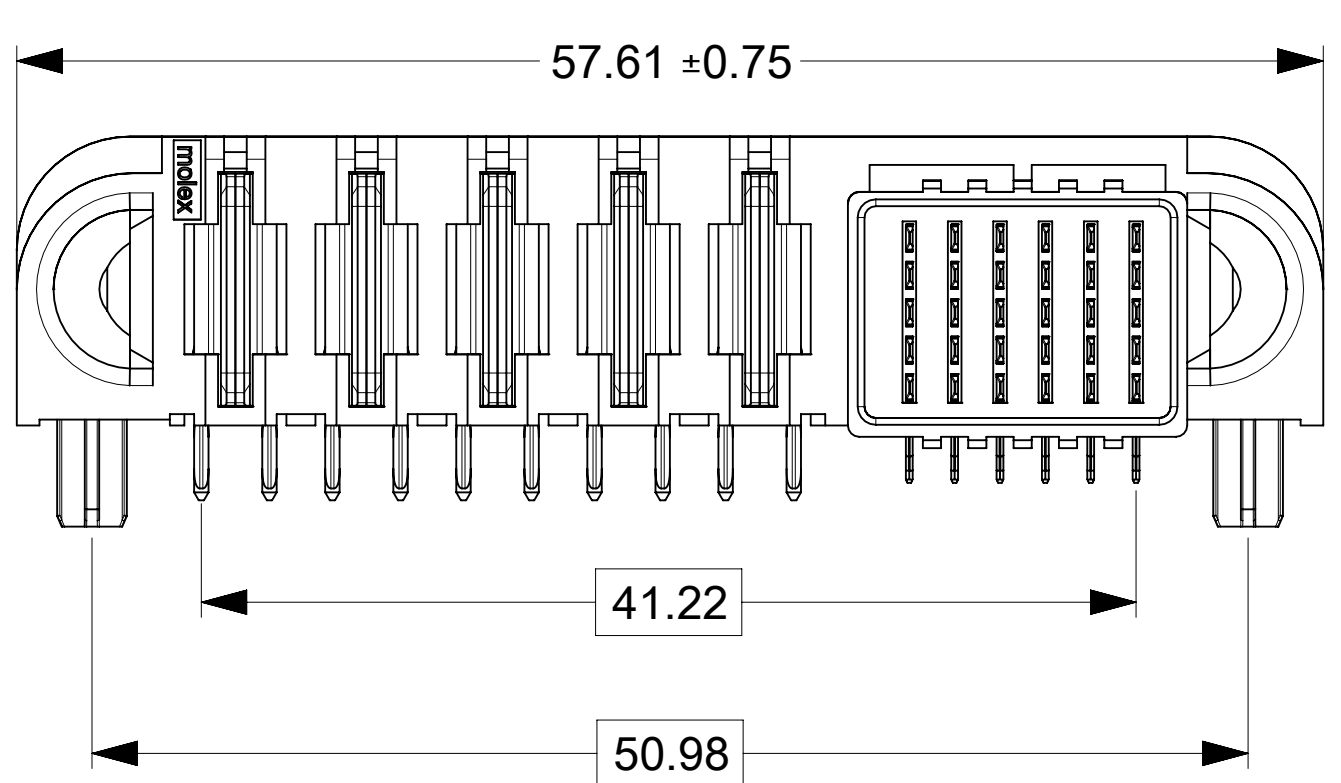
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0018	G+3P+30S+G	75



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0019	G+4P+30S+G	75



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0020	G+5P+30S+G	60



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DIMENSION UNITS	SCALE	CURRENT REV DESC:
mm	3:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.3
0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION	DRAWING	SERIES
	D-SIZE	219562
EC NO: 745288	DRWN: LZABJANOVSKI	2023/03/09
CHK'D: JAYK1	APPR: JAYK1	2023/04/10
INITIAL REVISION:	DRWN: LZABJANOVSKI	2022/03/14
APPR: BPISZCZOR		2022/08/04
DOCUMENT NUMBER	DOC TYPE	DOC PART
2195629001-SD	PSD	000
MATERIAL NUMBER	CUSTOMER	REVISION
SEE CHART		A1
SHEET NUMBER		
2 OF 2		

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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