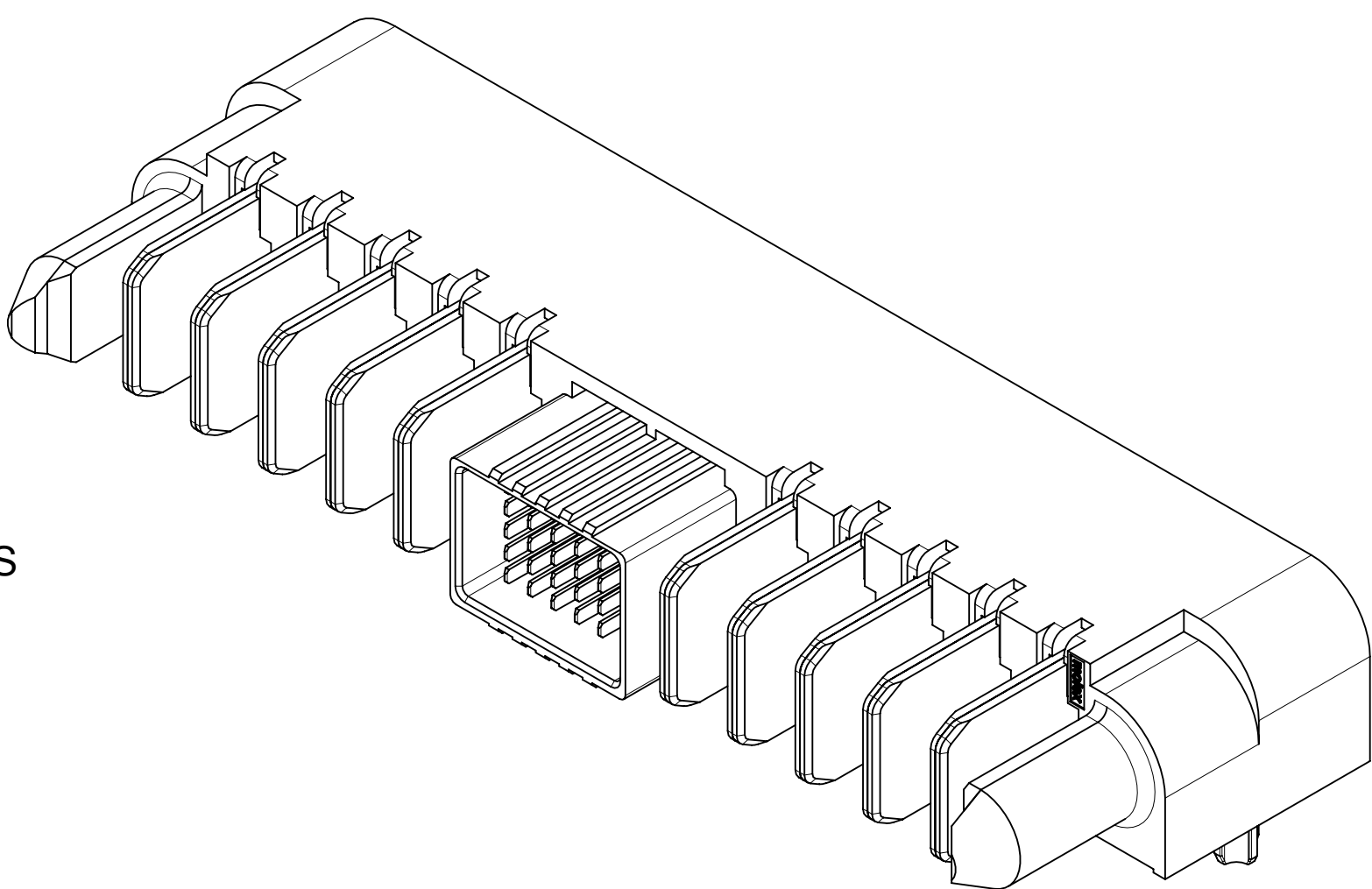
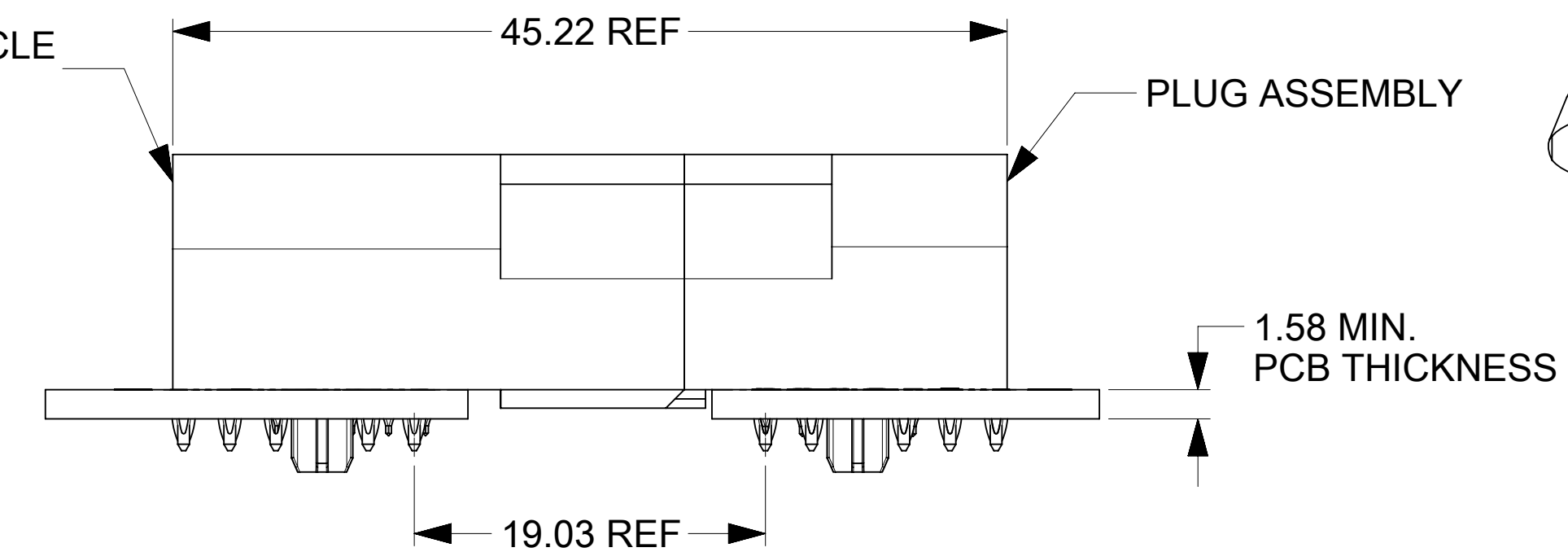
