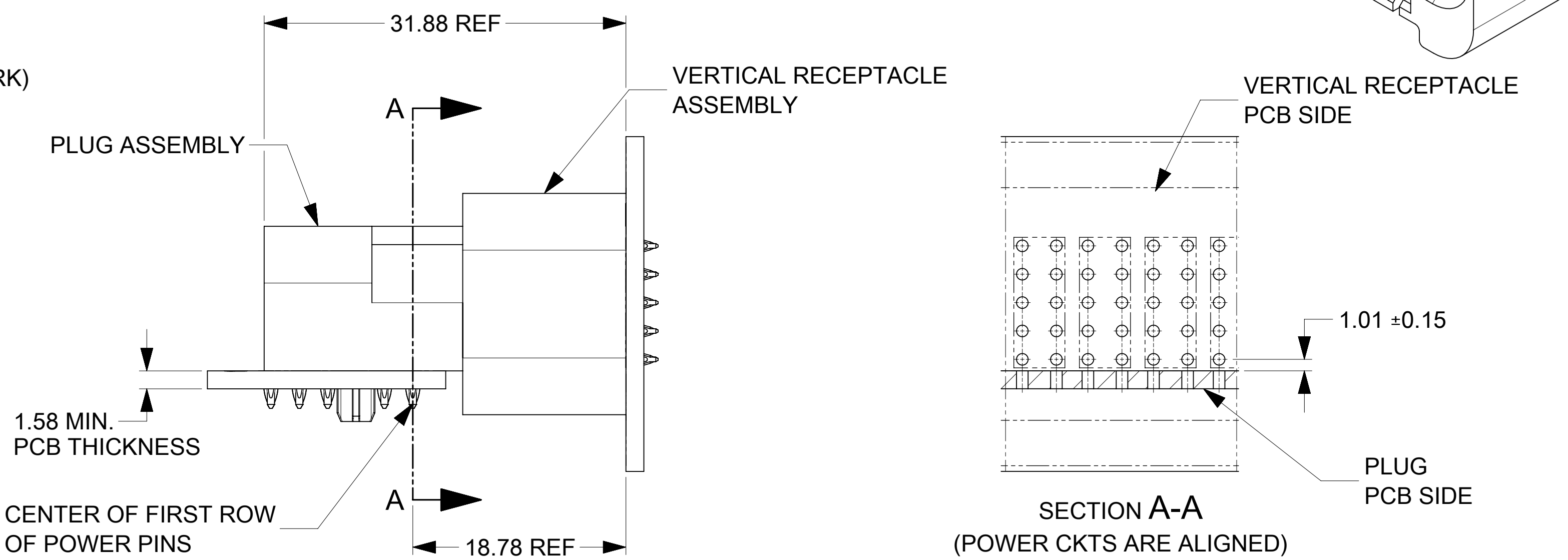
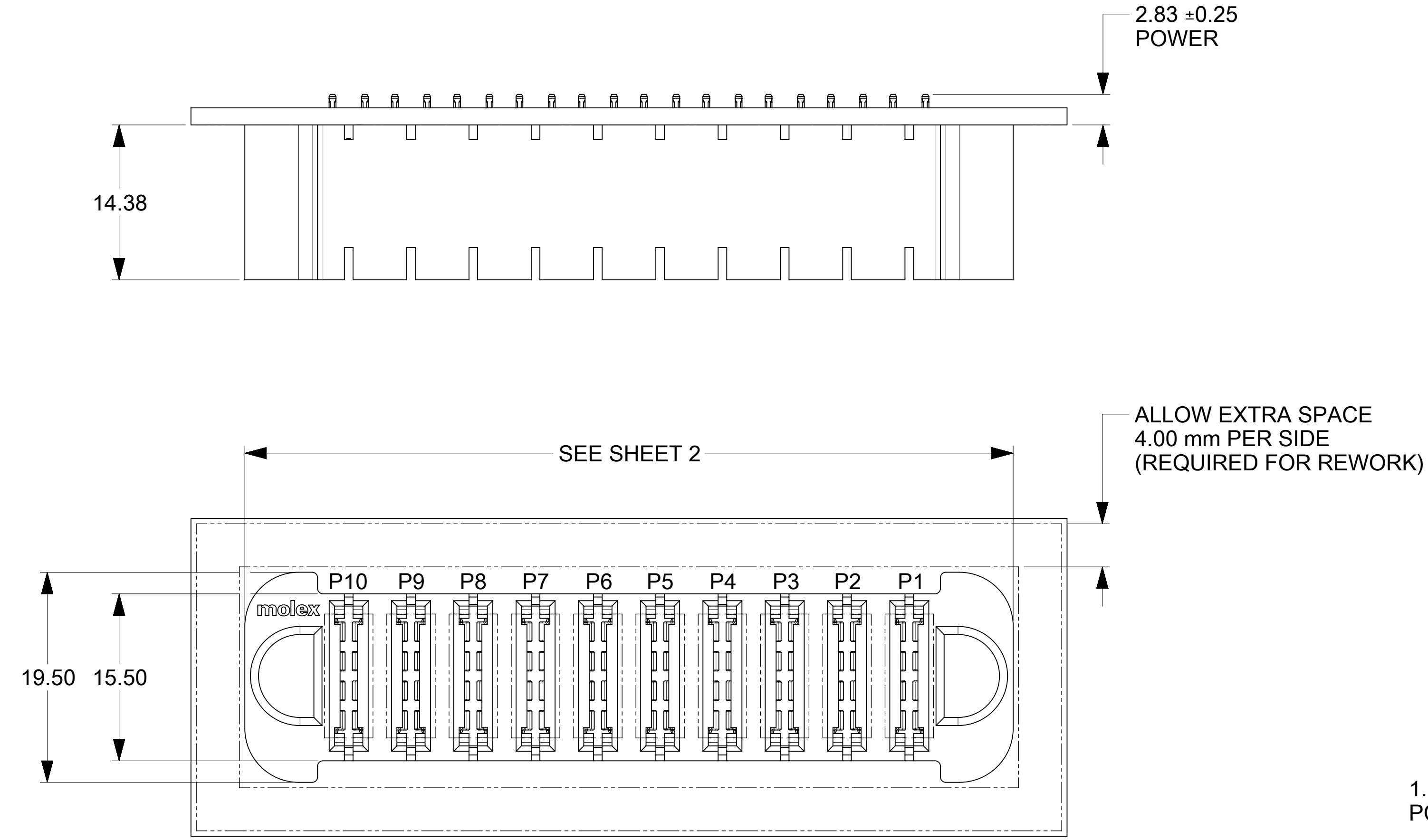
