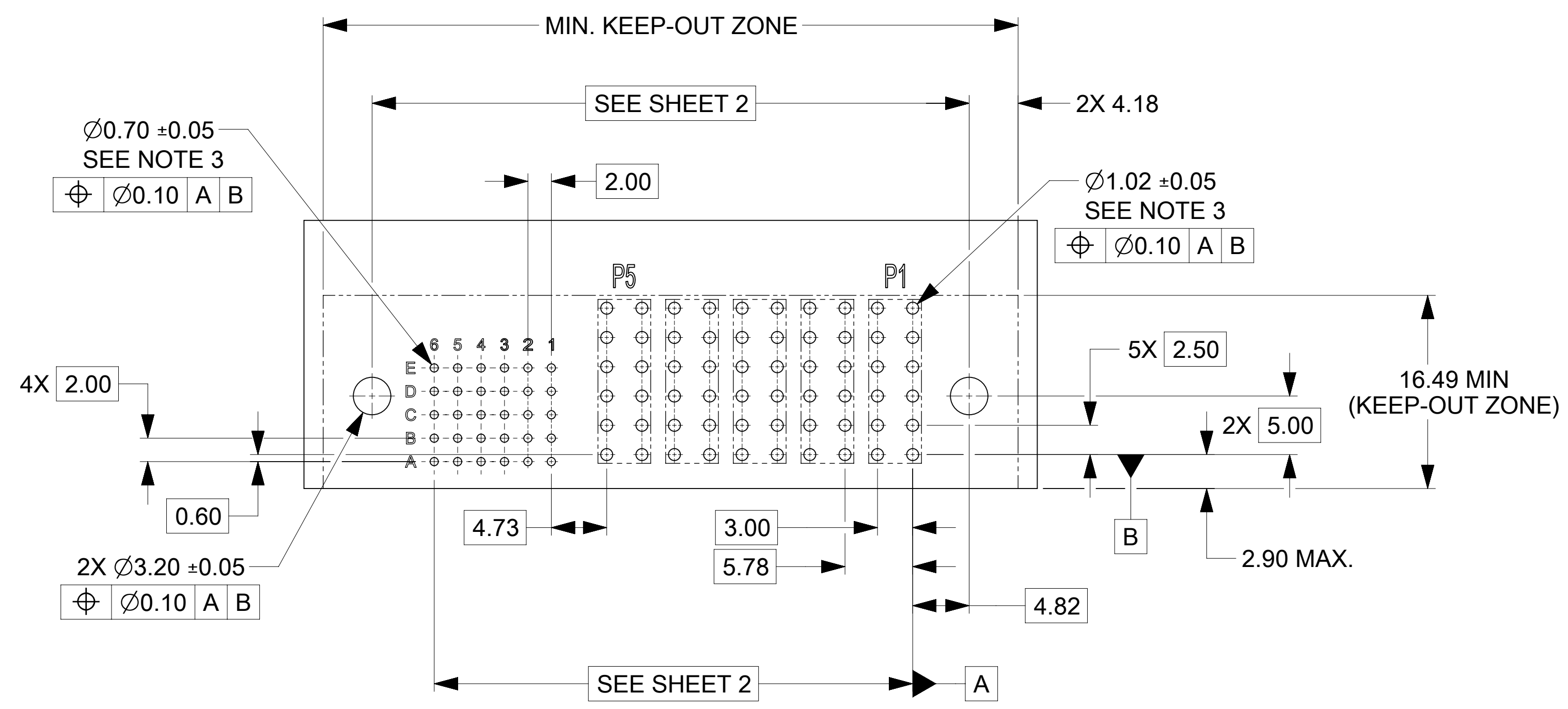


**PLUG MATED TO R/A RECEPTACLE
MATED PROFILE**



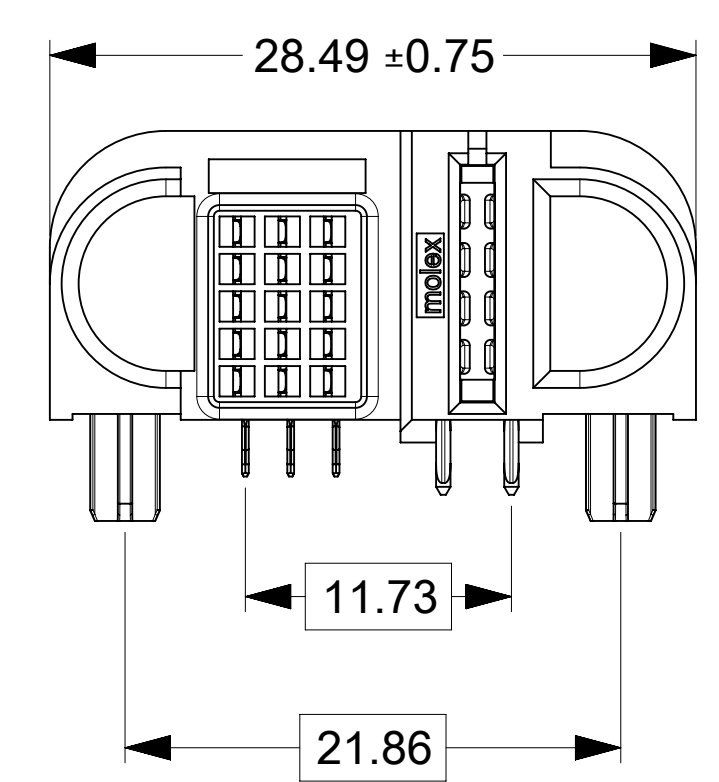
NOTES:

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: 