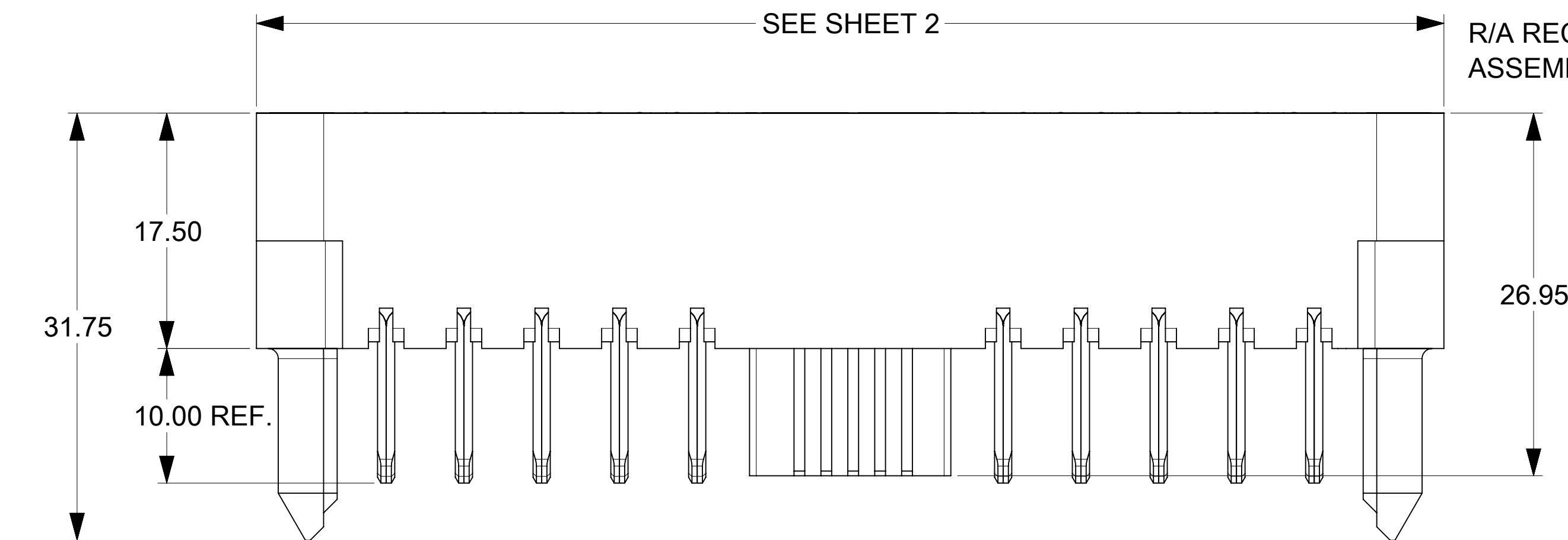
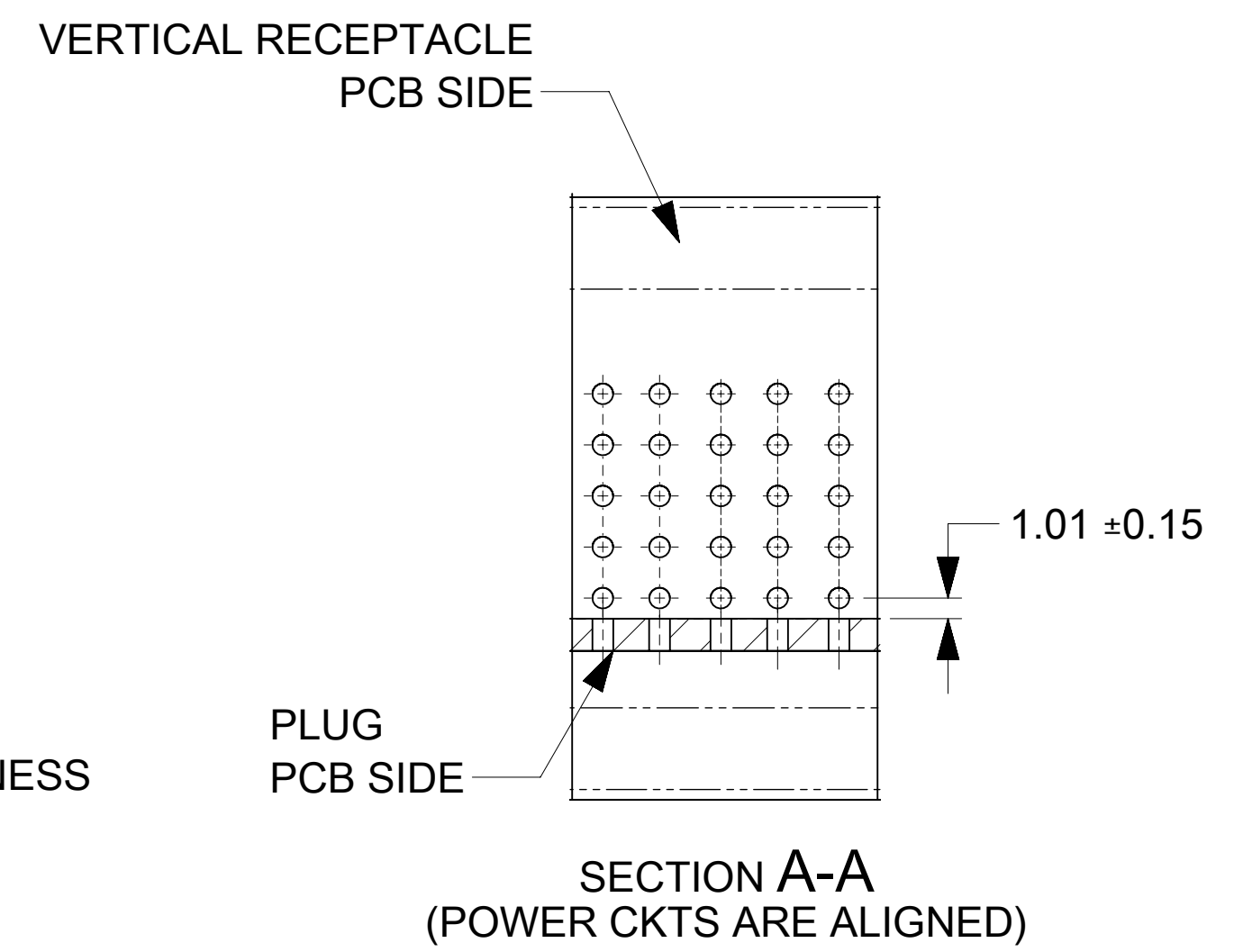
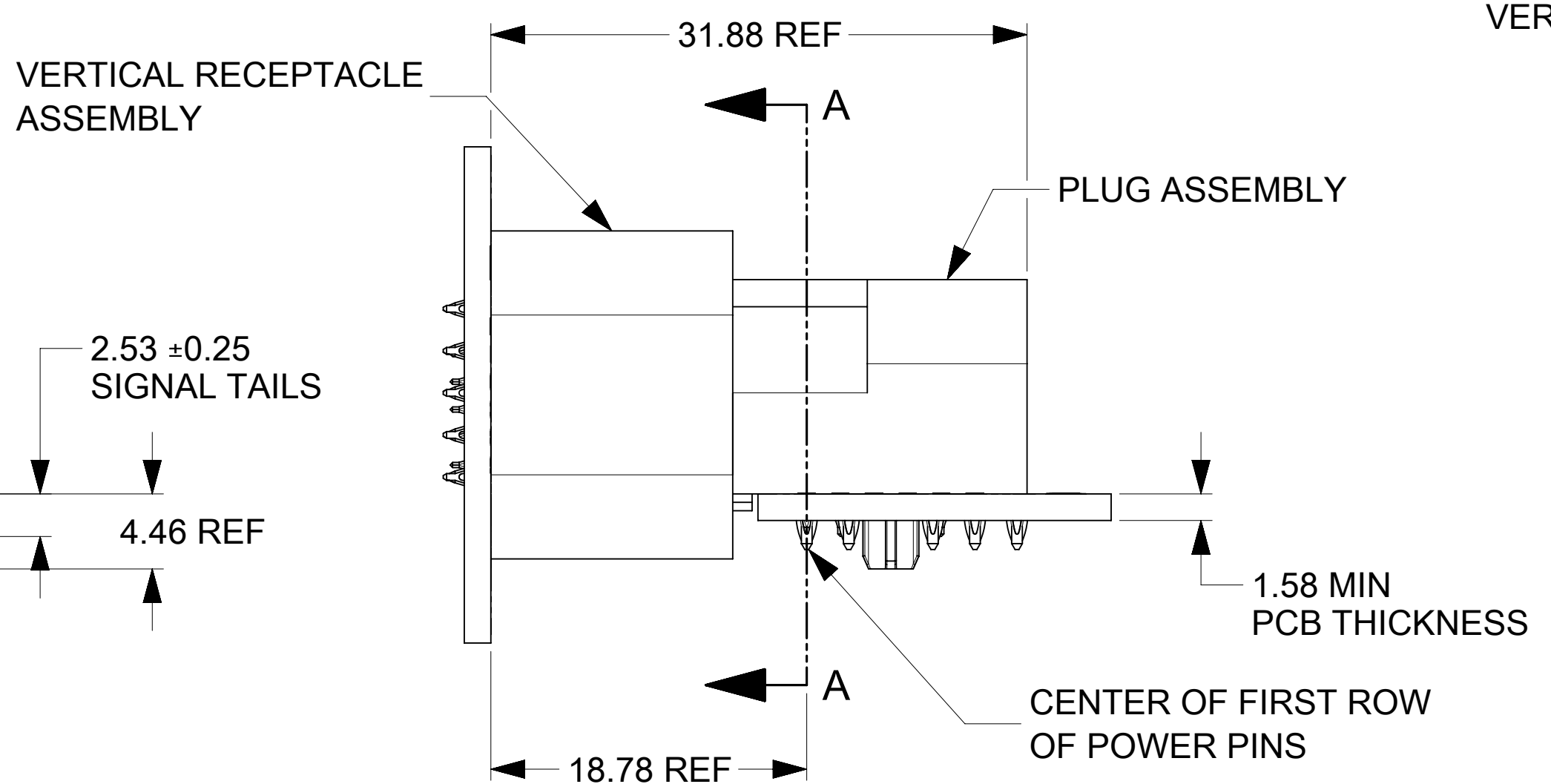
