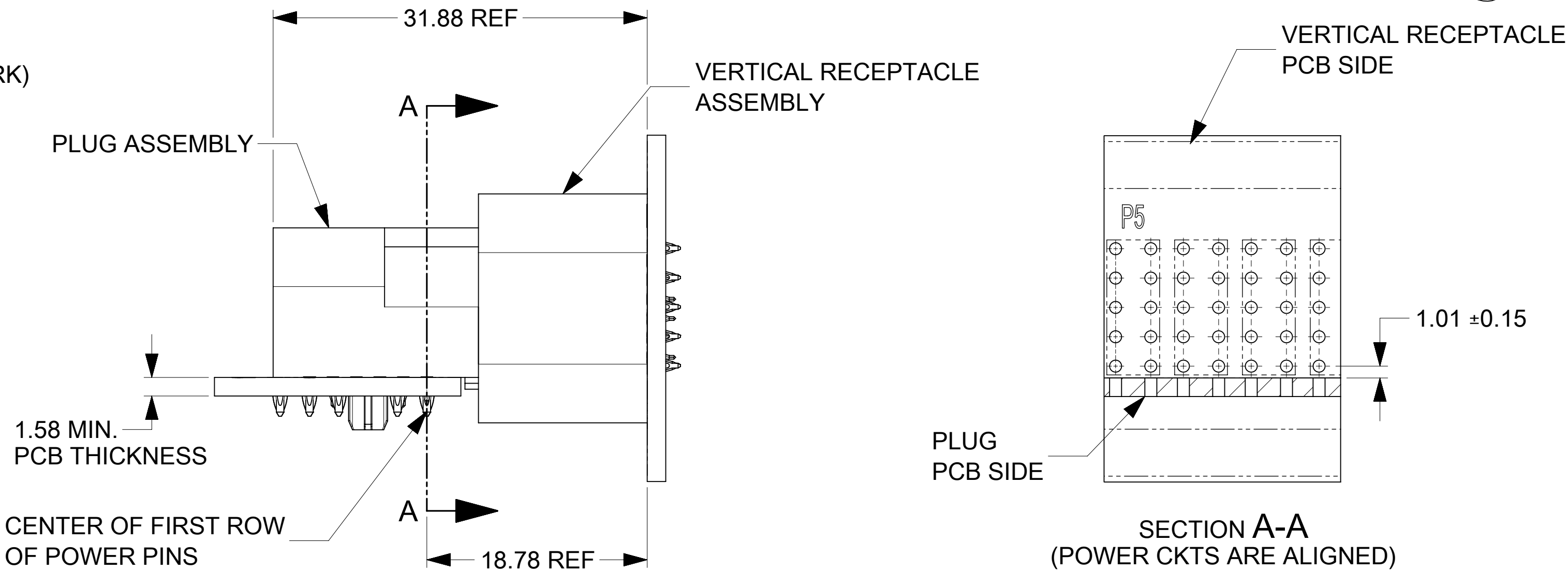
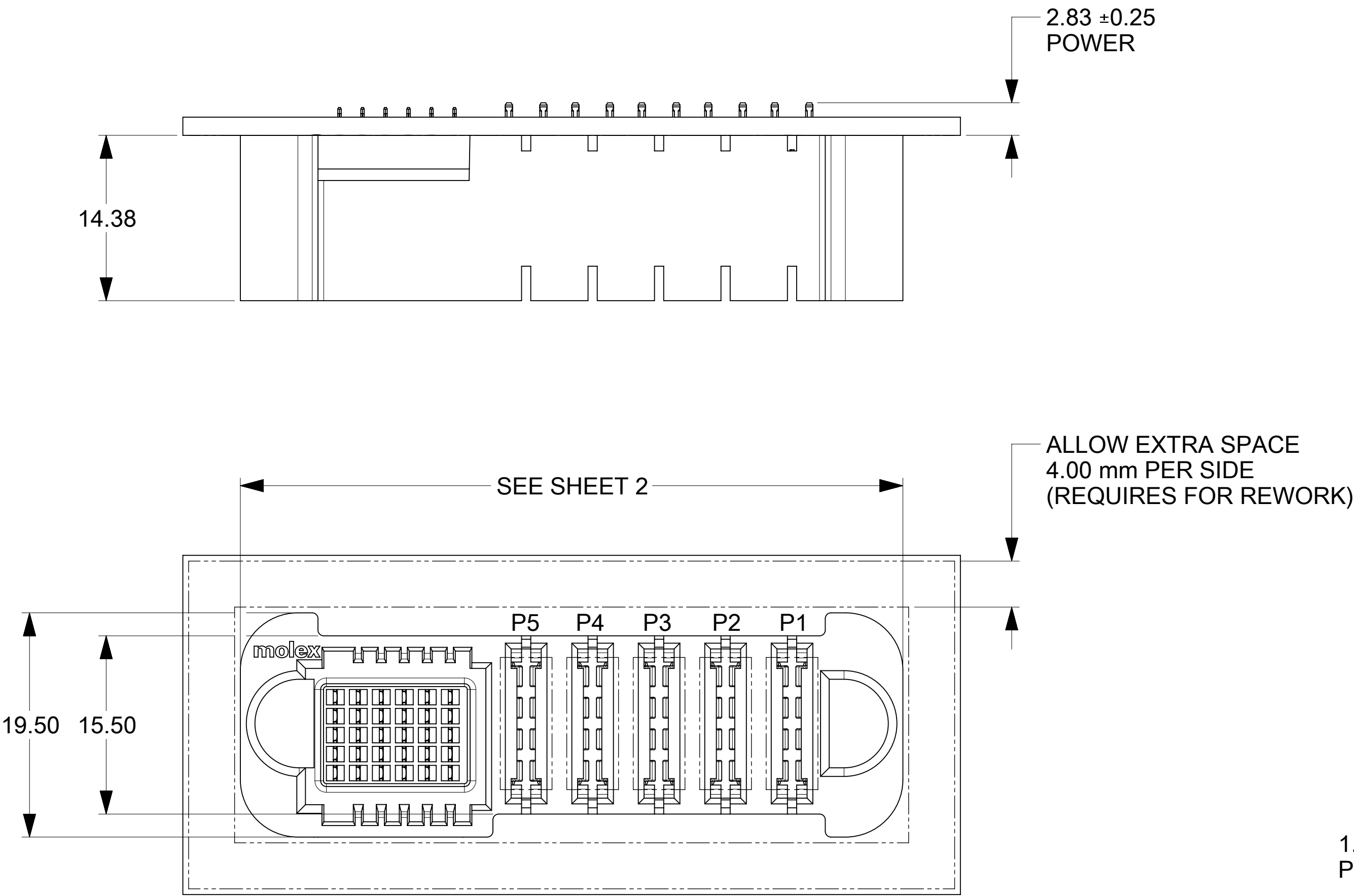
