

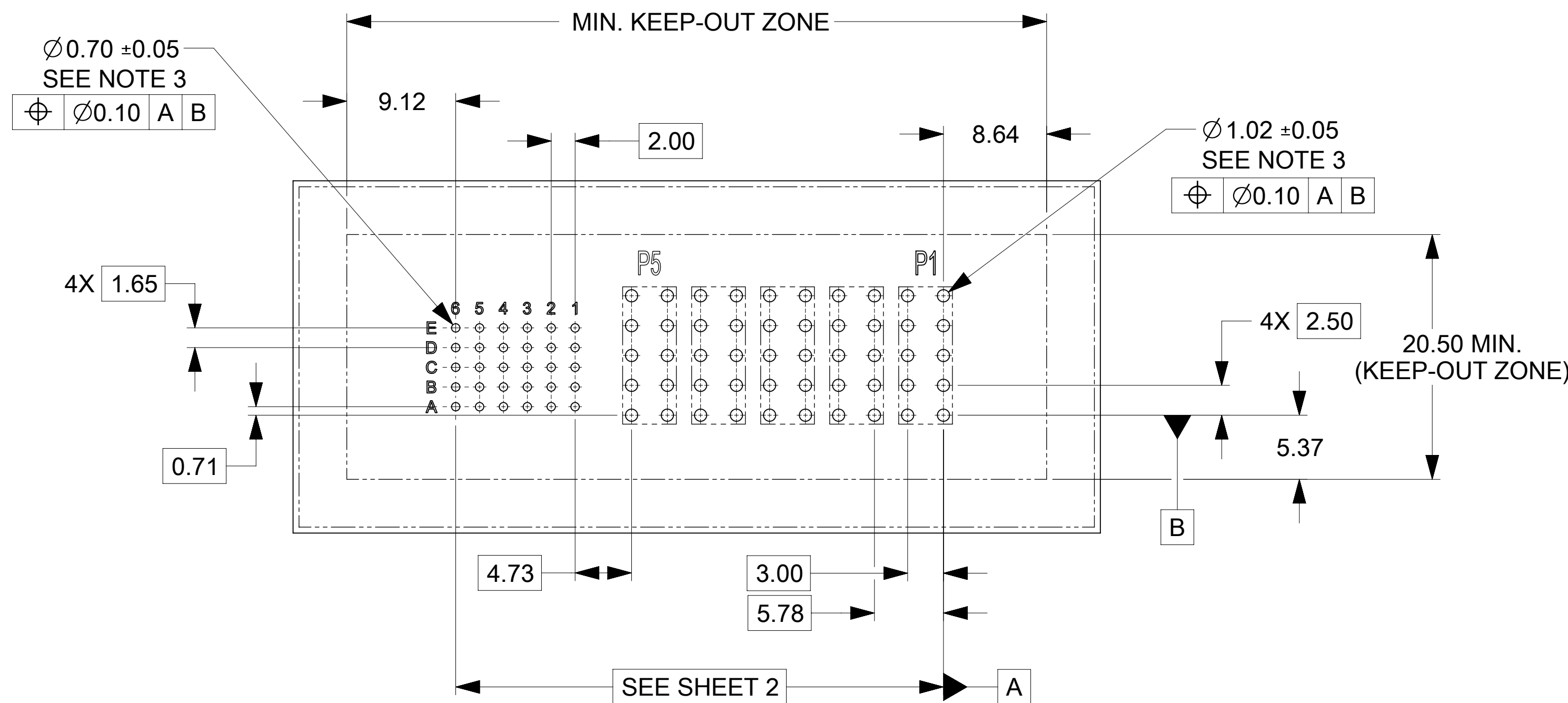
### PLUG MATED TO VERTICAL RECEPTACLE MATED PROFILE

#### NOTES:

- MATERIAL:
  - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
  - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
  - PLATING: 1.27  $\mu\text{m}$  (50  $\mu\text{in}$ ) NICKEL OVERALL WITH 2.54  $\mu\text{m}$  (100  $\mu\text{in}$ ) SELECTIVE TIN ON TAILS AND 0.762  $\mu\text{m}$  (30  $\mu\text{in}$ ) 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).