2141150010-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).

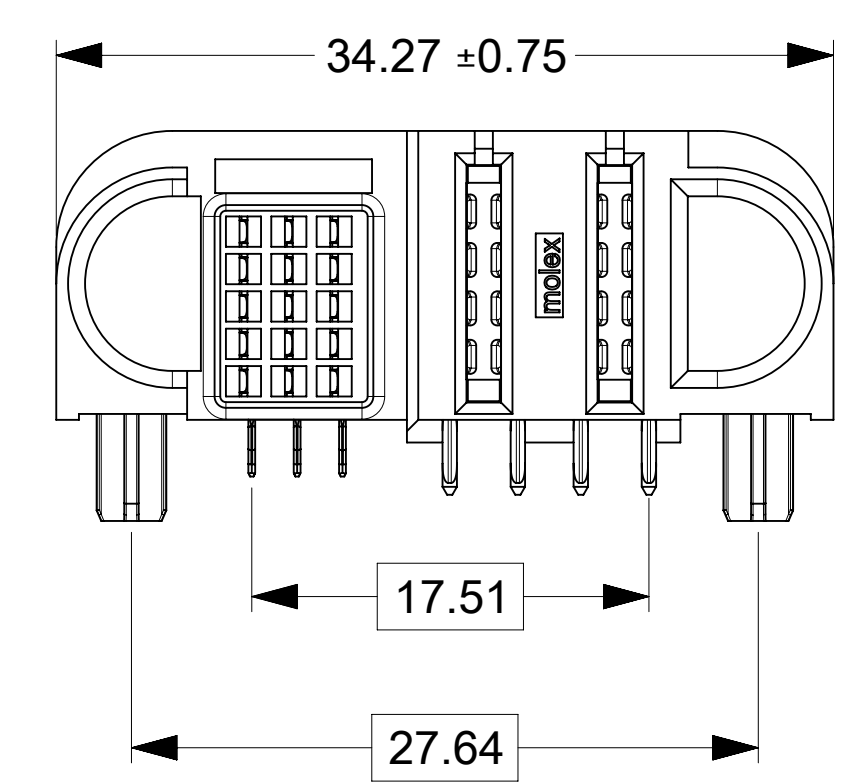
RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE

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:							
mm		3:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± °									
4 PLACES		±		EC NO: 745288							
3 PLACES		±		DRWN: LZABJANOVSKI 2023/03/24							
2 PLACES		± 0.25		CHK'D: JAYK1 2023/04/10							
1 PLACE		± 0.3		APPR: JAYK1 2023/04/10							
0 PLACES		±		INITIAL REVISION:							
				DRWN: LZABJANOVSKI 2022/04/01							
				APPR: BPISZCZOR 2022/08/04							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						D-SIZE		219564		SEE CHART	
										CUSTOMER	
										SHEET NUMBER	
										1 OF 2	

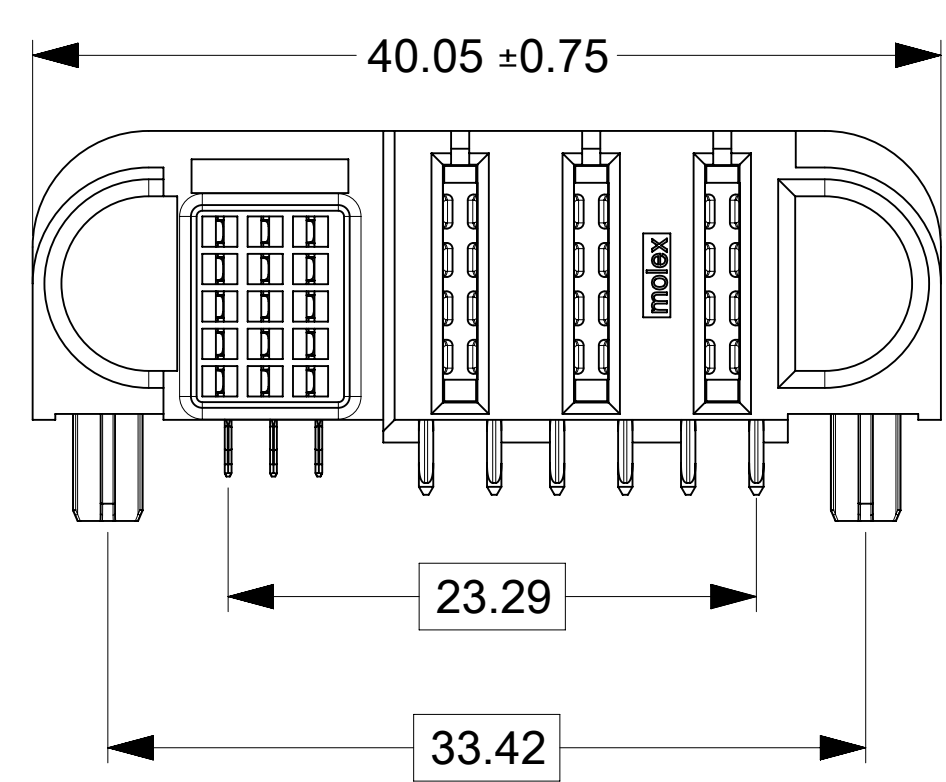
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0011	G+1P+15S+G	135