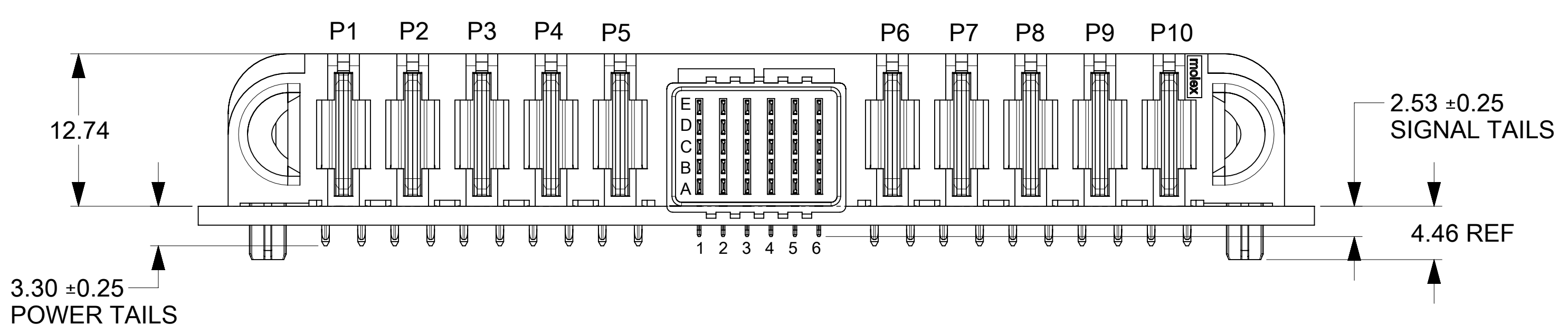
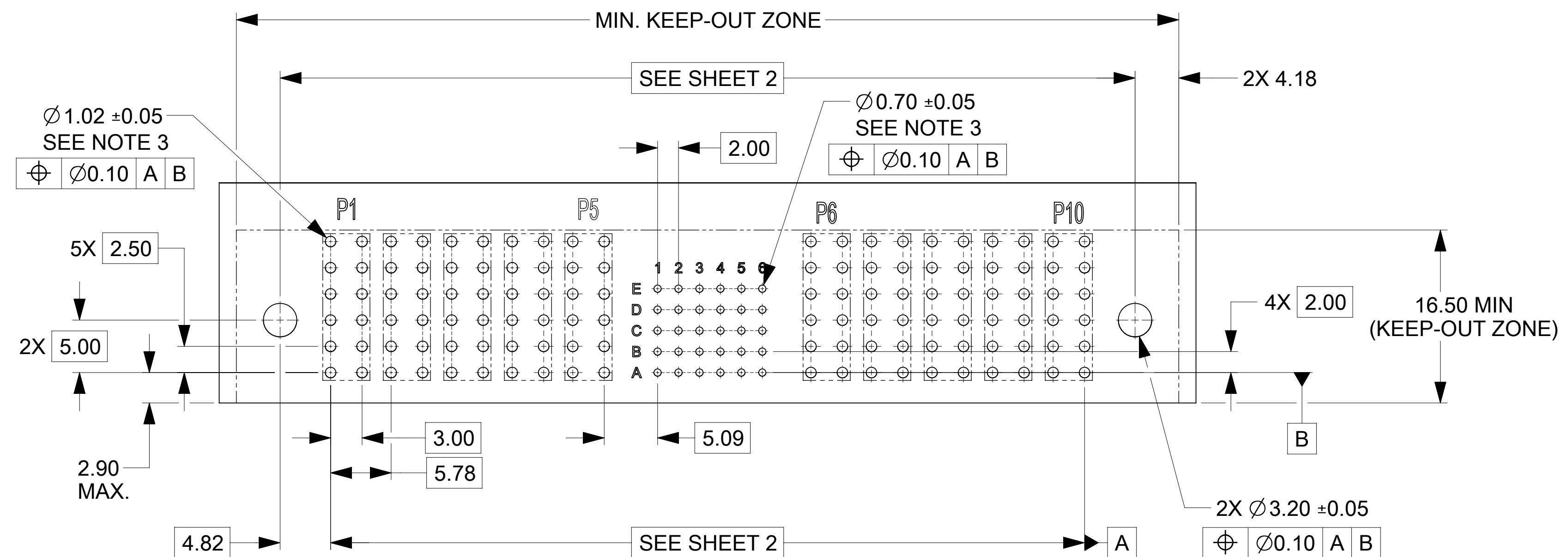