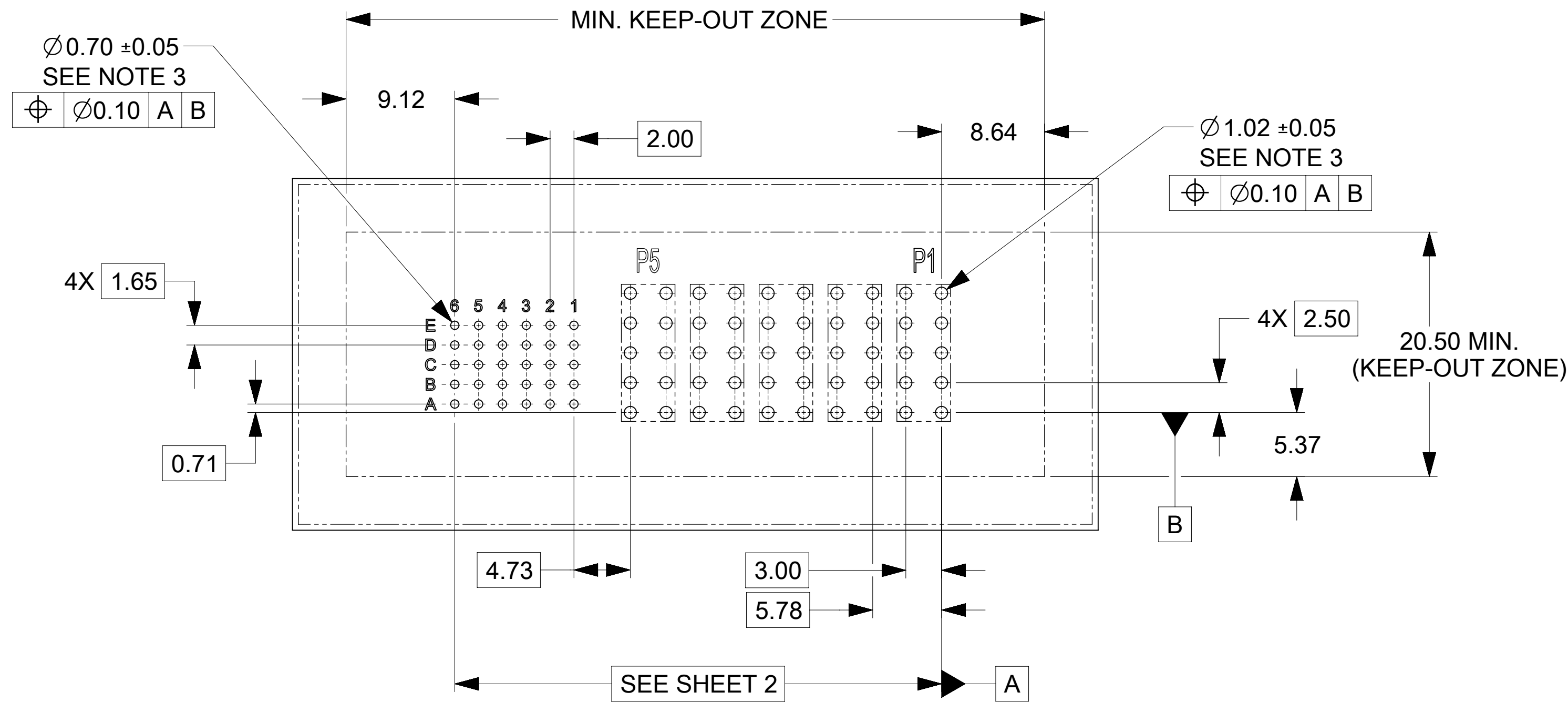




PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE



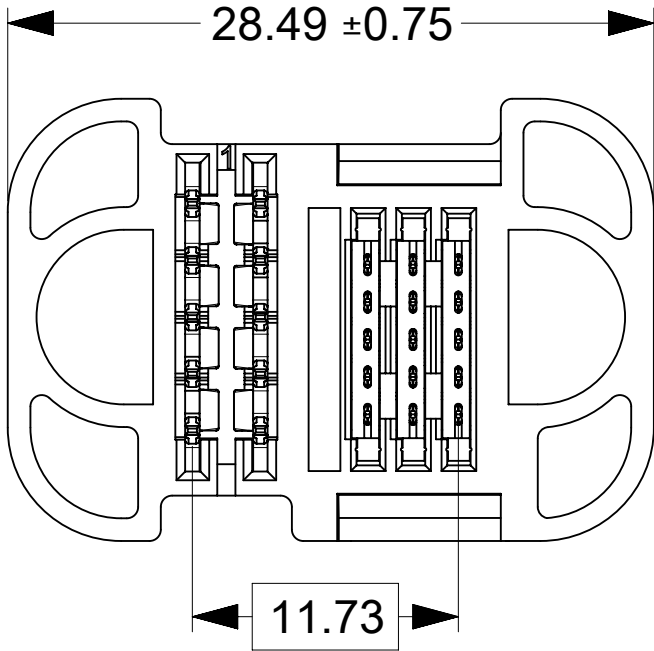
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

NOTES:

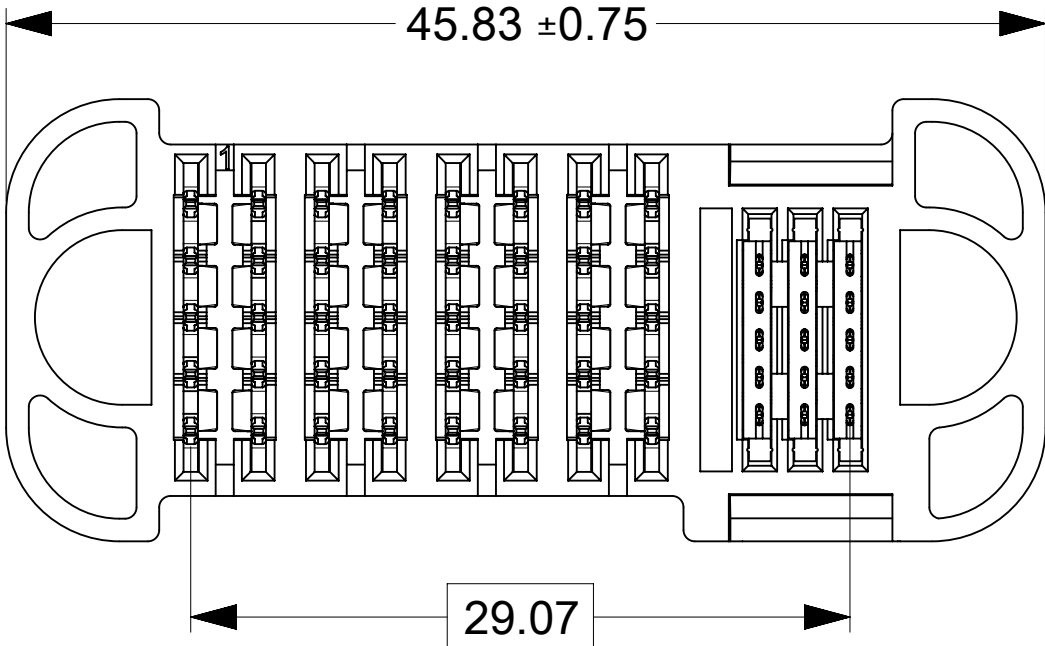
- MATERIAL:
 - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
 - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
 - PLATING: 1.27 µm (50 µin) NICKEL OVERALL WITH
2.54 µm (100 µin) SELECTIVE TIN ON TAILS AND
0.762 µm (30 µin) SELECTIVE GOLD ON CONTACT AREA
- PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141140001-PK.
- PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
- PRODUCT SPEC: 2141130000-PS.
- PRODUCT TO MEET RoHS REQUIREMENTS.
- VERTICAL ASSEMBLY MATES TO MOLEX PLUG 219562XXXX-SD, SEE DRAWING FOR DETAILS.
- TAIL DESIGN: COMPLIANT PIN.
- POWER TERMINALS 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 GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF									
mm	3:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		±	°	EC NO: 745288		PRODUCT CUSTOMER DRAWING									
4 PLACES	±			DRWN: LZABJANOVSKI		2023/03/23		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION				
3 PLACES	±			CHK'D: JAYK1		2023/04/10		2195639001-SD		PSD	000	A2			
2 PLACES	±	0.25		APPR: JAYK1		2023/04/10									
INITIAL REVISION:				DRWN: LZABJANOVSKI		2022/03/31									
1 PLACE	±	0.3		APPR: BPISZCZOR		2022/08/04									
0 PLACES	±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		219563						1 OF 2	

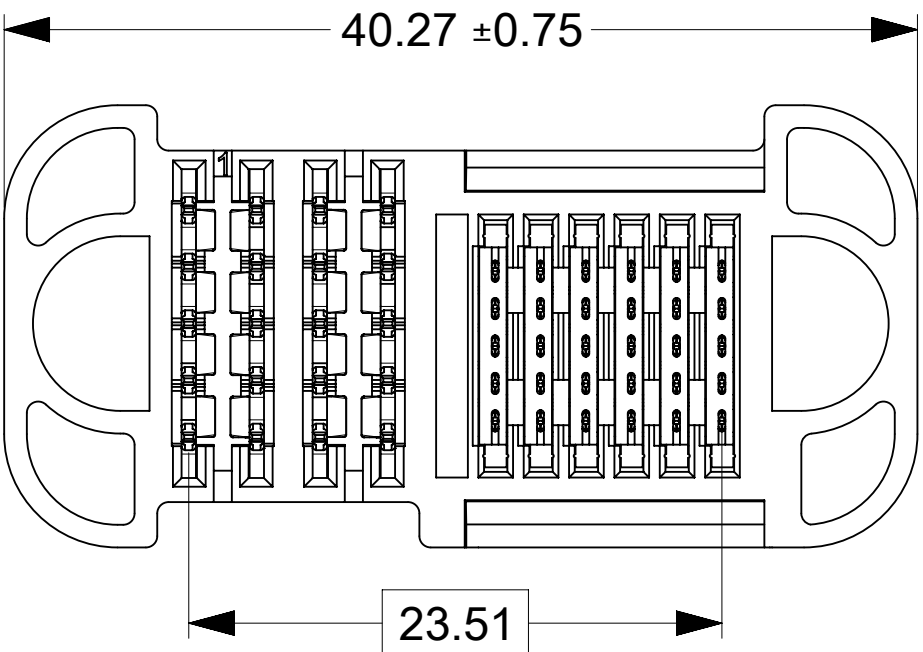
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