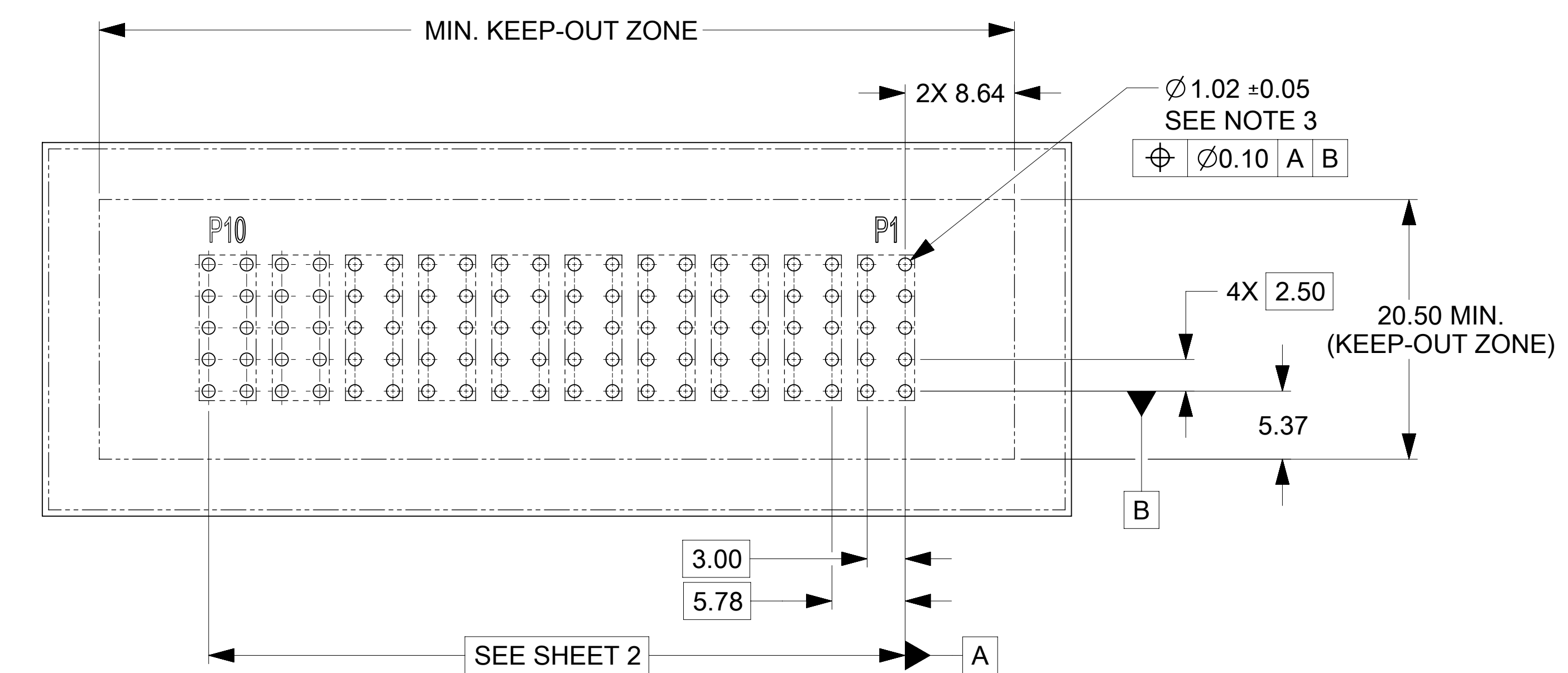