PLUG MATED TO R/A RECEPTACLE
MATED PROFILE



PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE

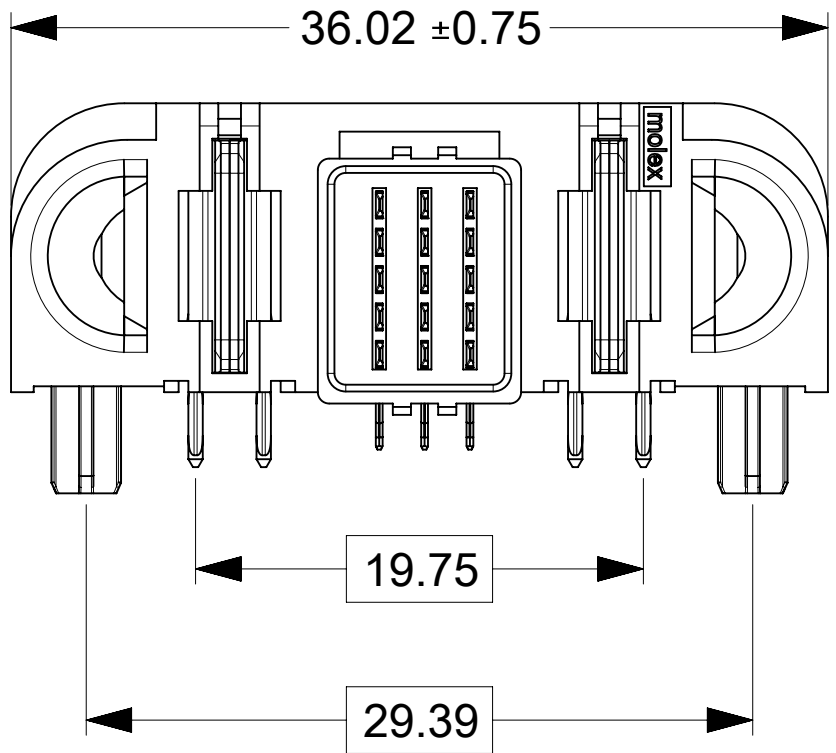


- NOTES:
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
 - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING 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).

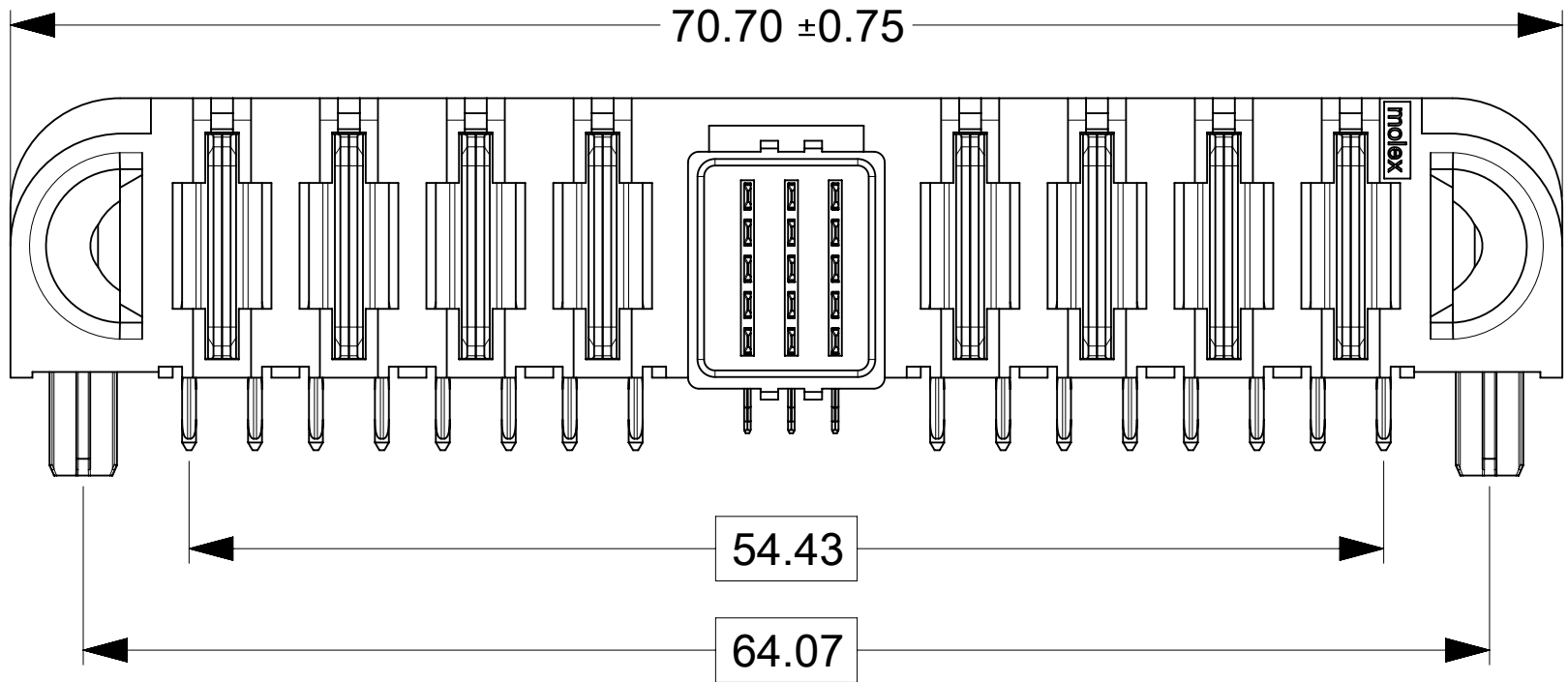
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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)				EC NO: 745288 DRWN: LZABJANOVSKI 2023/03/09 CHK'D: JAYK1 2023/04/10 APPR: JAYK1 2023/04/10				GUARDIAN HD RA PLUG DUAL POWER SIGNAL CENTER PF							
ANGULAR TOL ± °															
4 PLACES		±													
3 PLACES		±		INITIAL REVISION: DRWN: LZABJANOVSKI 2022/03/28 APPR: BPISZCZOR 2022/08/04				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER2195629002-SDDOC TYPEPSDDOC PART000REVISIONA1							
2 PLACES		± 0.25													
1 PLACE		± 0.3													
0 PLACES		±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								D-SIZE 219562		SEE CHART				1 OF 2	

