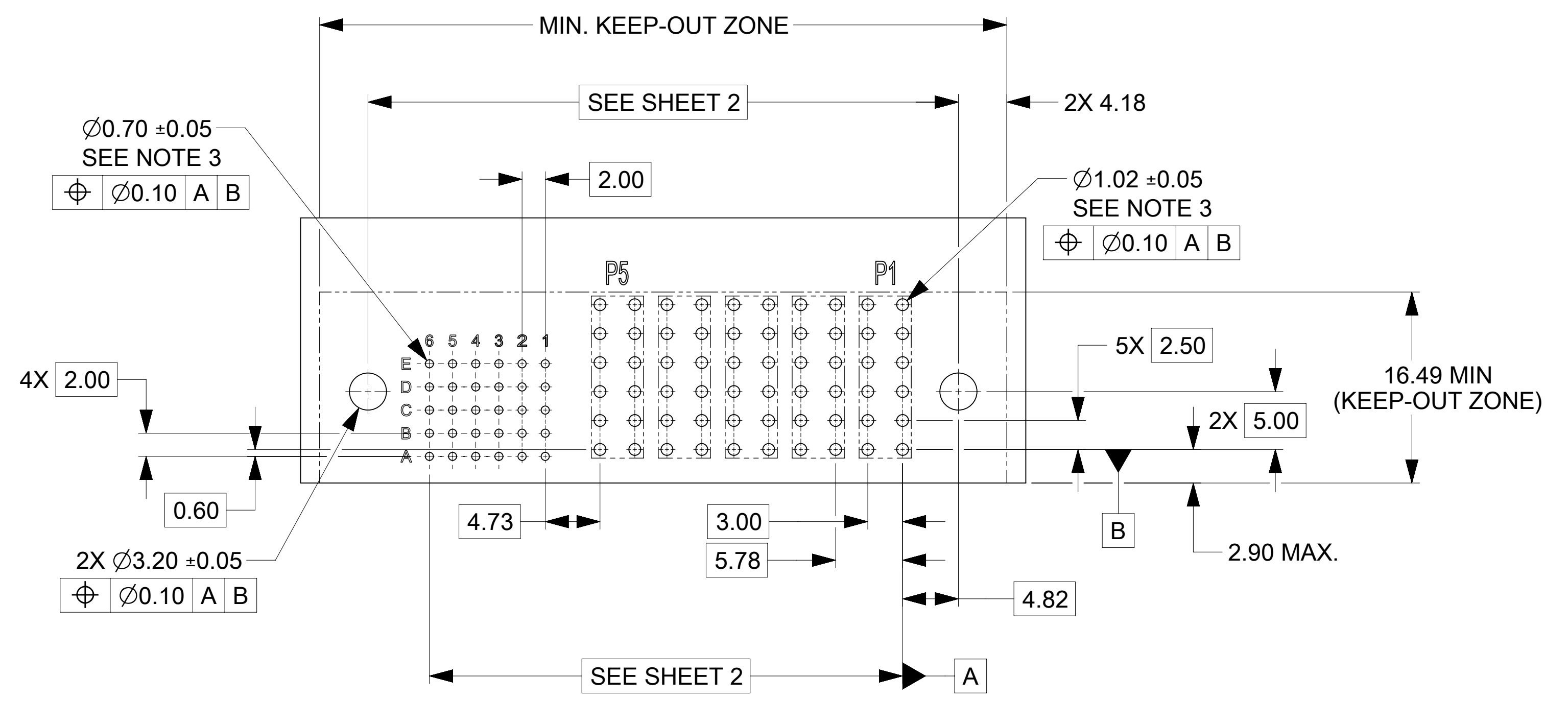


**PLUG MATED TO R/A RECEPTACLE  
MATED PROFILE**

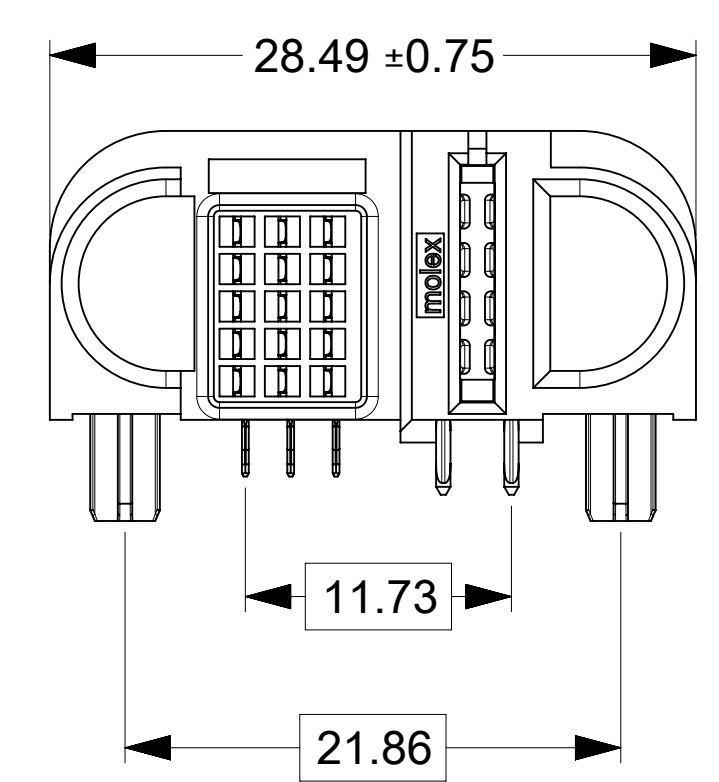


**RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE**

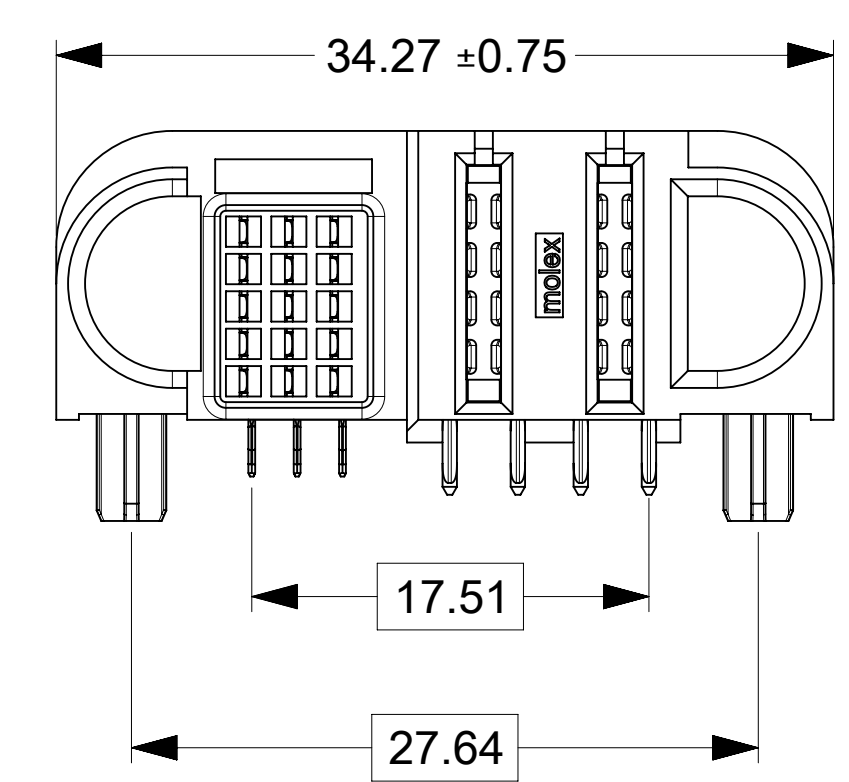
- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27  $\mu\text{m}$  (50  $\mu\text{in}$ ) NICKEL OVERALL WITH 2.54  $\mu\text{m}$  (100  $\mu\text{in}$ ) SELECTIVE TIN ON TAILS AND 0.762  $\mu\text{m}$  (30  $\mu\text{in}$ ) SELECTIVE GOLD ON CONTACT AREA
  - PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141150010-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:							
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:							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: LZABJANOVSKI		2022/04/01		DOC NUMBER		DOC TYPE	
THIRD ANGLE PROJECTION		APPR: BPISZCZOR		2022/08/04		2195649001-SD		PSD 000	
DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
D-SIZE		219564		SEE CHART				1 OF 2	