PLUG MATED TO VERTICAL RECEPTACLE
MATED PROFILE

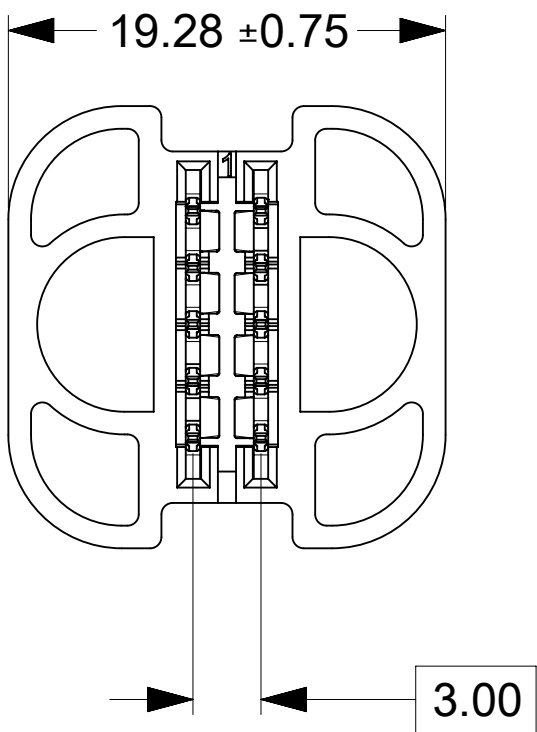


RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

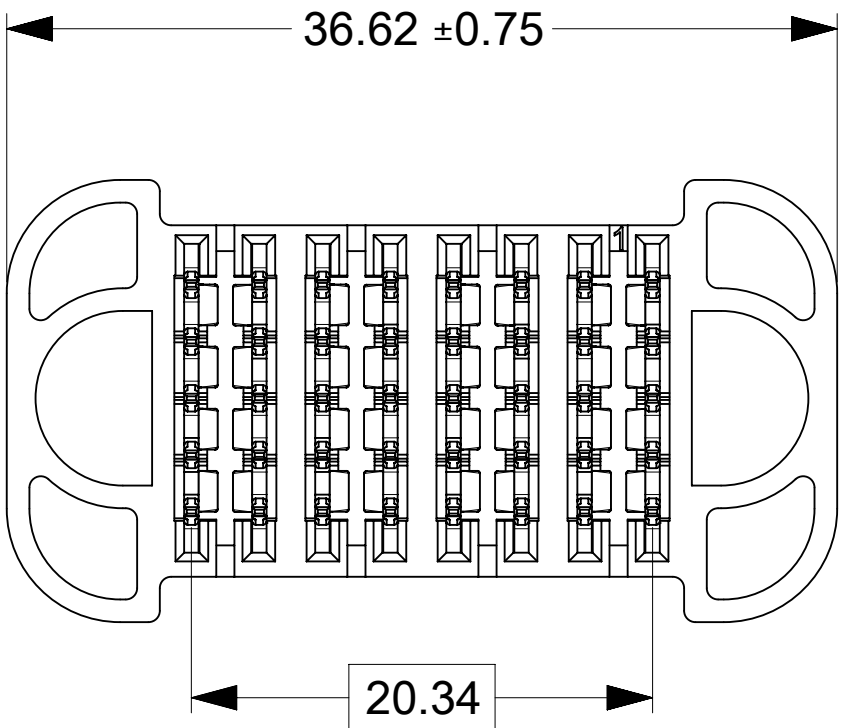
- NOTES:
1. MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH 2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND 0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
 2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141140001-PK.
 3. PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
 4. PRODUCT SPEC: 2141130000-PS.
 5. PRODUCT TO MEET RoHS REQUIREMENTS.
 6. VERTICAL ASSEMBLY MATES TO MOLEX PLUG 219562XXXX-SD, SEE DRAWING FOR DETAILS.
 7. TAIL DESIGN: COMPLIANT PIN.
 8. POWER TERMINALS ARE LUBRICATED.
 9. 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:									
mm		3:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex									
ANGULAR TOL ± °													
4 PLACES		±		GUARDIAN HD VREC POWER ONLY PF									
3 PLACES		±											
2 PLACES		± 0.25		PRODUCT CUSTOMER DRAWING									
1 PLACE		± 0.3											
0 PLACES		±		DOCUMENT NUMBER									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
 				D-SIZE		219563		SEE CHART				1 OF 2	
EC NO: 745288				DRWN: LZABJANOVSKI		2023/03/23		DOC TYPE		DOC PART		REVISION	
CHK'D: JAYK1				APPR: JAYK1		2023/04/10		2195639000-SD		PSD		000	
INITIAL REVISION:				DRWN: LZABJANOVSKI		2022/03/30		A2					
APPR: BPISZCZOR				2022/08/04									