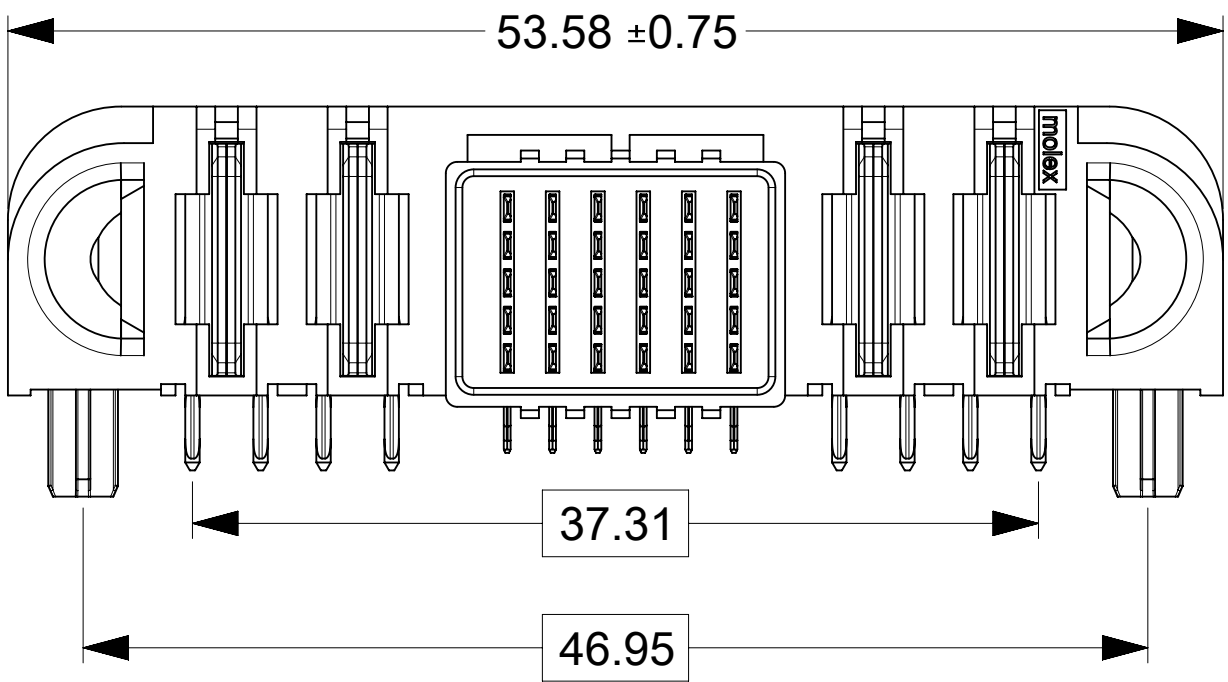
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0021	G+1P+15S+1P+G	105



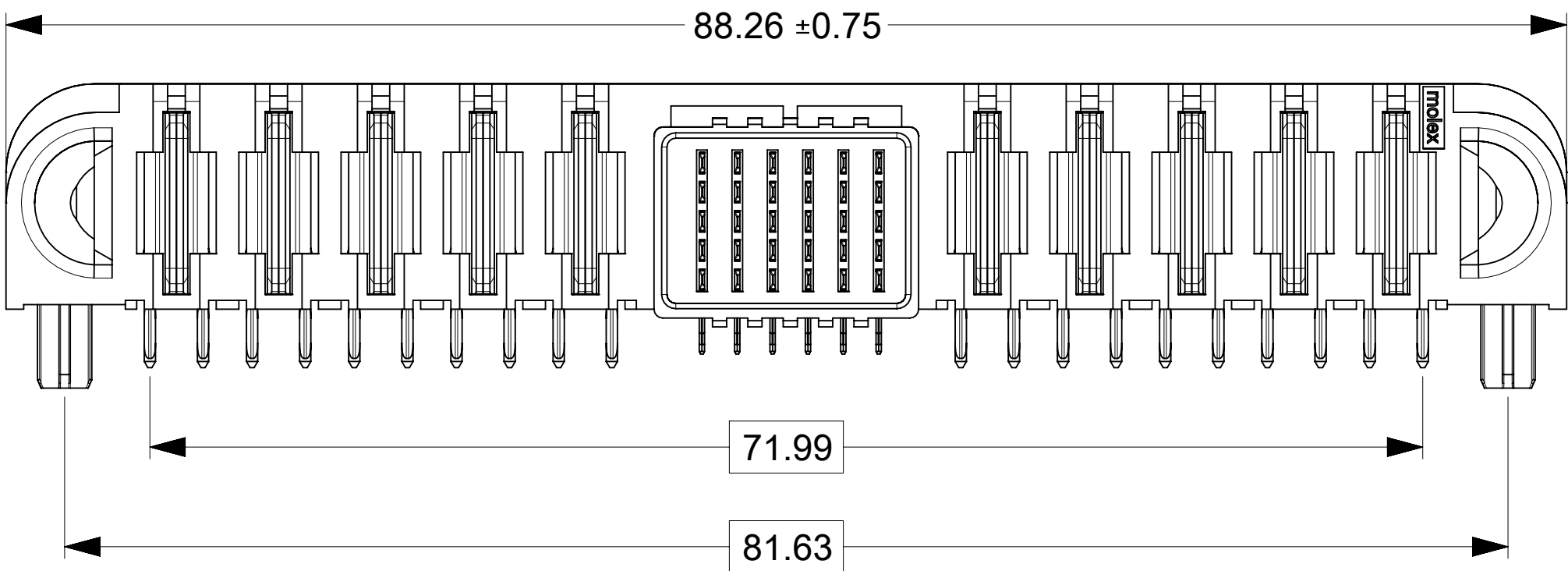
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0024	G+4P+15S+4P+G	45