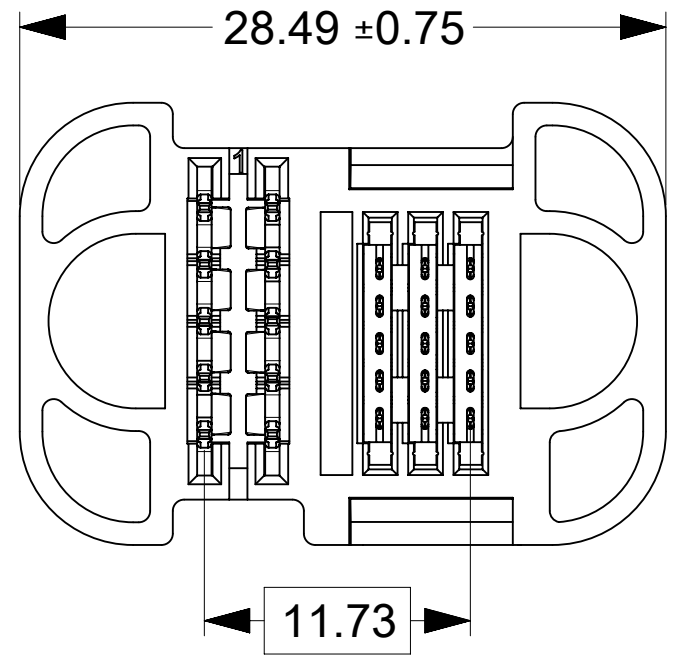
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC:	molex		
mm	3:1		GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF		
GENERAL TOLERANCES (UNLESS SPECIFIED)			PRODUCT CUSTOMER DRAWING		
ANGULAR TOL	± °	EC NO: 745288	DOCUMENT NUMBER	DOC TYPE	DOC PART
4 PLACES	±	DRWN: LZABJANOVSKI 2023/03/23	2195639001-SD	PSD	000
3 PLACES	±	CHK'D: JAYK1 2023/04/10			
2 PLACES	± 0.25	APPR: JAYK1 2023/04/10	REVISION		
1 PLACE	± 0.3	INITIAL REVISION:	1 OF 2		
0 PLACES	±	DRWN: LZABJANOVSKI 2022/03/31			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
D		D-SIZE	219563		