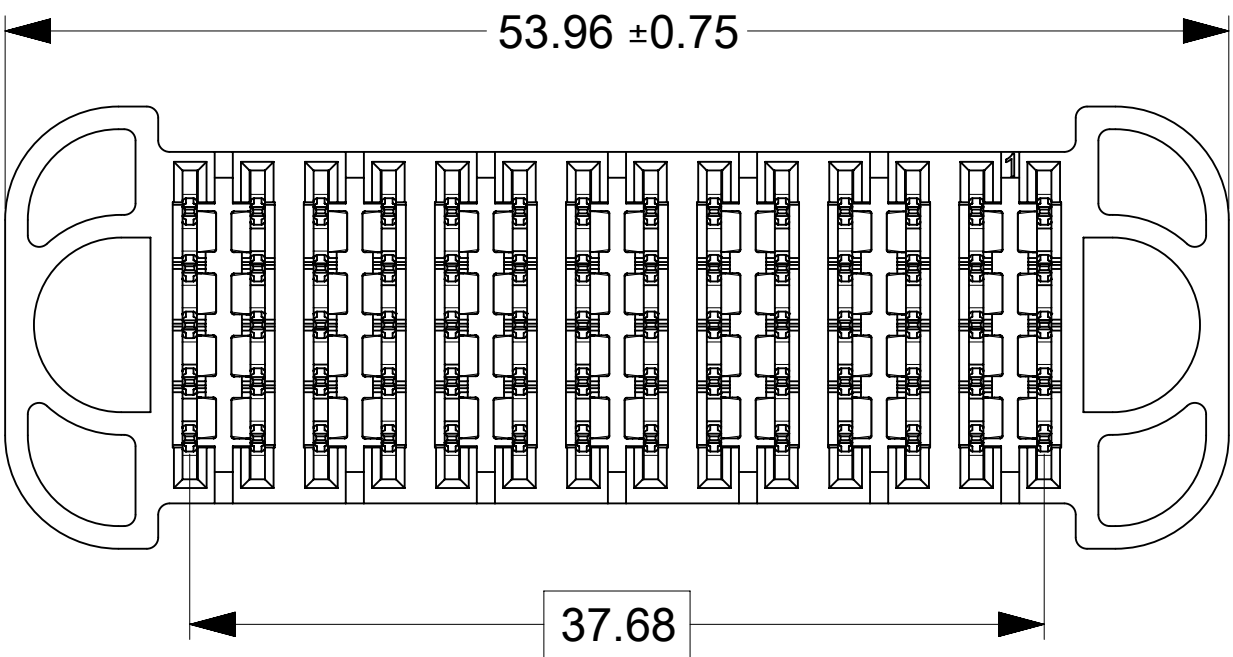
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0001	G+1P+G	280