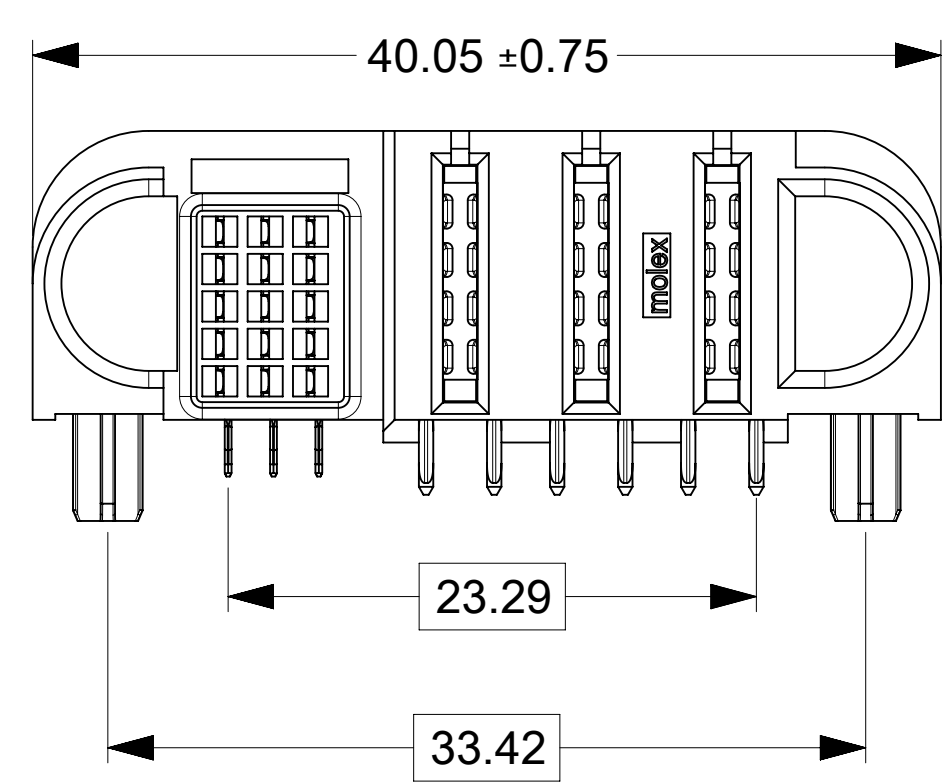
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0011	G+1P+15S+G	135



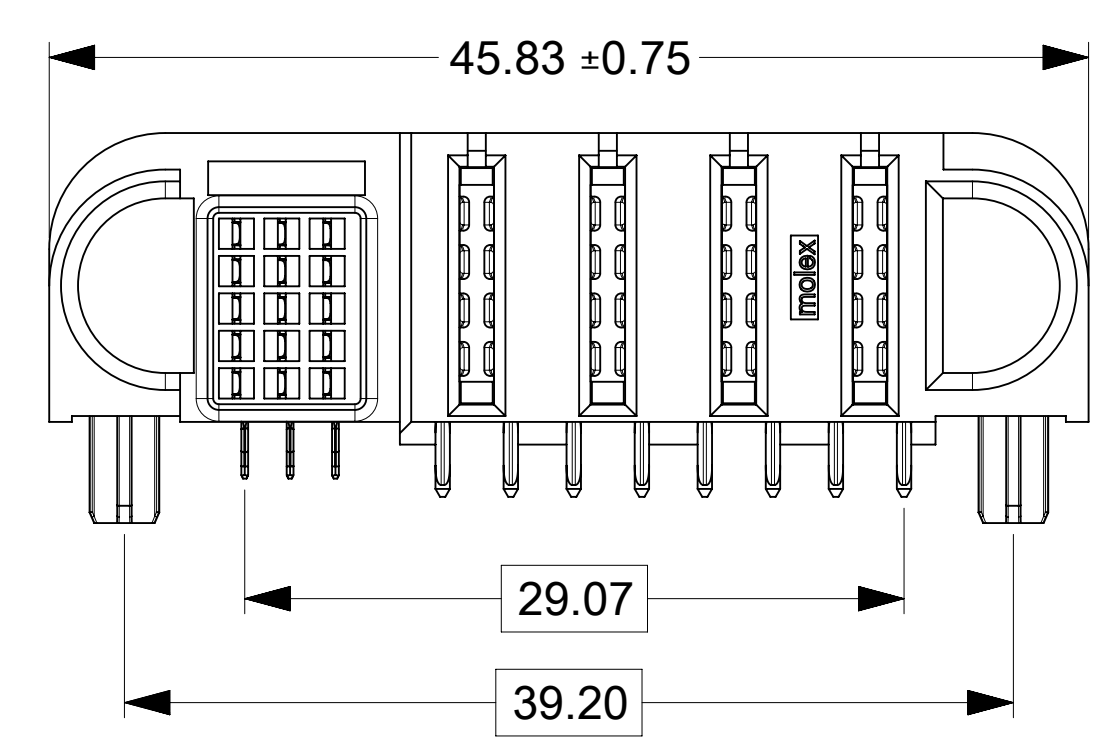
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0012	G+2P+15S+G	105