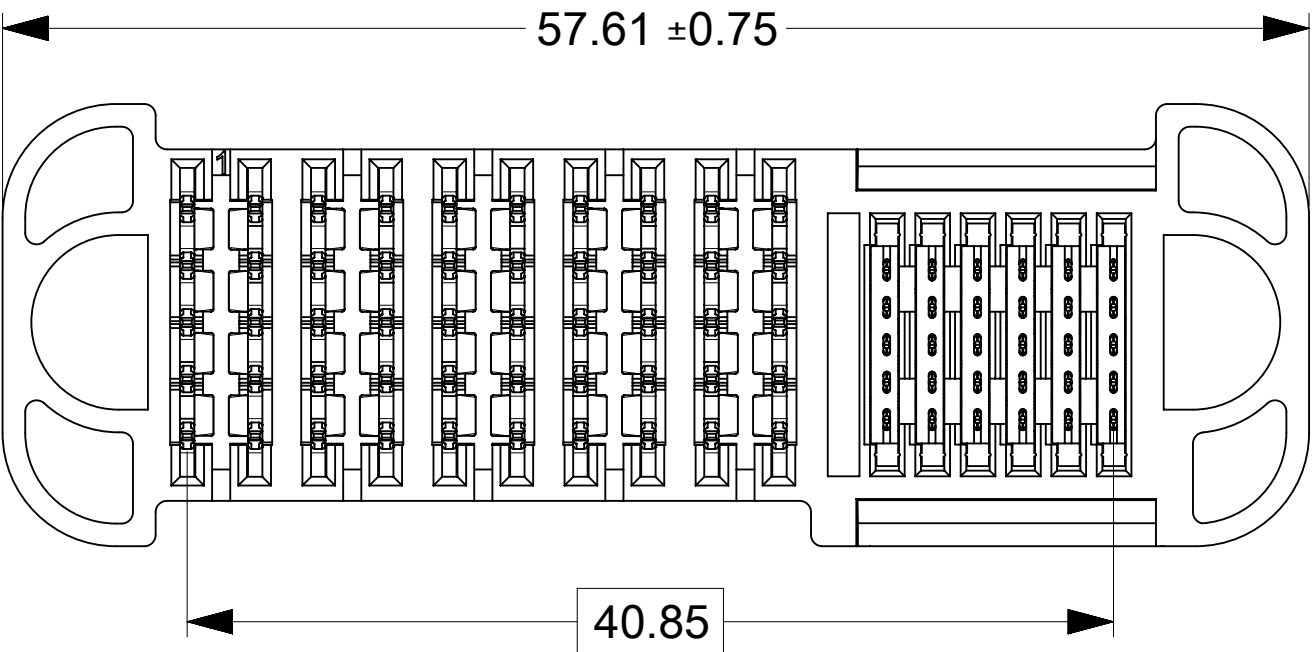
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120