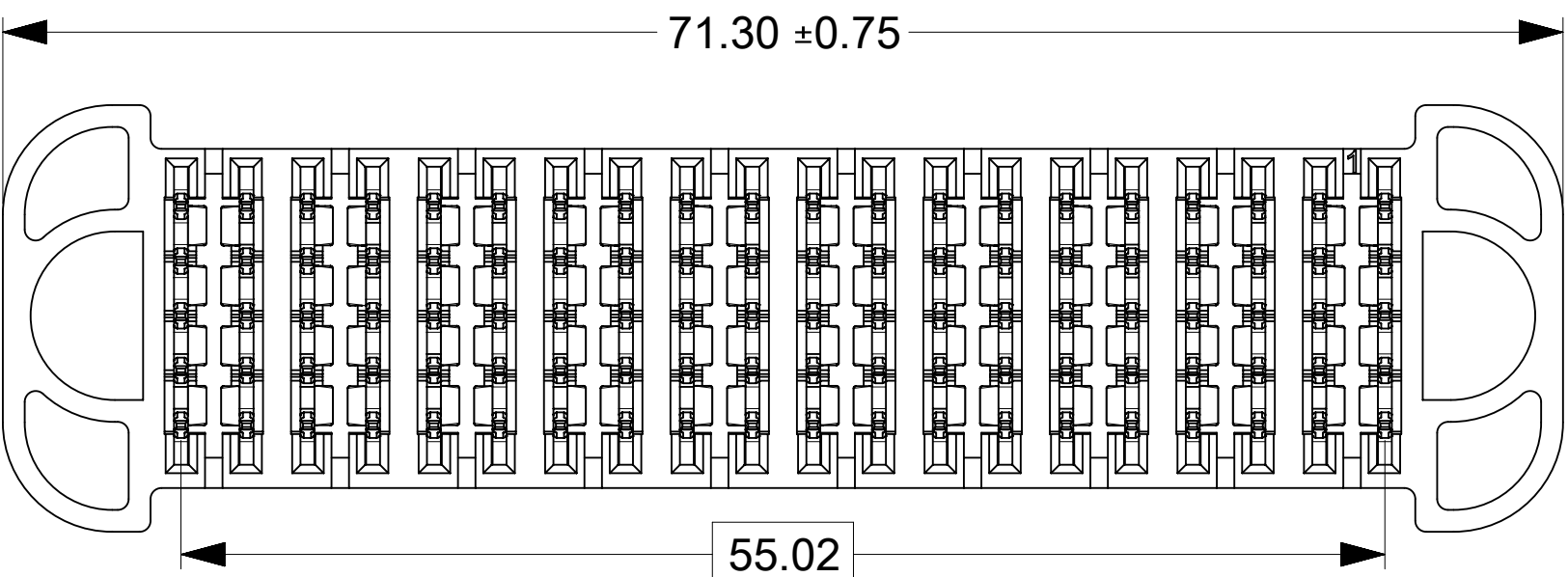
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219563-0004	G+4P+G	140