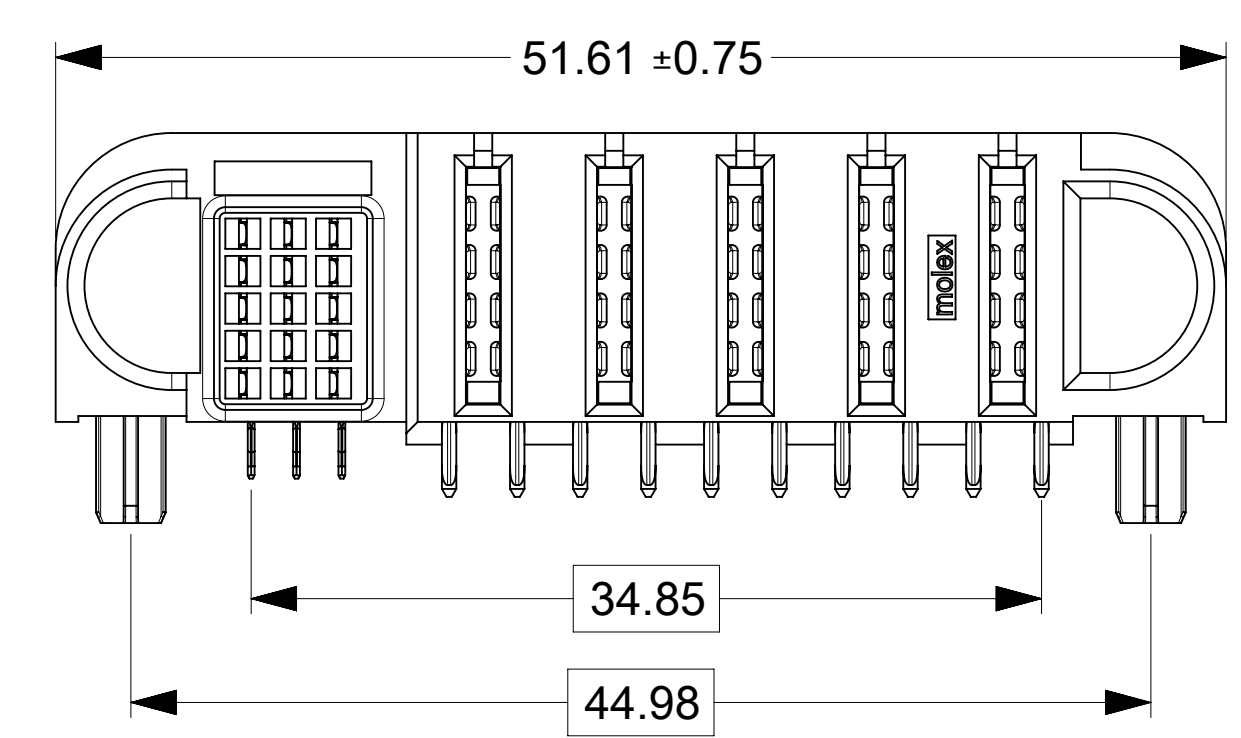
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0013	G+3P+15S+G	90