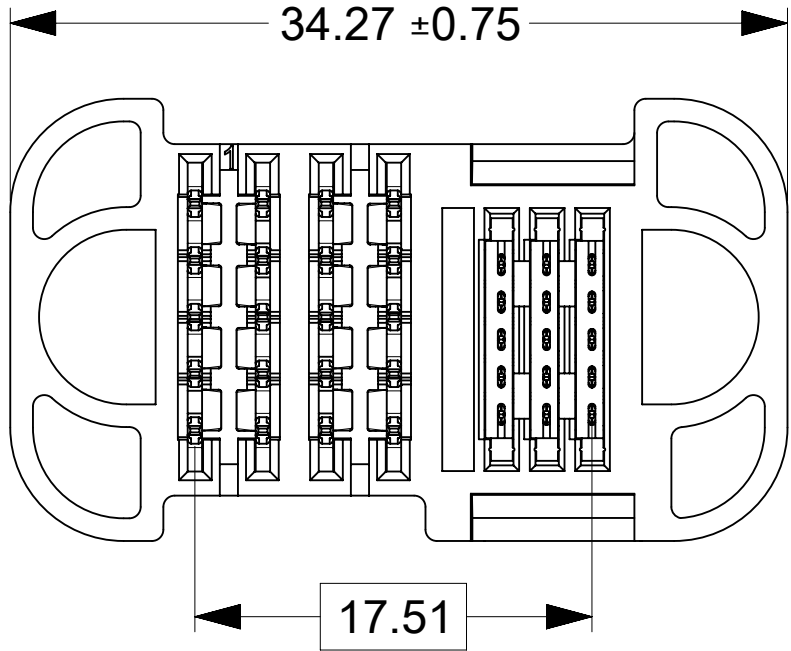


PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0020	G+5P+30S+G	80

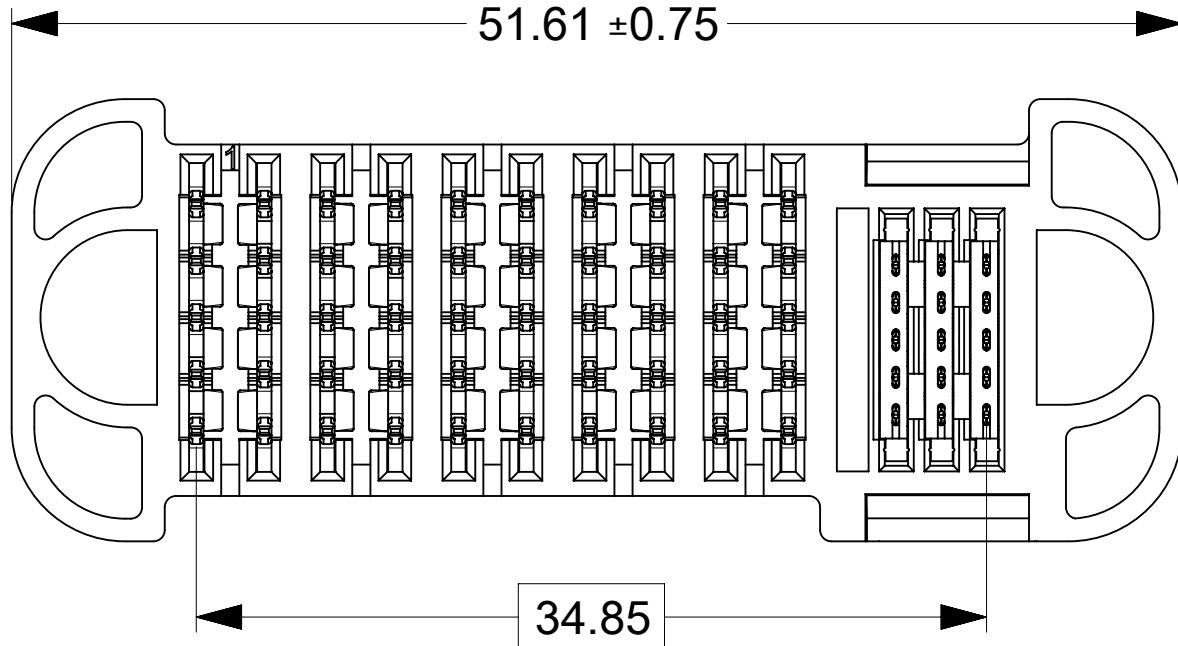


DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:05:26