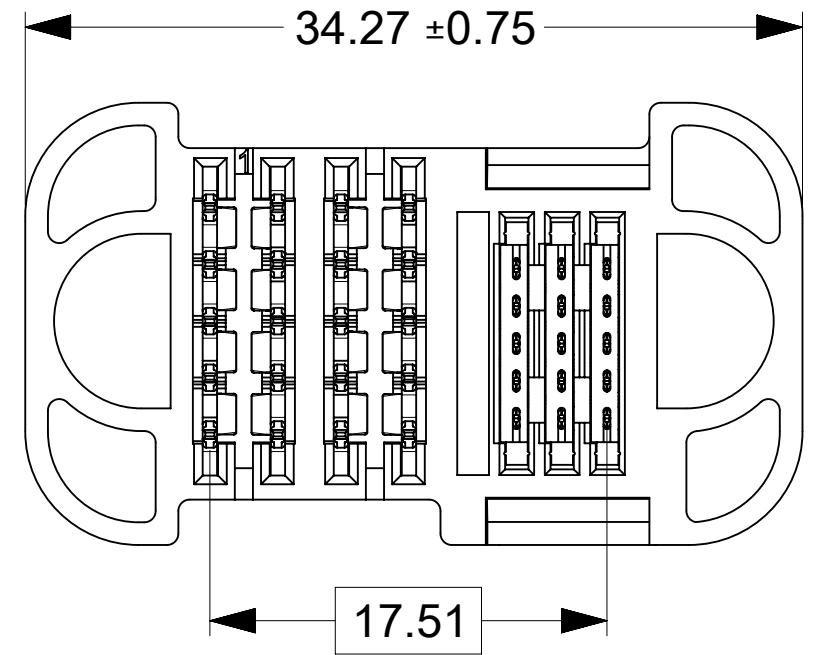


### RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

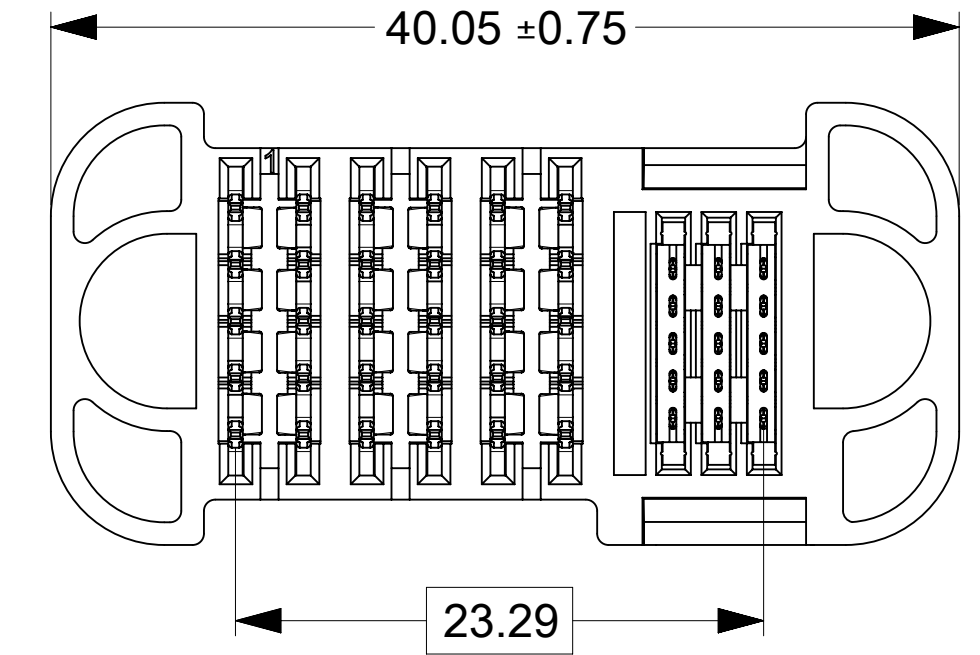
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0011	G+1P+15S+G	180



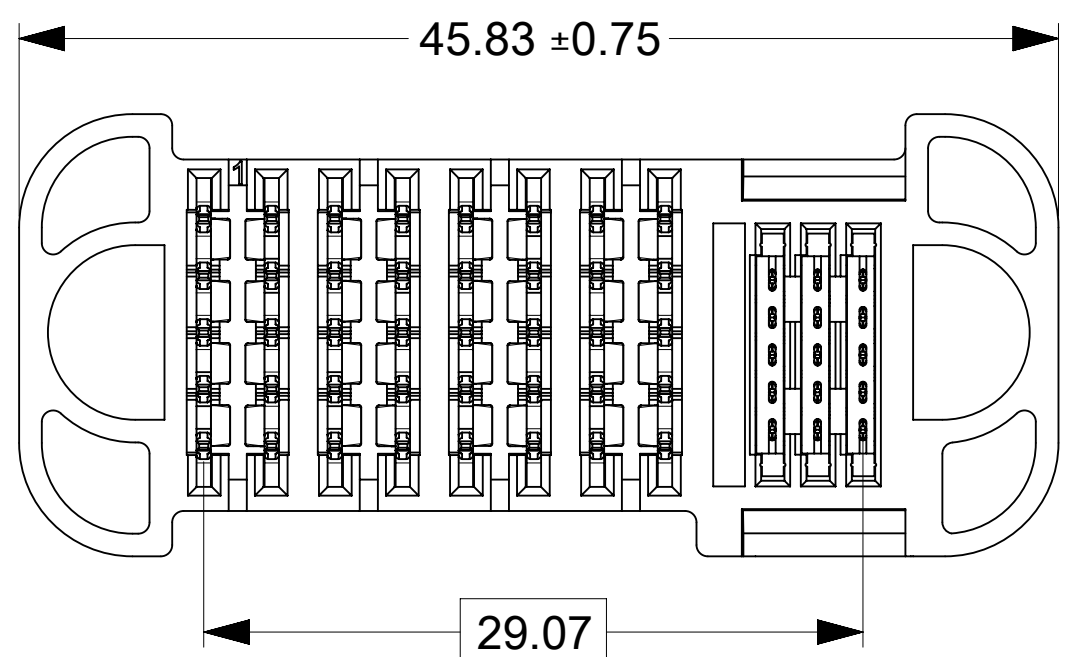
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0012	G+2P+15S+G	160