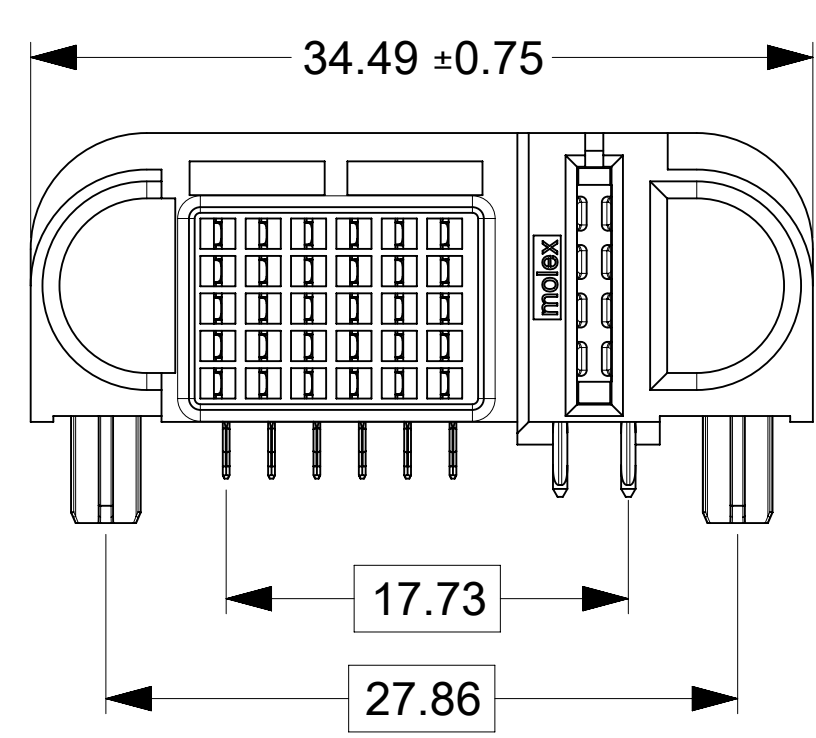
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0014	G+4P+15S+G	75



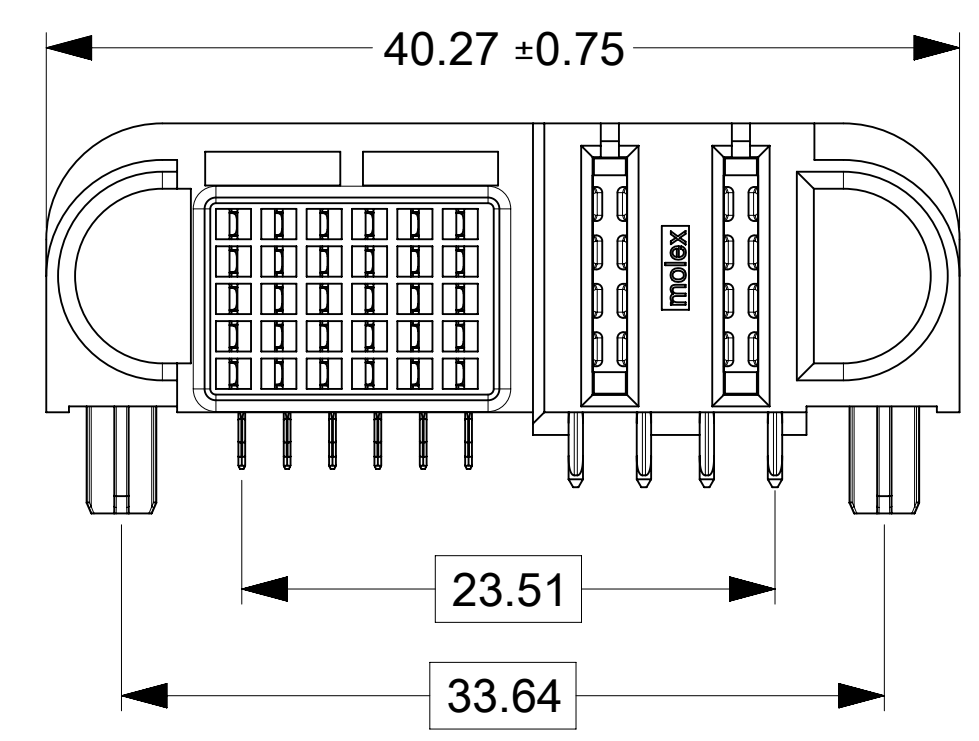
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0015	G+5P+15S+G	75