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0027	G+2P+30S+2P+G	60

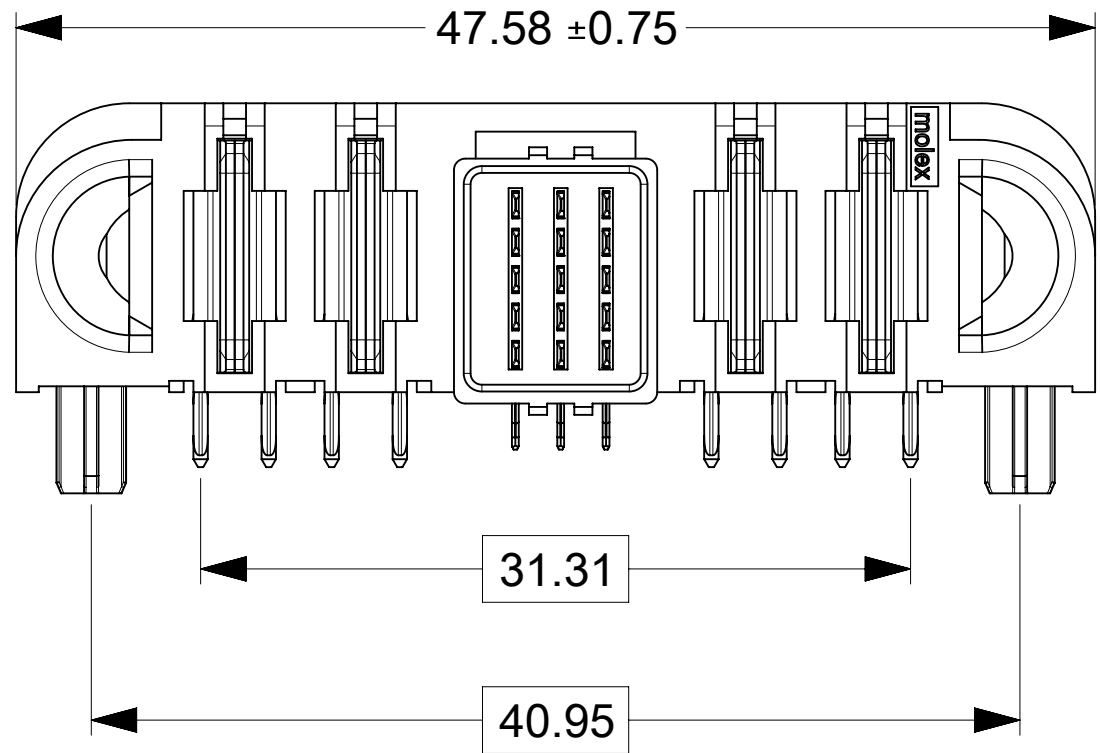


PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0030	G+5P+30S+5P+G	30

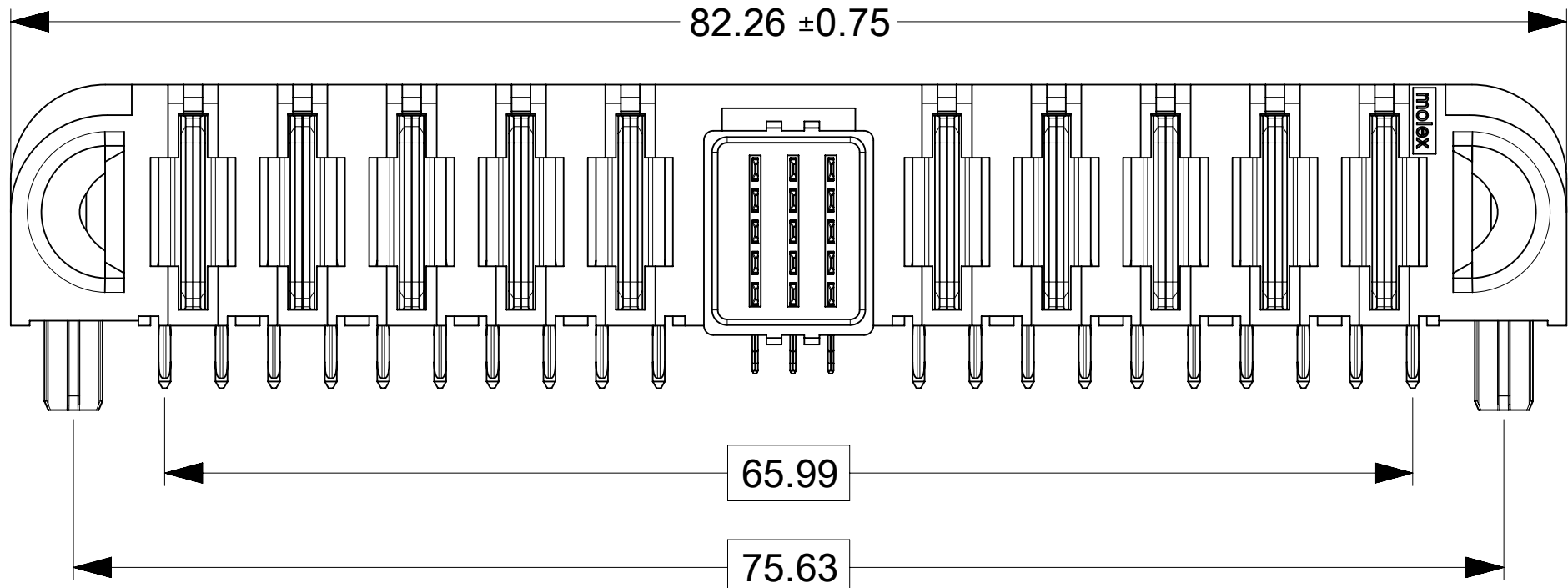


DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:04:40