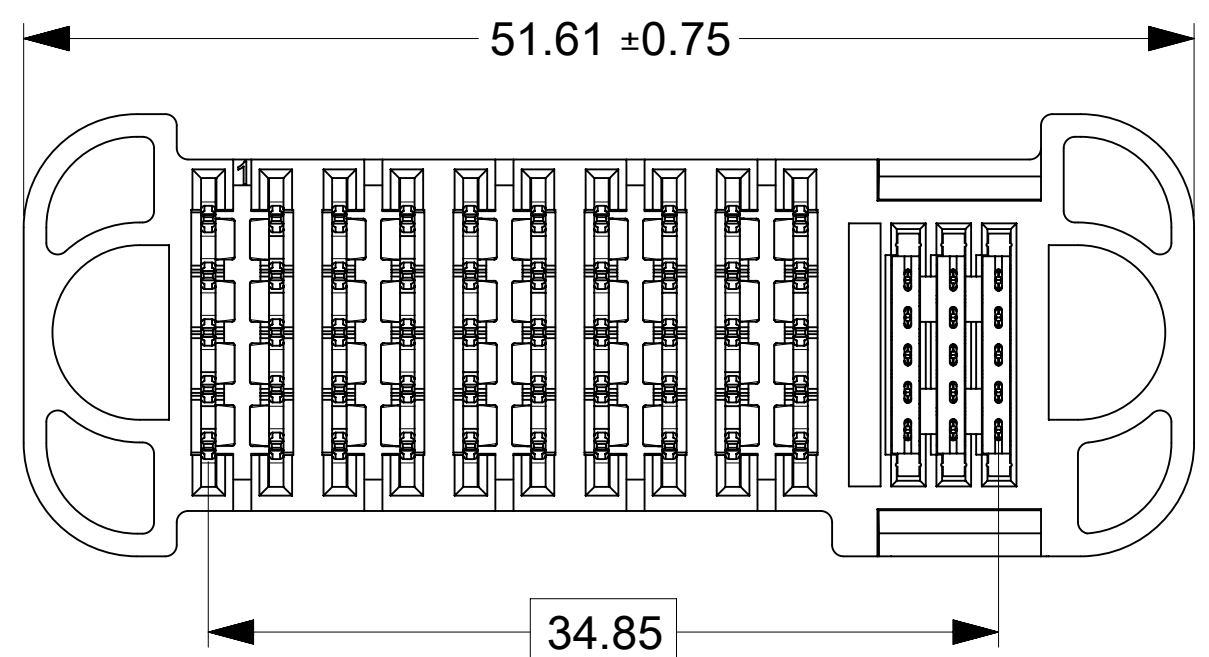
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0013	G+3P+15S+G	140