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0007	G+7P+G	100

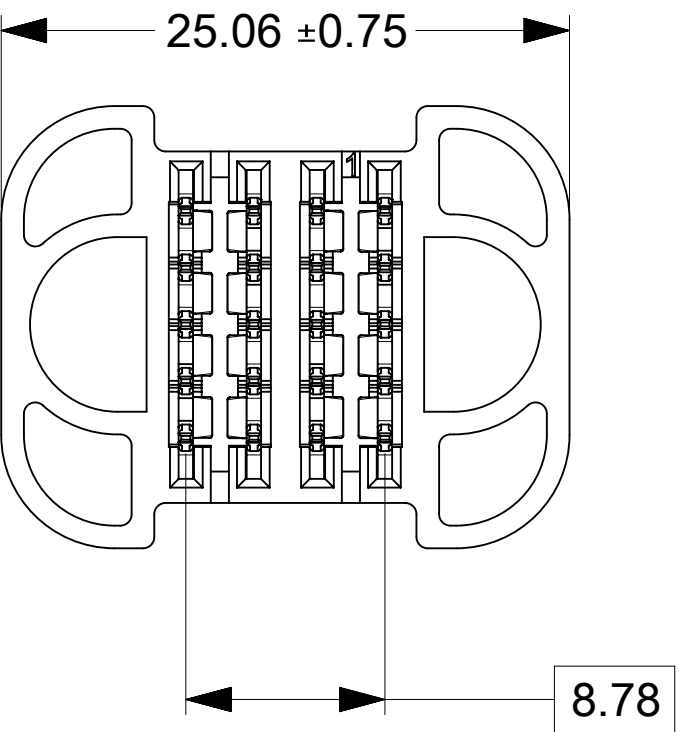


PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0010	G+10P+G	60

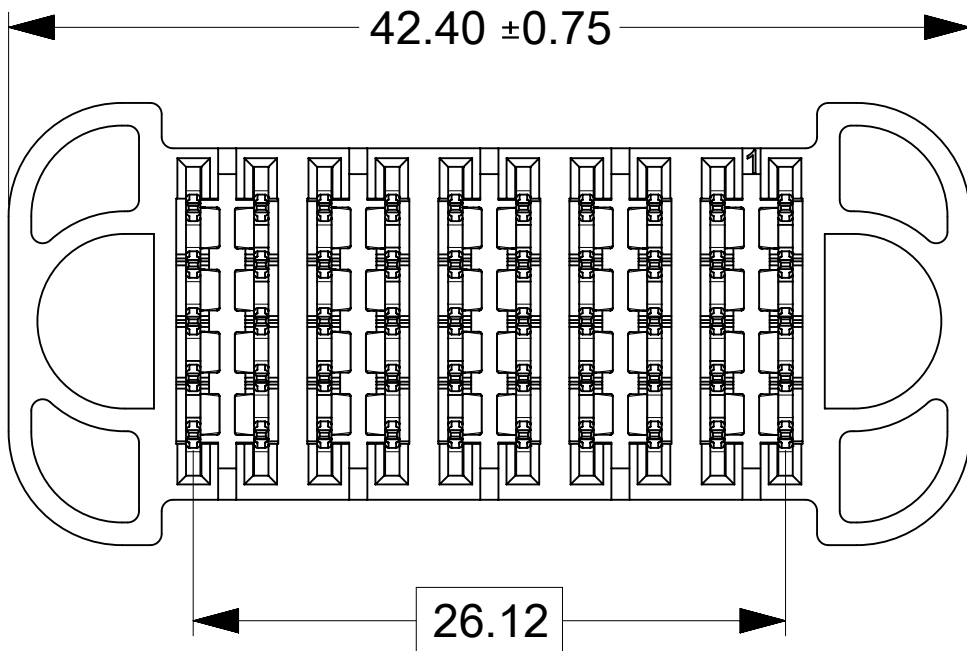


DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:05:26
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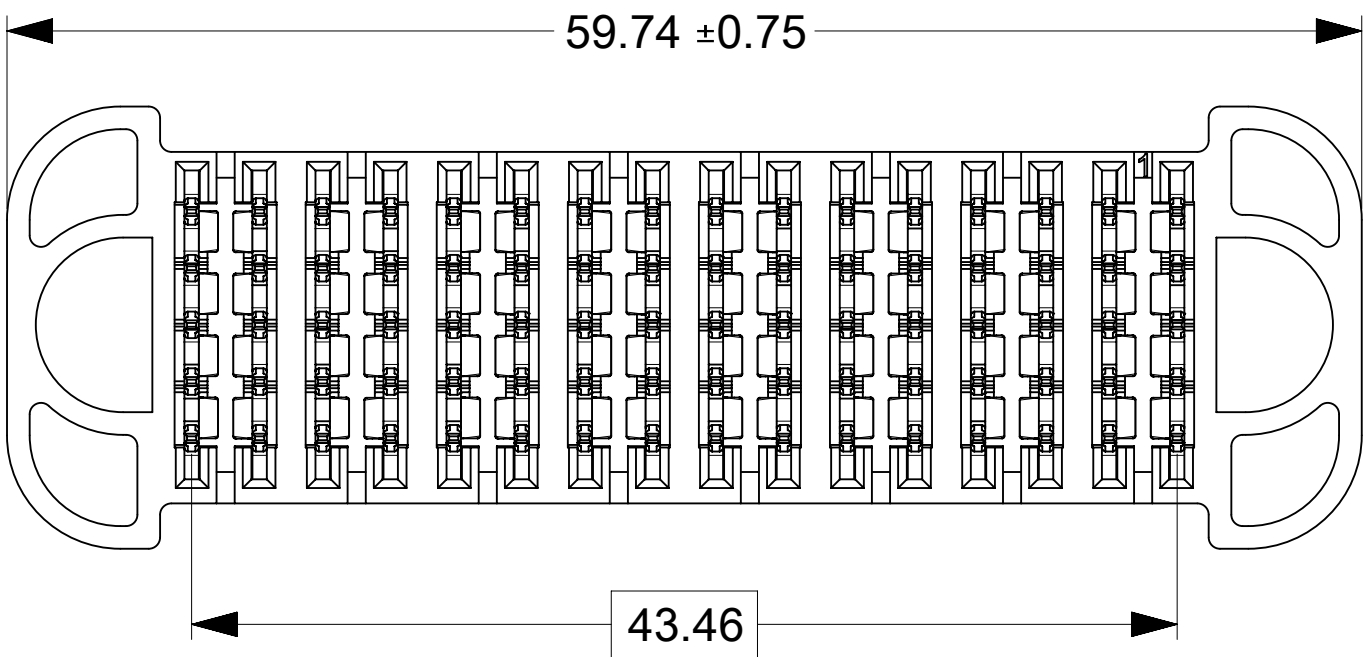
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219563-0002	G+2P+G	220