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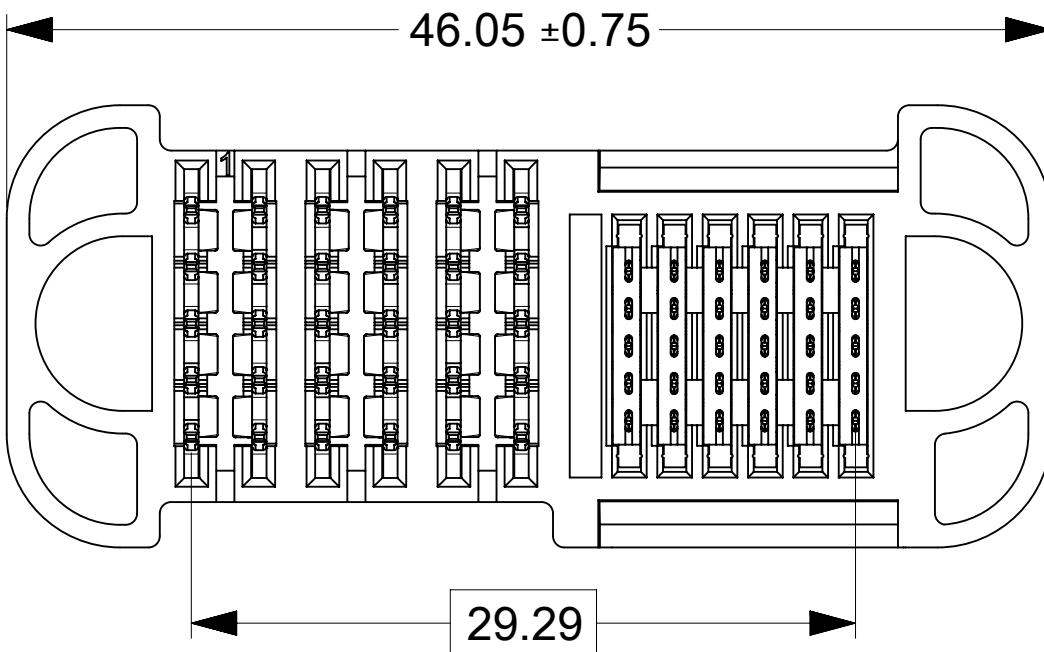
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219563-0012	G+2P+15S+G	160



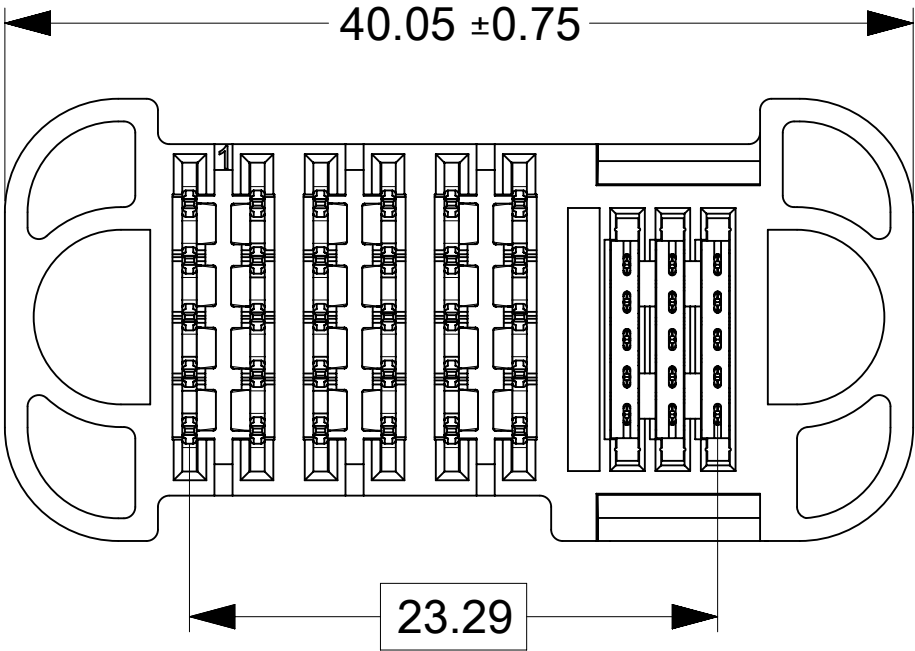
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