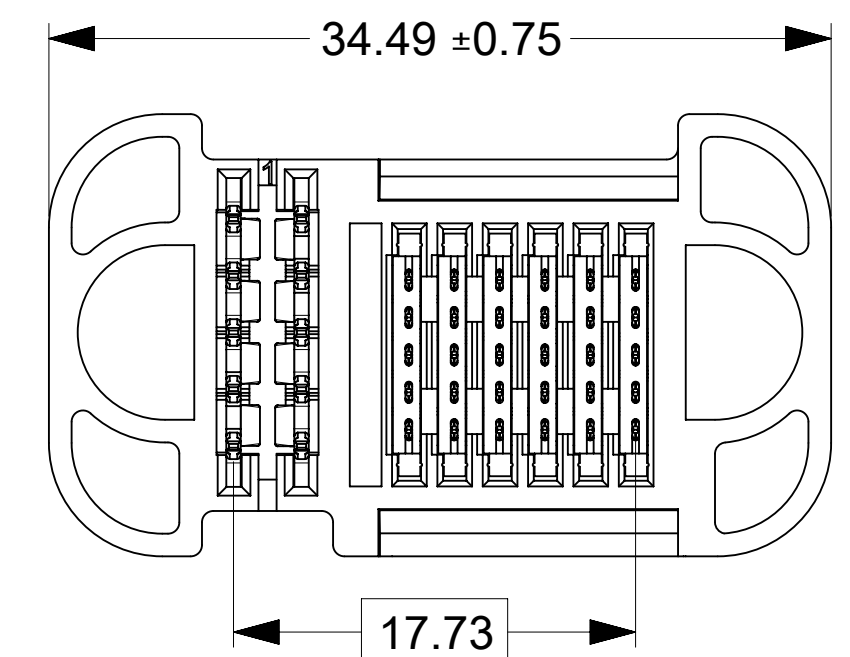
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0014	G+4P+15S+G	120



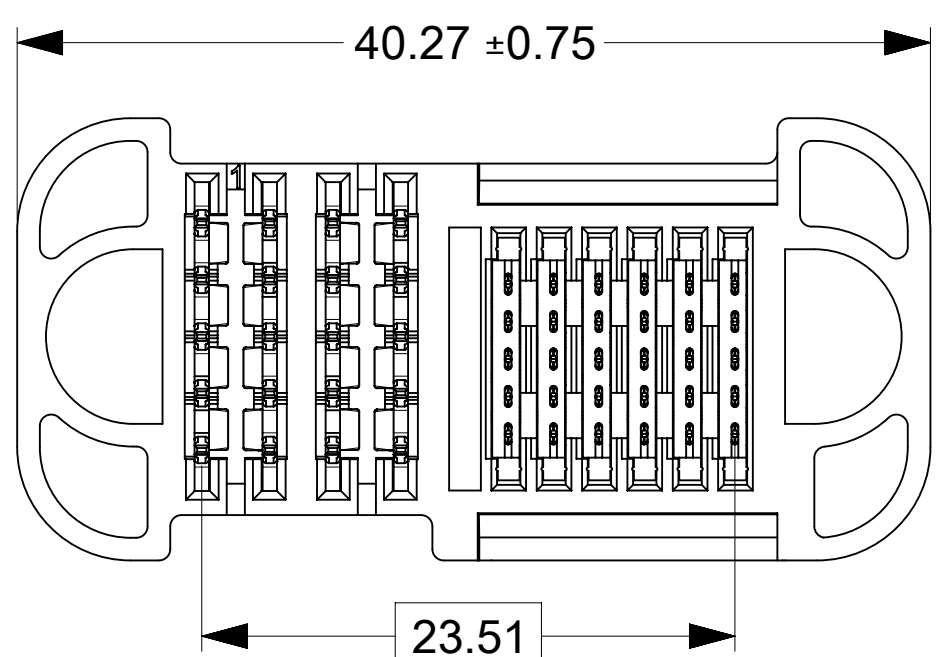
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0015	G+5P+15S+G	100