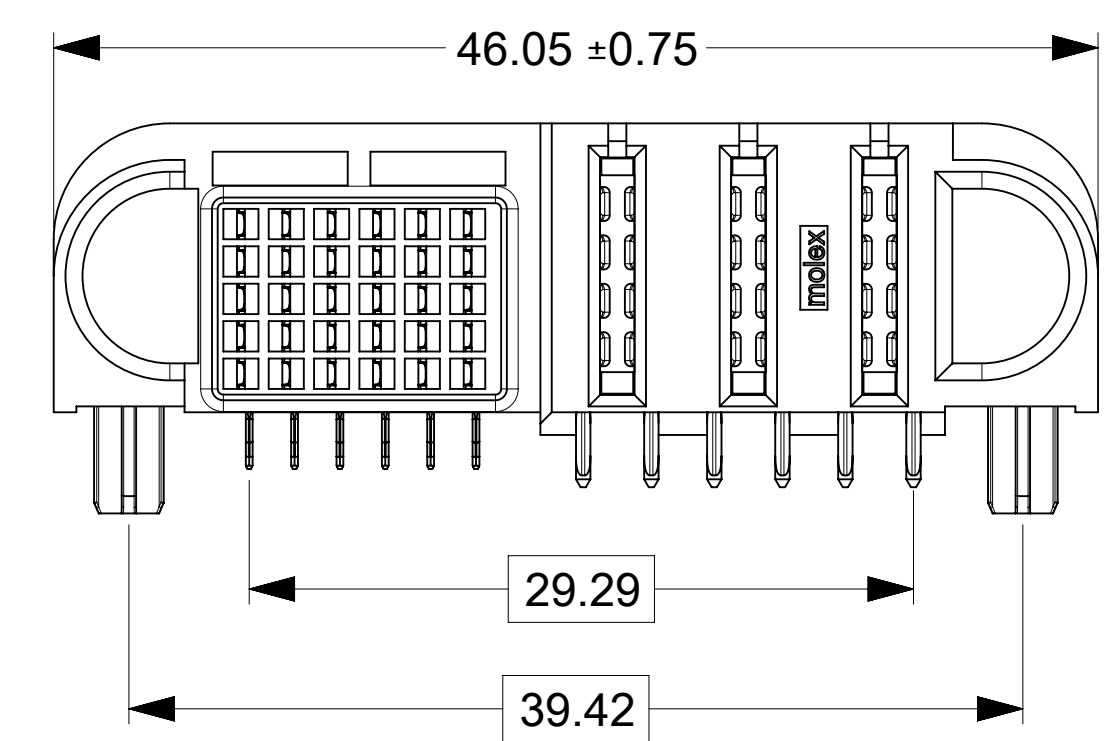
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0016	G+1P+30S+G	105



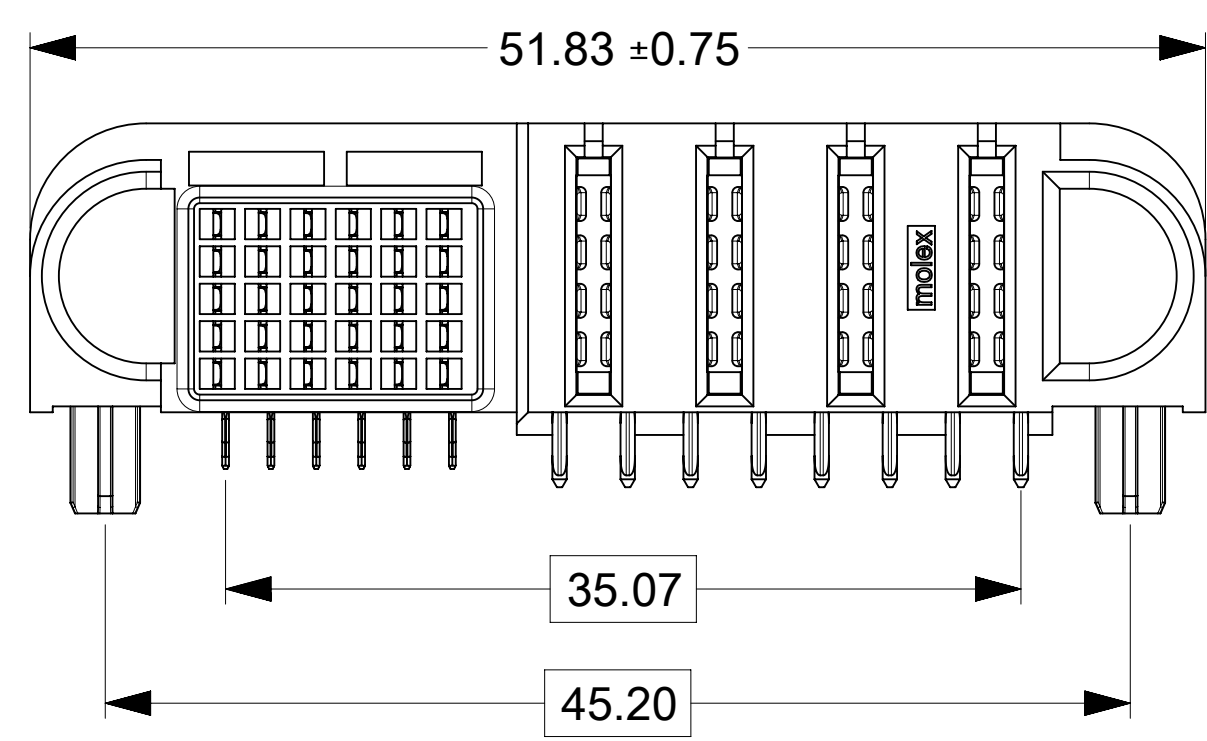
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0017	G+2P+30S+G	90