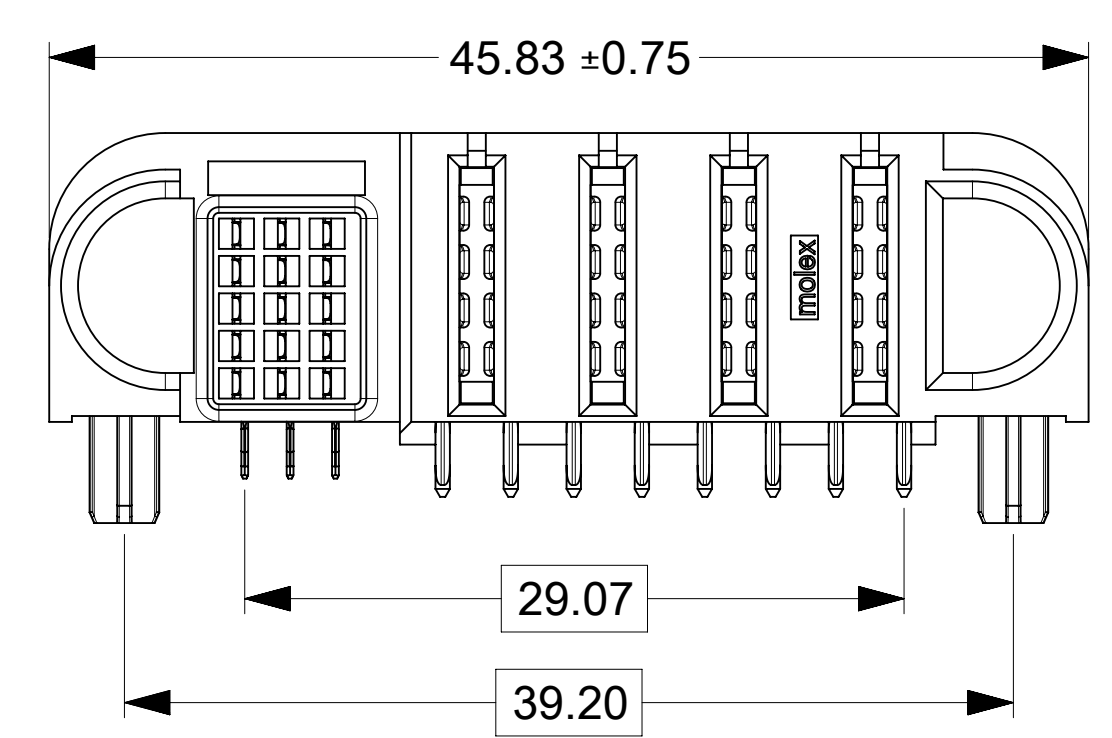
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0012	G+2P+15S+G	105



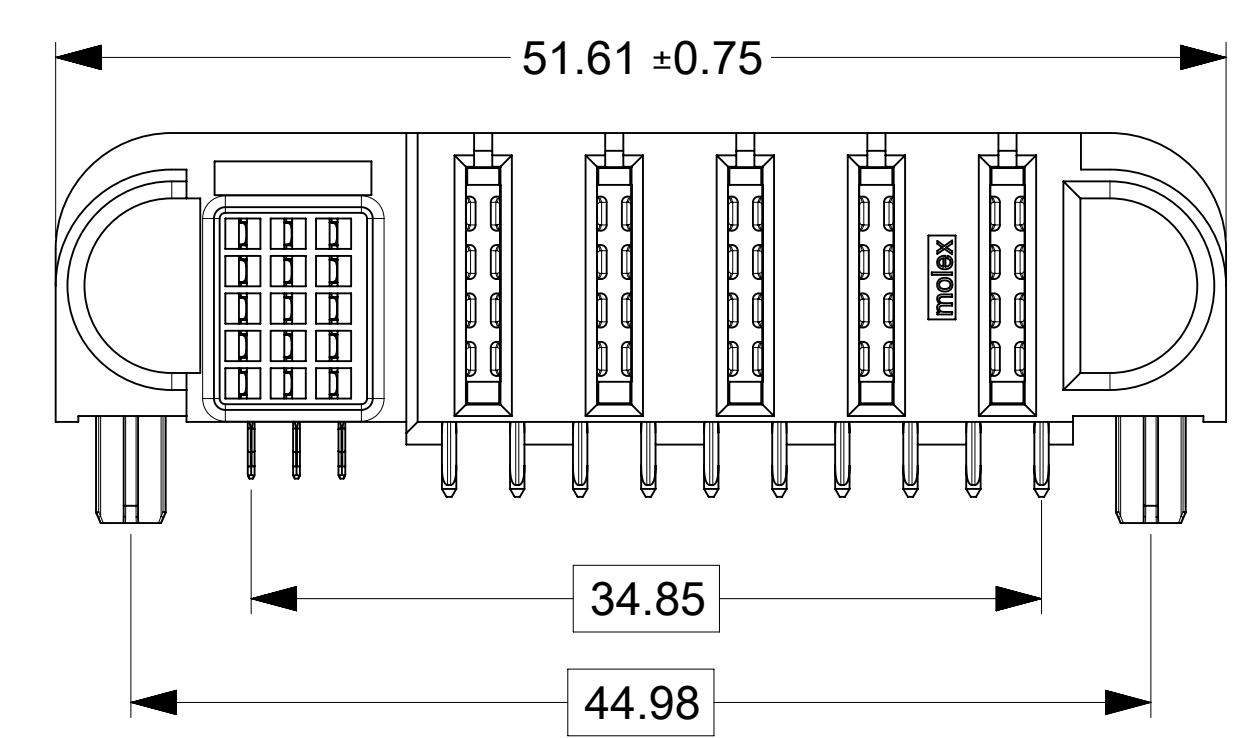
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219564-0013	G+3P+15S+G	90