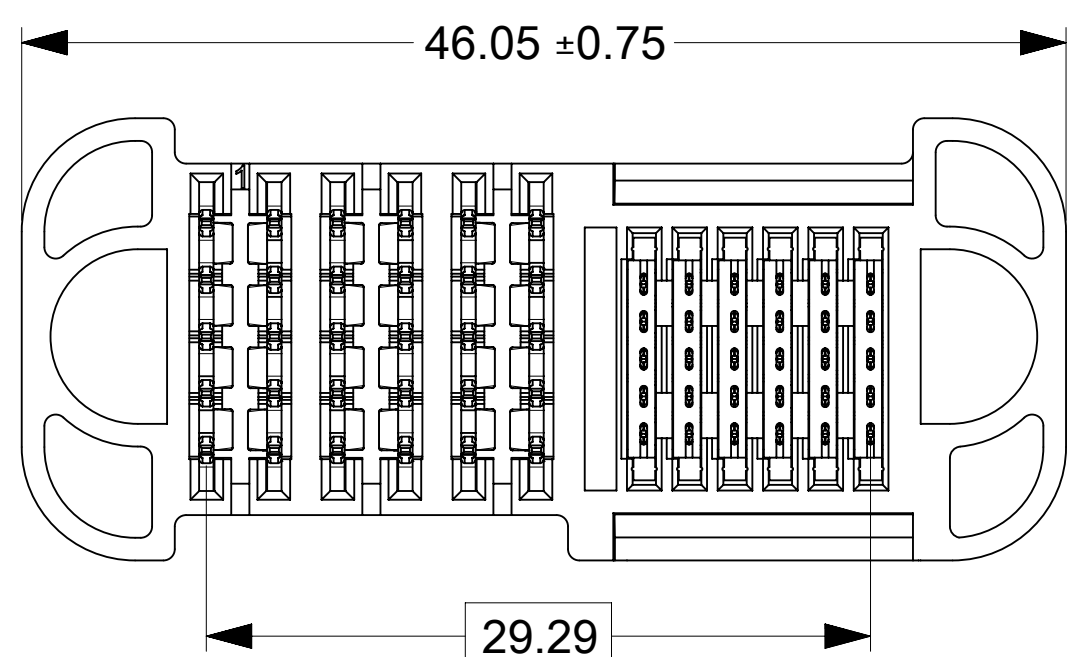
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0016	G+1P+30S+G	160



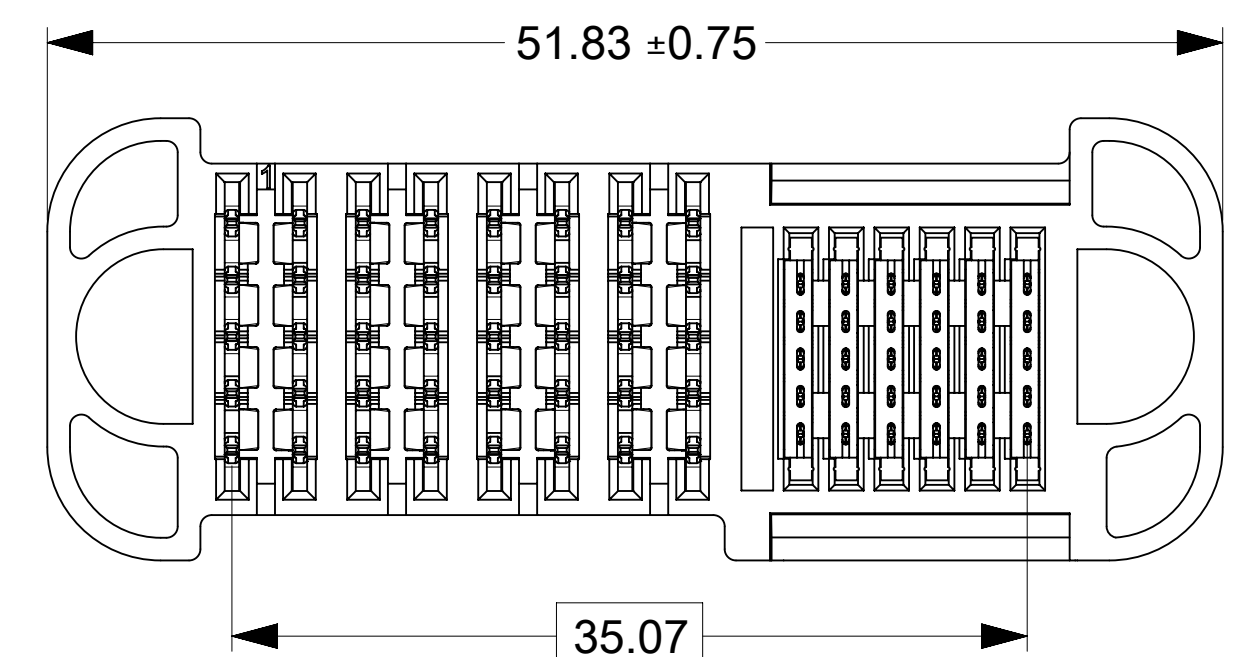
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0017	G+2P+30S+G	120