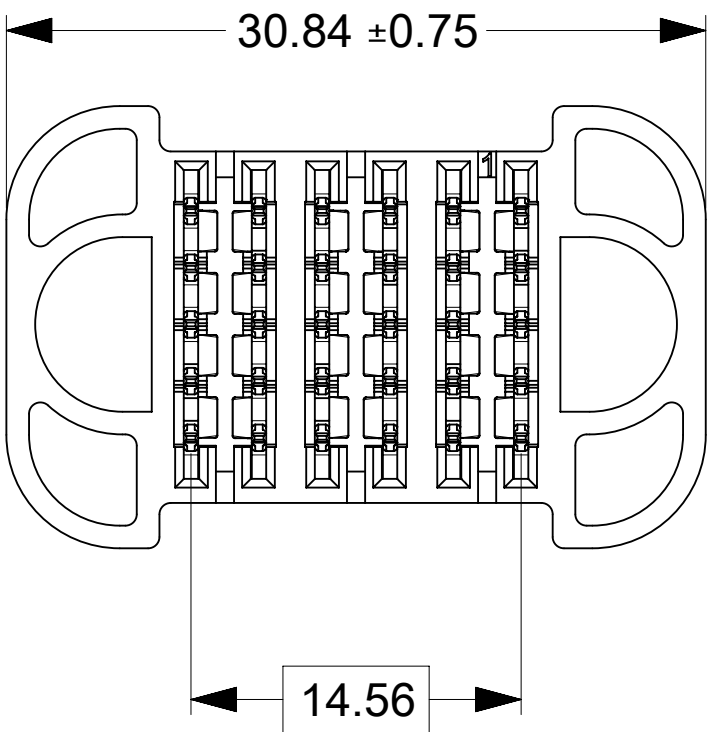
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0005	G+5P+G	120



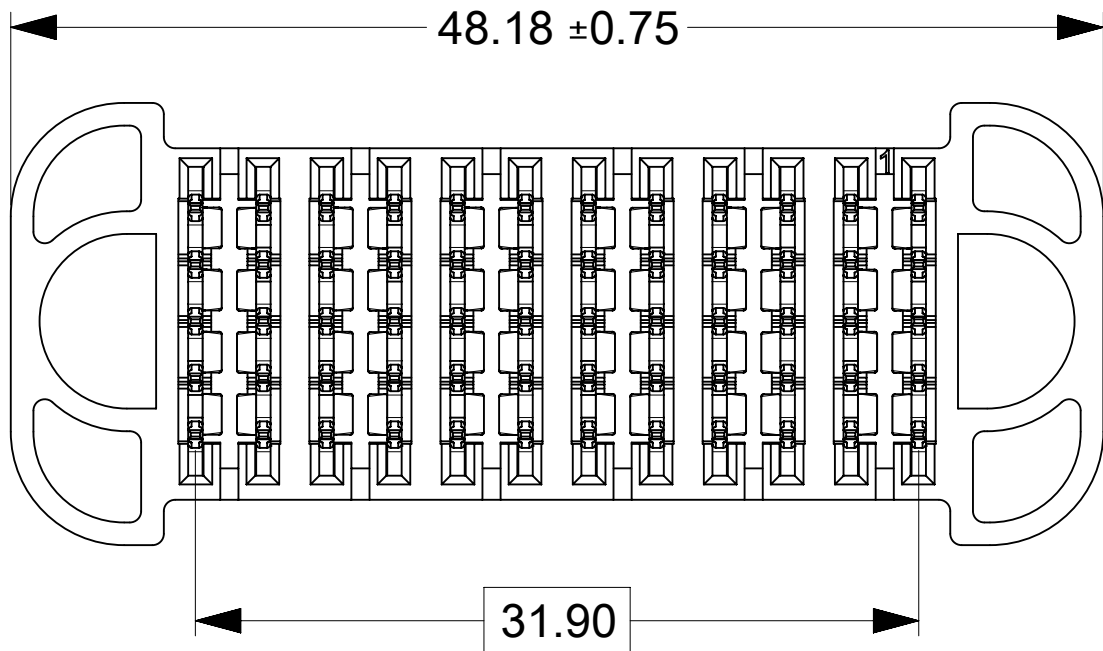
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0008	G+8P+G	80