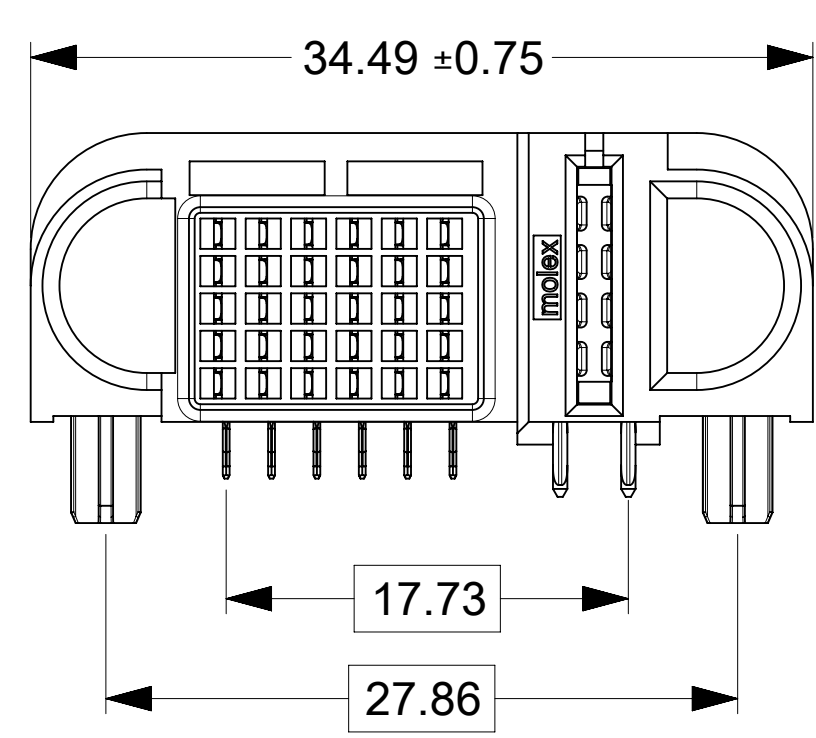
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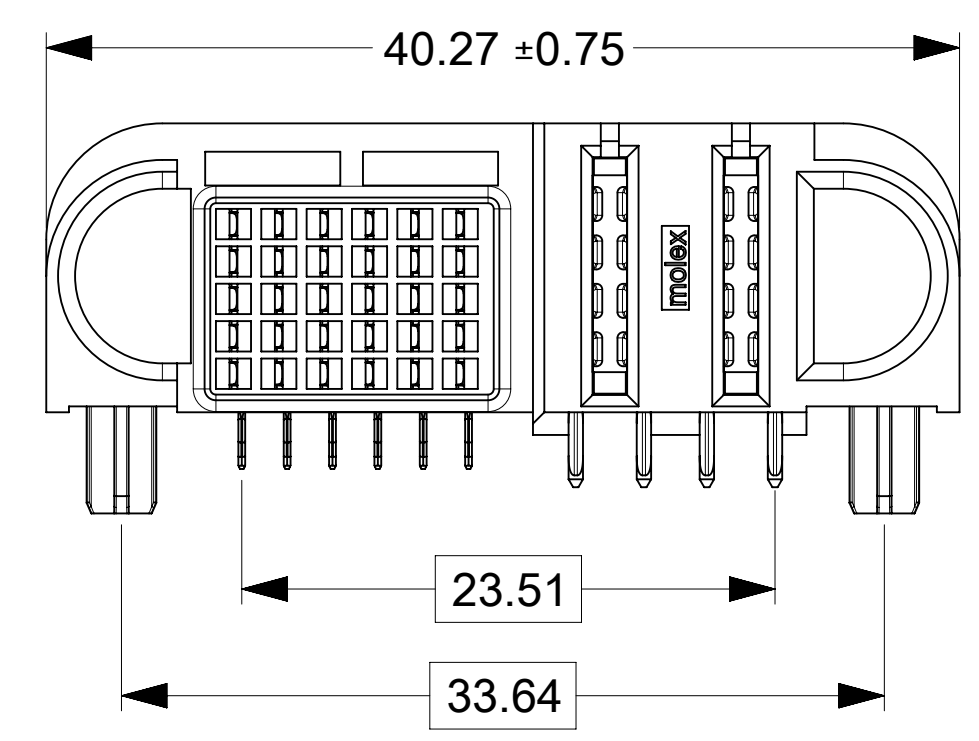
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0015	G+5P+15S+G	75