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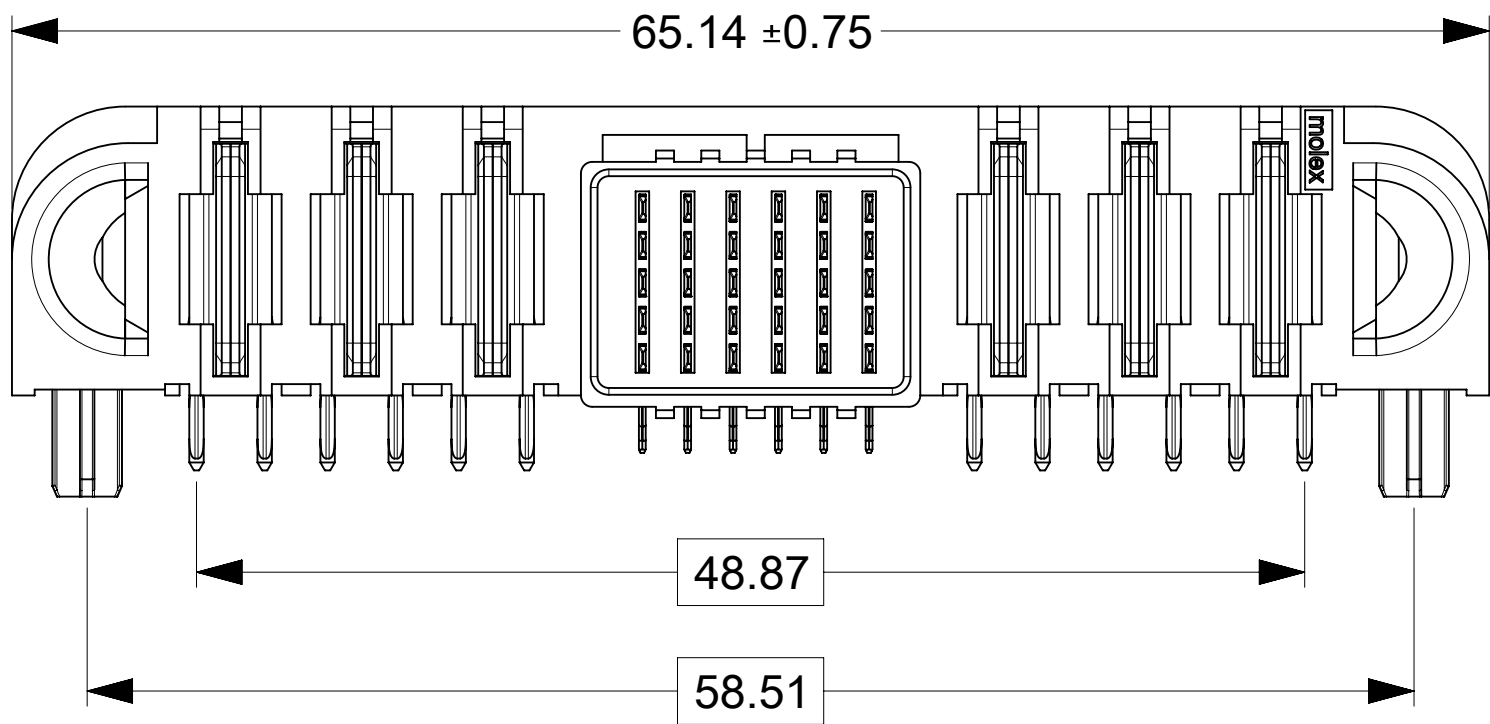
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0022	G+2P+15S+2P+G	75



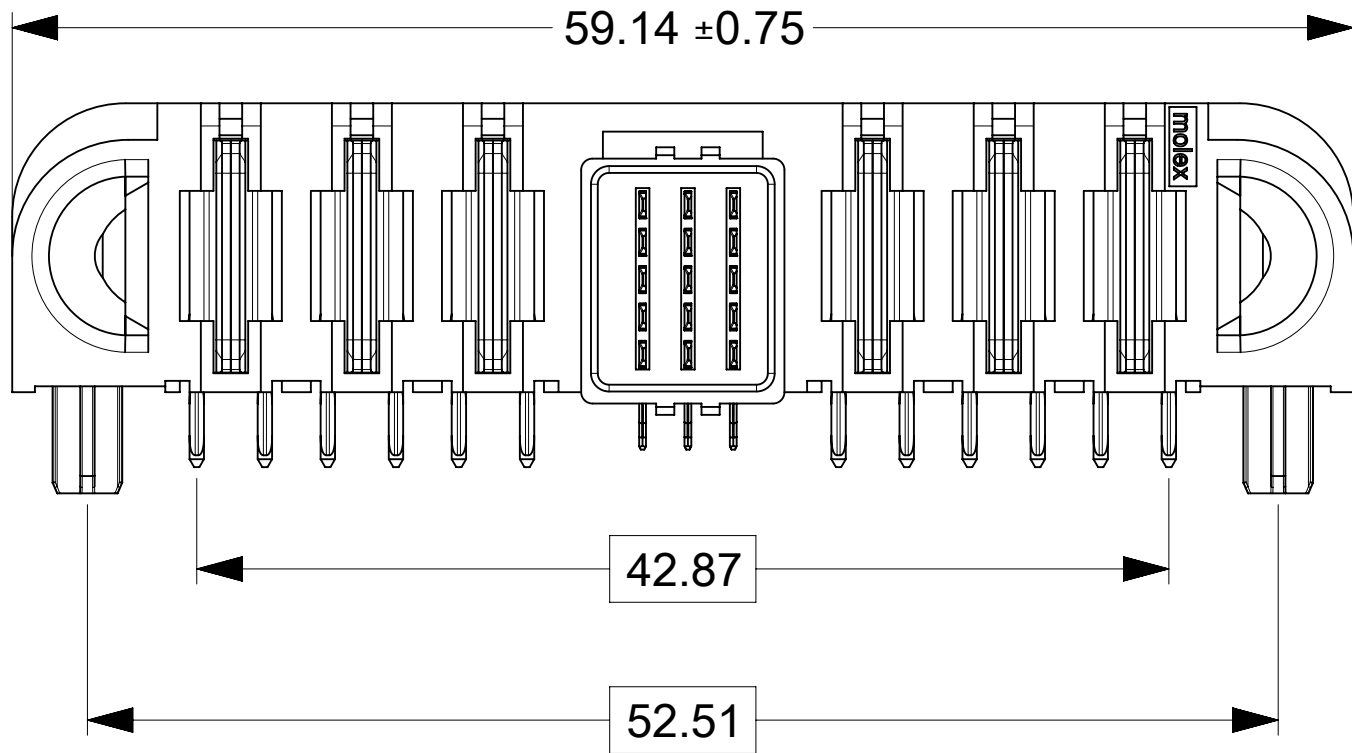
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0025	G+5P+15S+5P+G	45