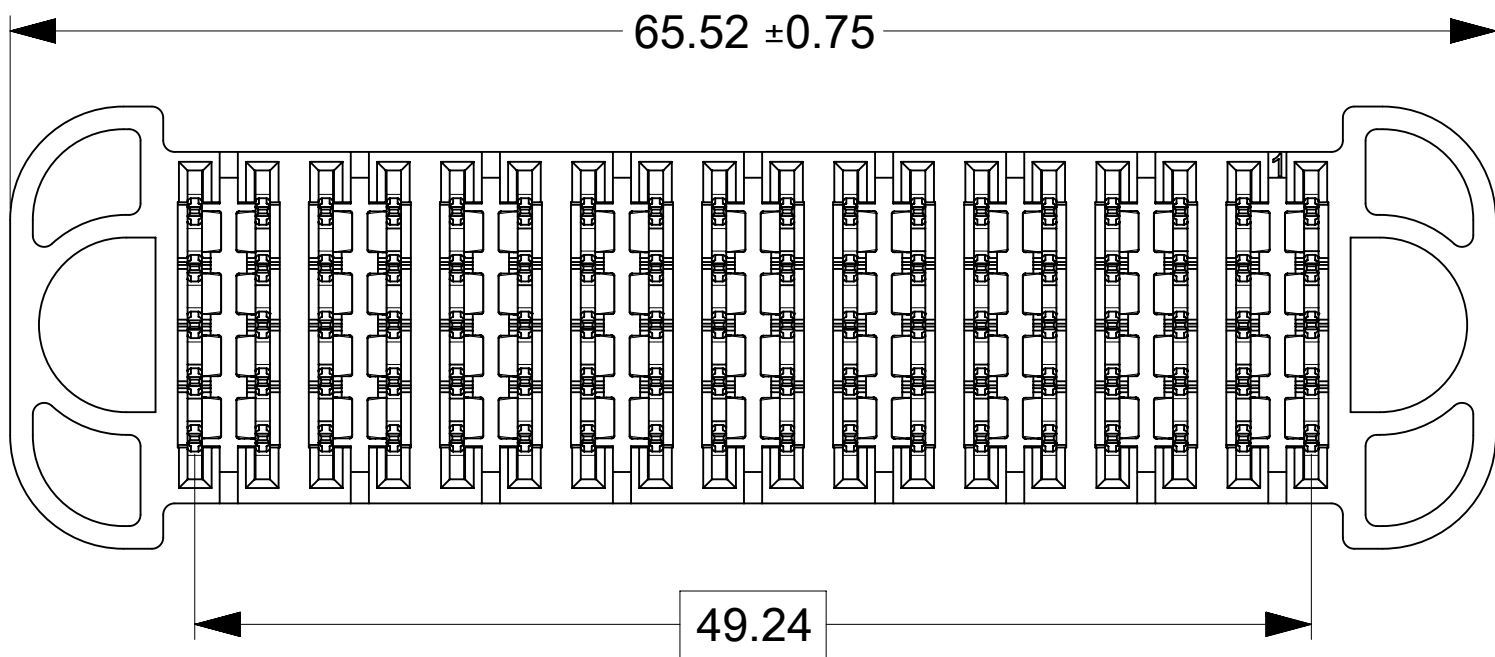
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0003	G+3P+G	180



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0006	G+6P+G	100



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0009	G+9P+G	80



* VIEWS SHOWN ON THIS SHEET
ARE FROM THE BOTTOM OF
THE CONNECTOR

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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
			D-SIZE

EC NO: 745288
DRWN: LZABJANOVSKI
CHK'D: JAYK1
APPR: JAYK1
INITIAL REVISION:
DRWN: LZABJANOVSKI
APPR: BPISZCZOR

2023/03/23
2023/04/10
2023/04/10
2022/03/30
2022/08/04

DOCUMENT NUMBER

2195639000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A2

MATERIAL NUMBER

SEE CHART

CUSTOMER

SHEET NUMBER

2 OF 2