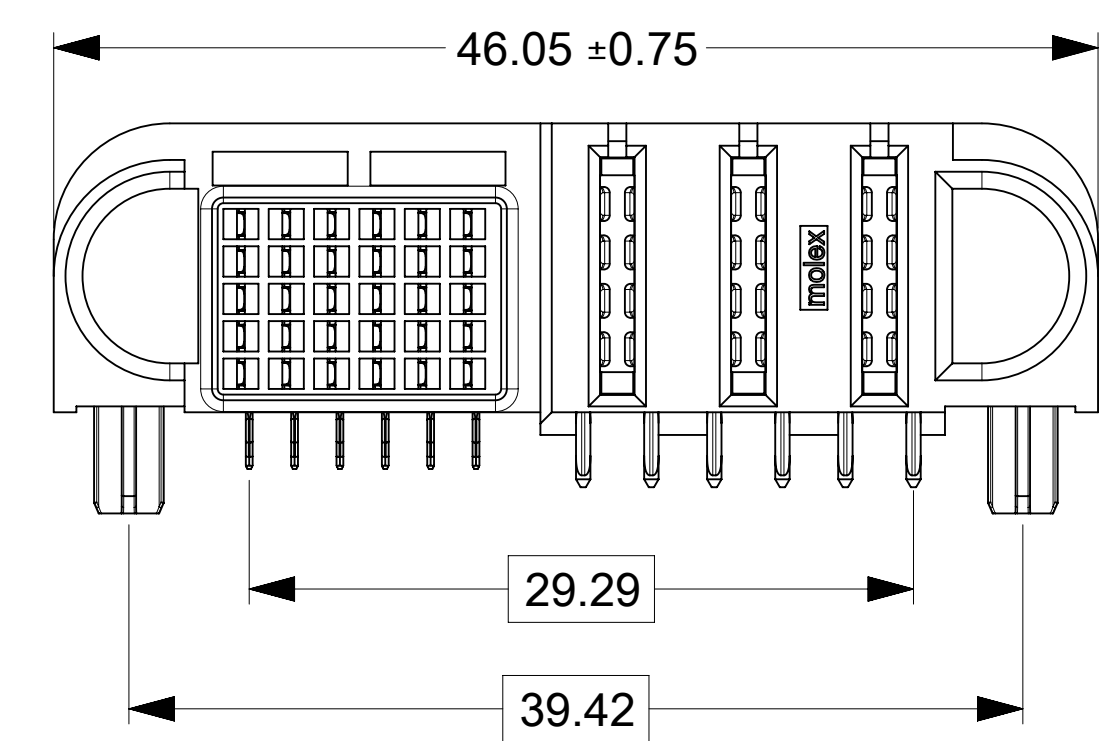
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0016	G+1P+30S+G	105