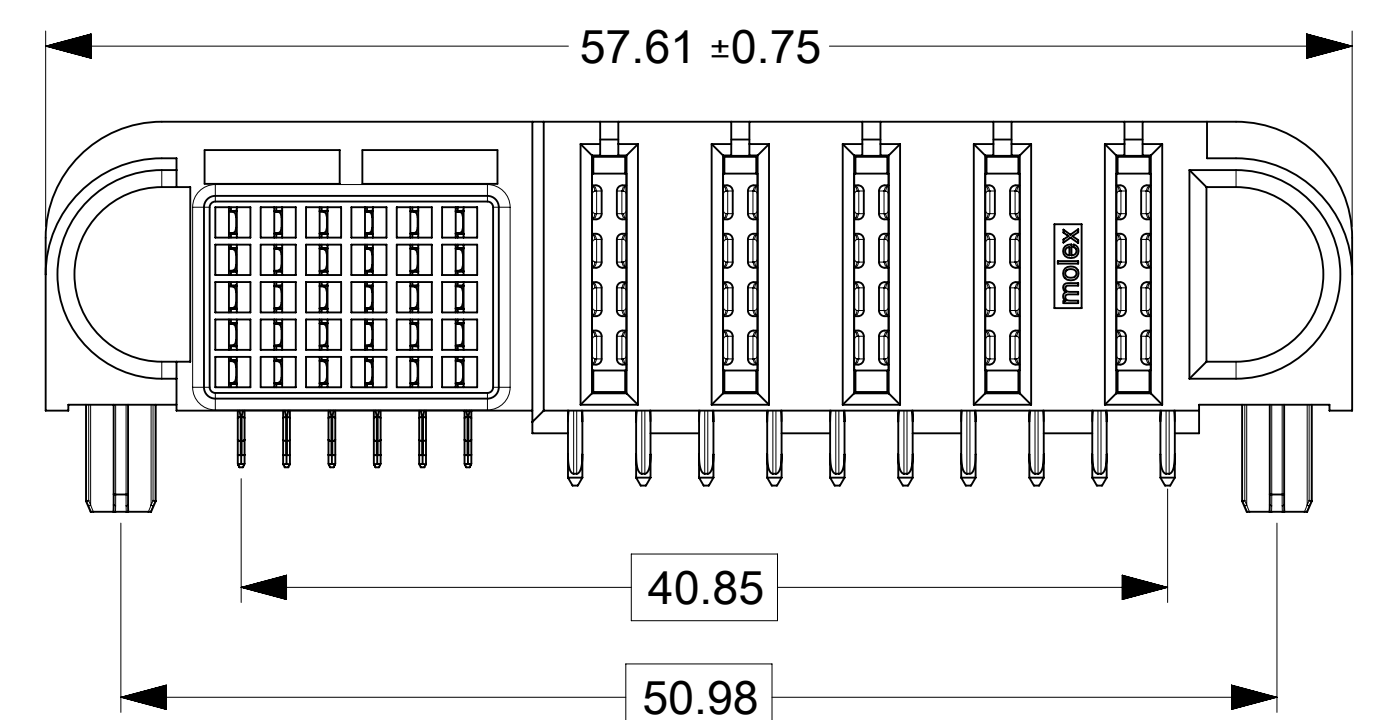
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0018	G+3P+30S+G	75



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	THIRD ANGLE PROJECTION	DRAWING
MUST REMAIN WITHIN DIMENSIONS		D-SIZE
		SERIES
		219564
		MATERIAL NUMBER
		SEE CHART
		CUSTOMER
		SHEET NUMBER
		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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