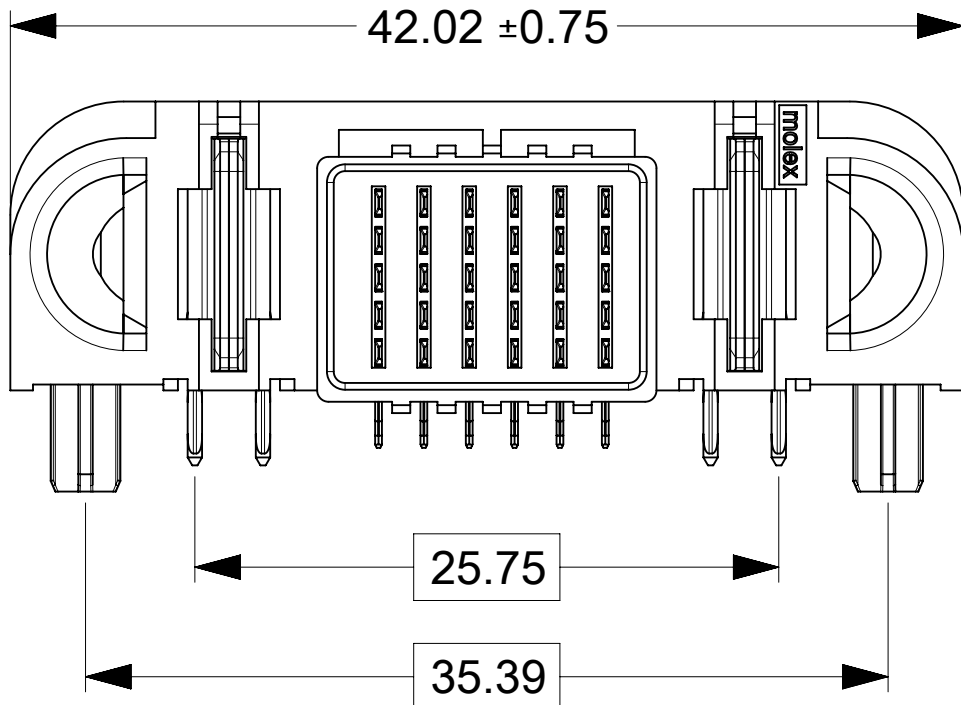
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0028	G+3P+30S+3P+G	45



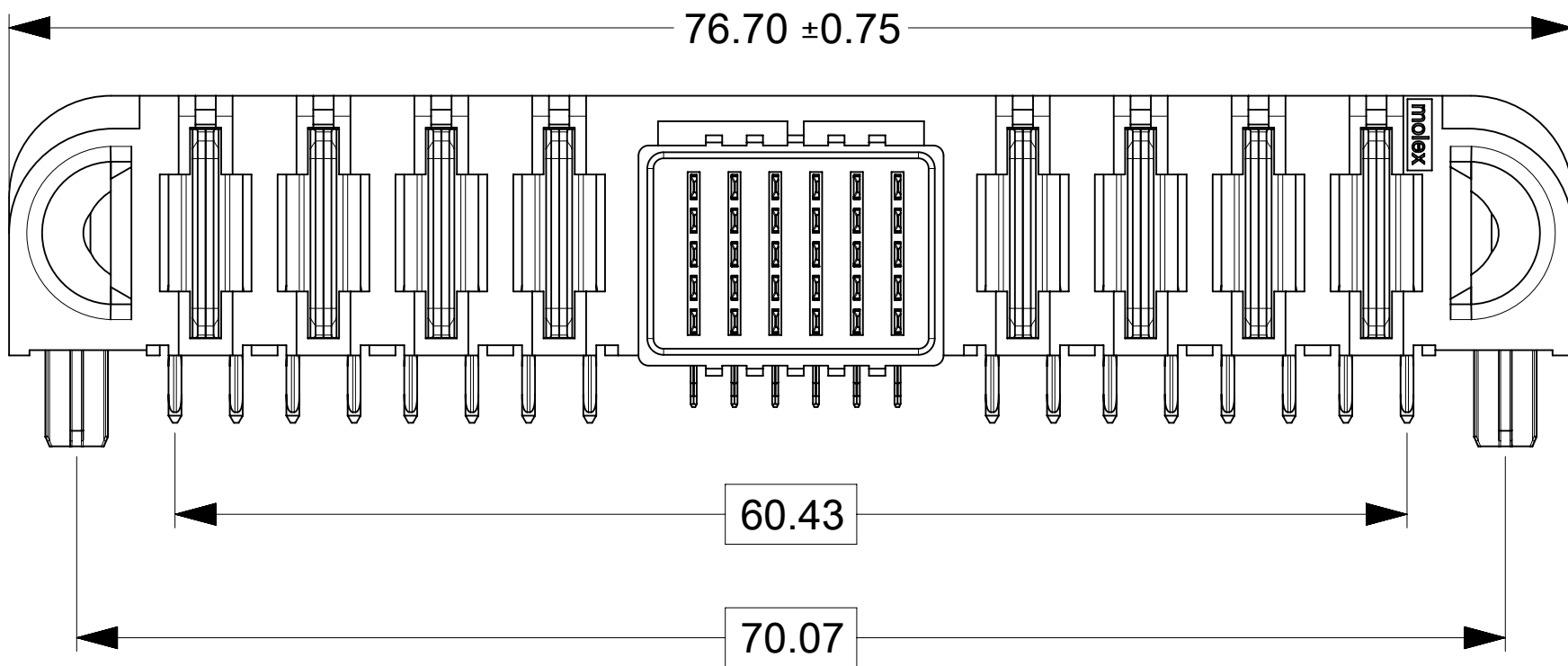
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0023	G+3P+15S+3P+G	60



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0026	G+1P+30S+1P+G	90



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219562-0029	G+4P+30S+4P+G	45



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DIMENSION UNITS	SCALE
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	

CURRENT REV DESC:

EC NO: 745288

DRWN: LZABJANOVSKI

CHK'D: JAYK1

APPR: JAYK1

INITIAL REVISION:

DRWN: LZABJANOVSKI

APPR: BPISZCZOR

2023/03/09

2023/04/10

2023/04/10

2022/03/28

2022/08/04

D-SIZE

SERIES

219562

THIRD ANGLE PROJECTION

DOCUMENT NUMBER

2195629002-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A1

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2 OF 2

mo

lex

GUARDIAN HD RA PLUG DUAL POWER
SIGNAL CENTER PF

PRODUCT CUSTOMER DRAWING