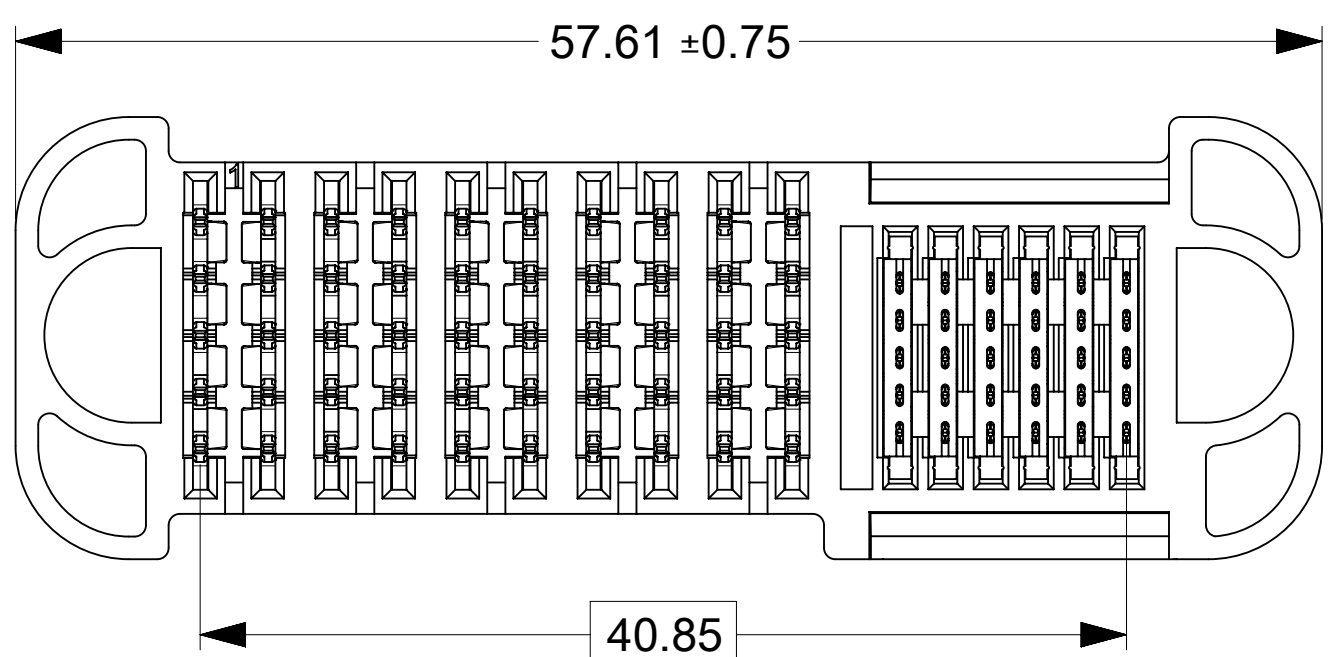
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219563-0018	G+3P+30S+G	120



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



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



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

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0 PLACES		±		INITIAL REVISION:															
				DRWN: LZABJANOVSKI				2022/03/31											
				APPR: BPISZCZOR				2022/08/04											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			CUSTOMER							
					D-SIZE		219563		SEE CHART										
DOCUMENT STATUS				P1				RELEASE DATE				2023/04/11 17:05:26							
												<b>GUARDIAN HD VREC RIGHT SIGNAL WITH POWER PF</b>							
						<b>PRODUCT CUSTOMER DRAWING</b>													
				DOCUMENT NUMBER				DOC TYPE				DOC PART				REVISION			
				2195639001-SD				PSD				000 A2							
				MATERIAL NUMBER				CUSTOMER				SHEET NUMBER							
				SEE CHART								2 OF 2							