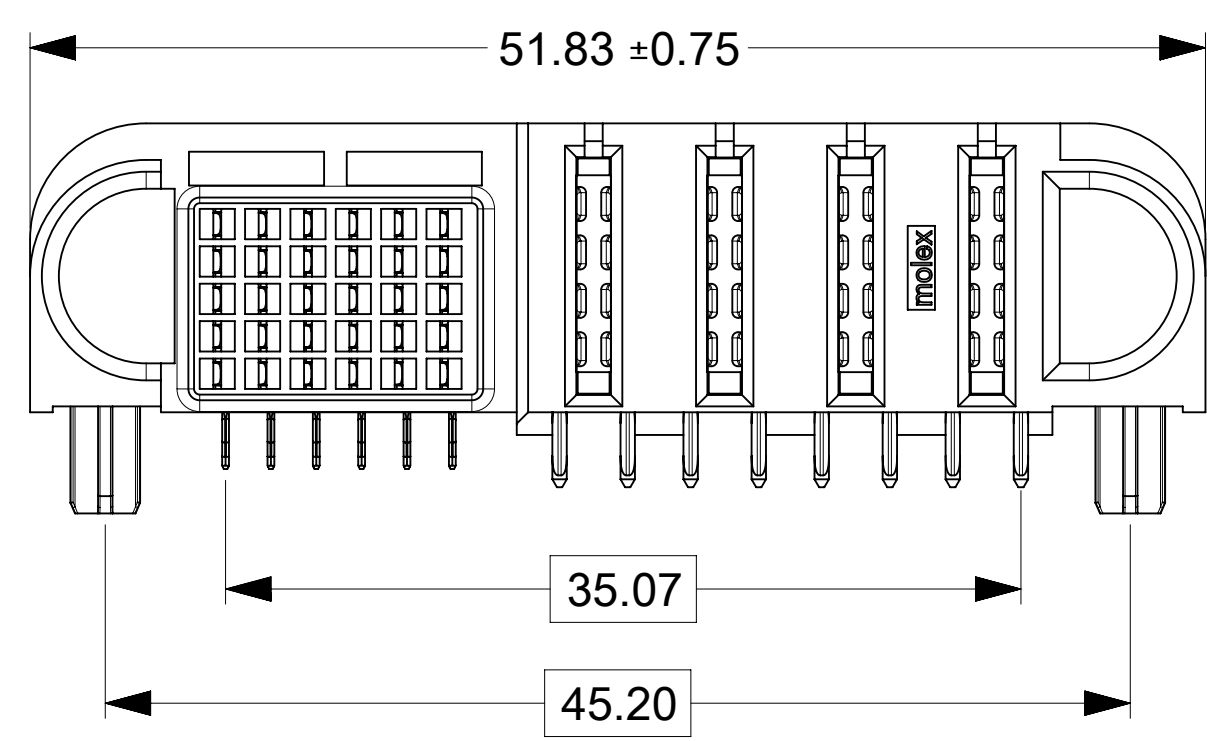
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0017	G+2P+30S+G	90