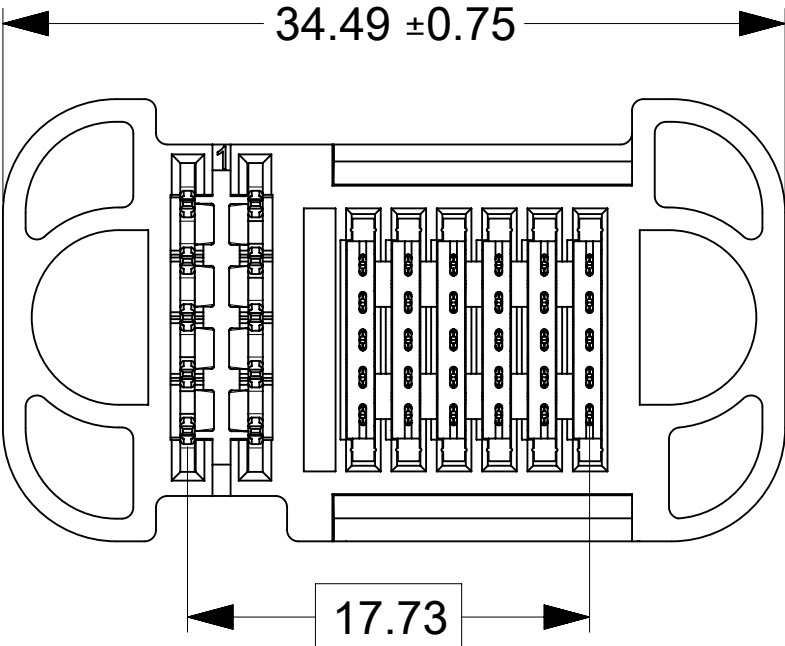
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



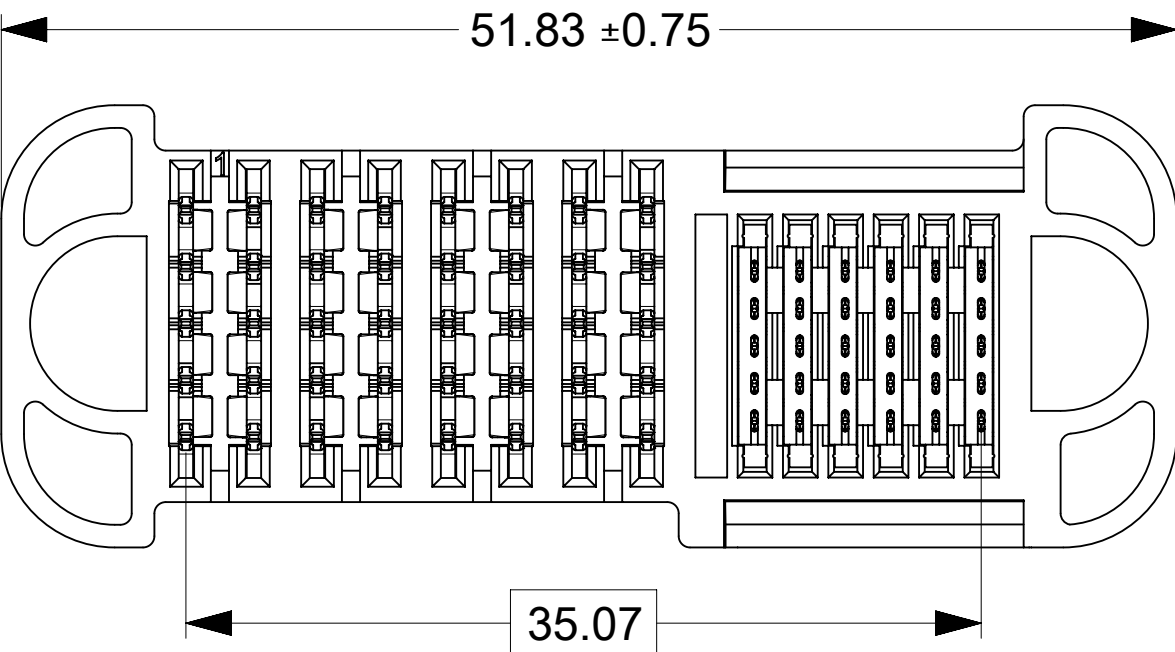
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0019	G+4P+30S+G	100



* 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
2022/03/31
2022/08/04

GUARDIAN HD VREC RIGHT SIGNAL
WITH POWER PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195639001-SD	PSD	000	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART		2 OF 2