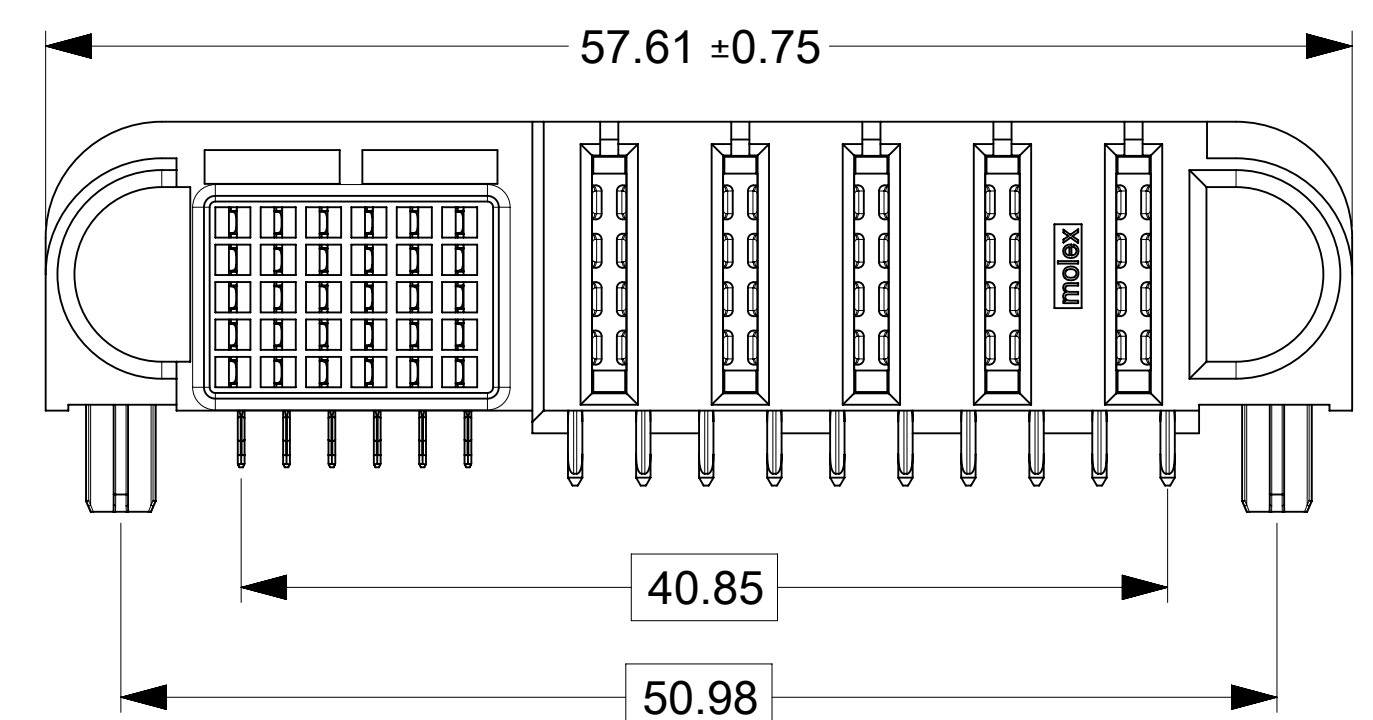
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0018	G+3P+30S+G	75



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0019	G+4P+30S+G	75



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0020	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	±	EC NO: 745288
3 PLACES	±	DRWN: LZABJANOVSKI 2023/03/24
2 PLACES	± 0.25	CHK'D: JAYK1 2023/04/10
1 PLACE	± 0.3	APPR: JAYK1 2023/04/10
0 PLACES	±	INITIAL REVISION:
		DRWN: LZABJANOVSKI 2022/04/01
		APPR: BPISZCZOR 2022/08/04
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER
		D-SIZE 219564 SEE CHART 2 OF 2

molex

GUARDIAN HD REC RIGHT SIGNAL WITH POWER PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195649001-SD	PSD	000	A3

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:06:07
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