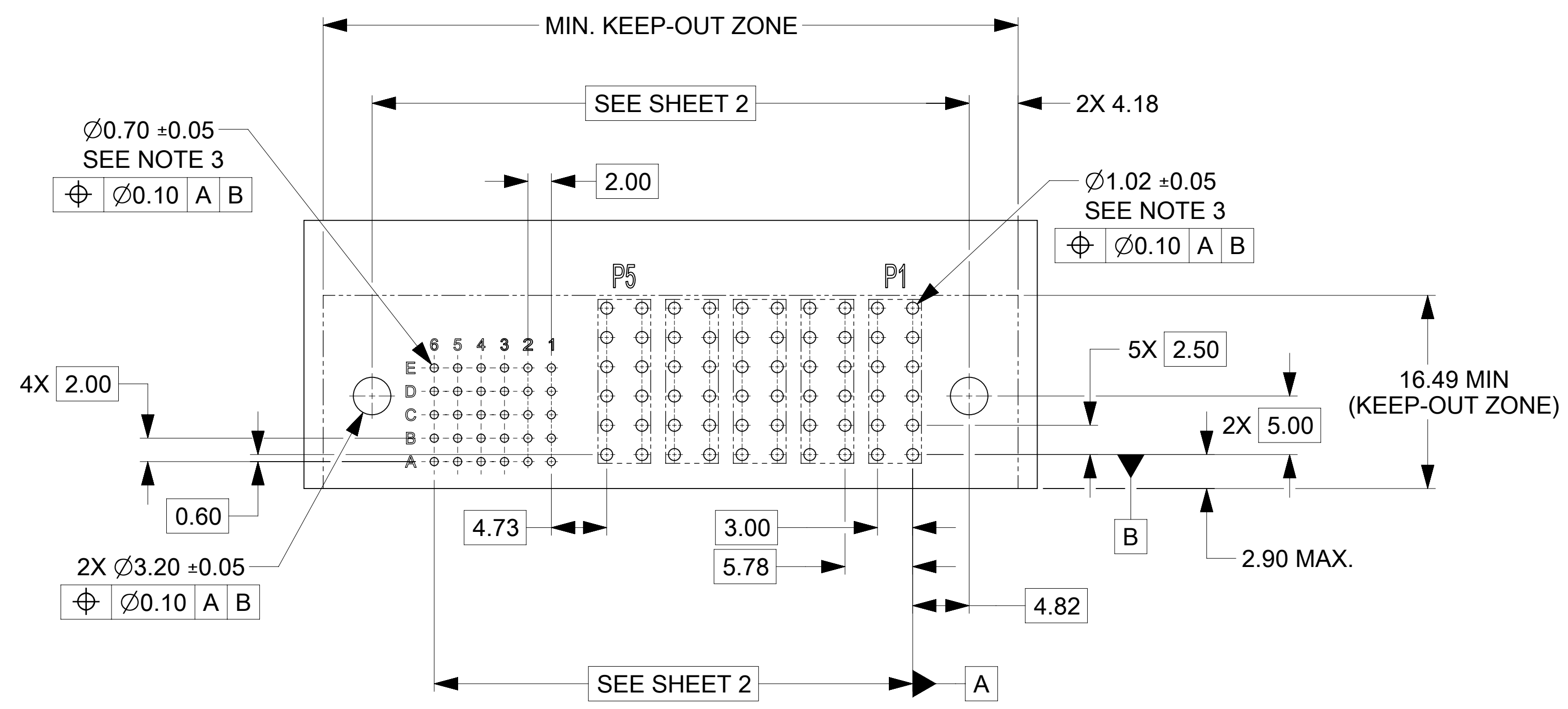


**PLUG MATED TO R/A RECEPTACLE  
MATED PROFILE**

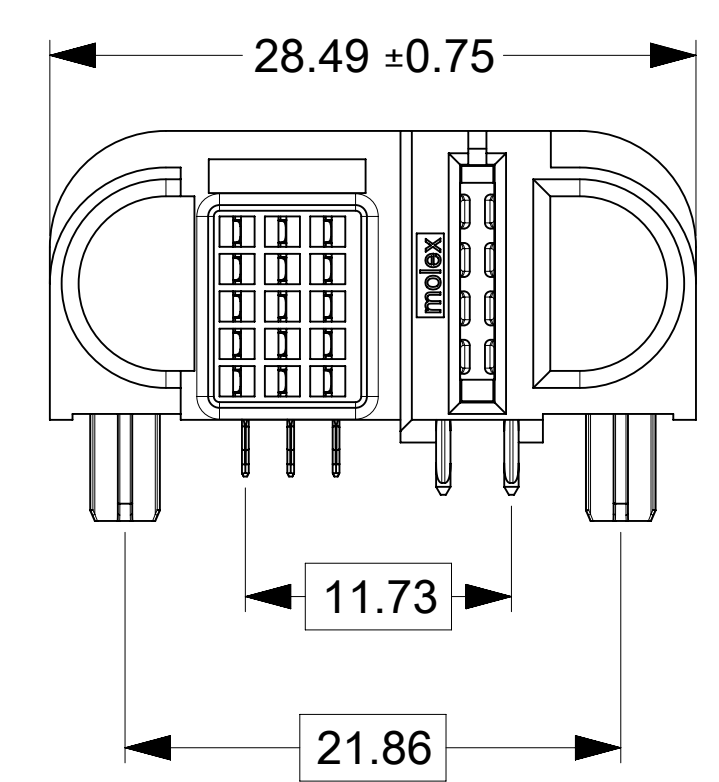


**RECOMMENDED PCB LAYOUT AND KEEP-OUT ZONE**

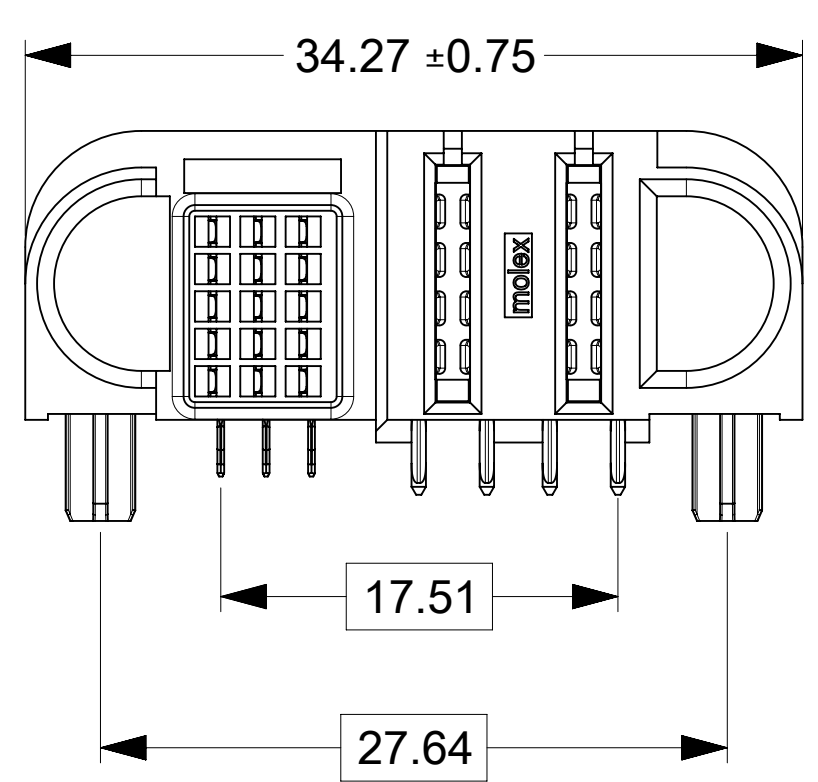
- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27  $\mu\text{m}$  (50  $\mu\text{in}$ ) NICKEL OVERALL WITH 2.54  $\mu\text{m}$  (100  $\mu\text{in}$ ) SELECTIVE TIN ON TAILS AND 0.762  $\mu\text{m}$  (30  $\mu\text{in}$ ) 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)				EC NO: 745288						GUARDIAN HD REC RIGHT SIGNAL WITH POWER PF	
ANGULAR TOL				DRWN: LZABJANOVSKI 2023/03/24							
4 PLACES				CHK'D: JAYK1 2023/04/10						PRODUCT CUSTOMER DRAWING	
3 PLACES				APPR: JAYK1 2023/04/10							
2 PLACES				INITIAL REVISION:						DOCUMENT NUMBER: 2195649001-SD	
1 PLACE				DRWN: LZABJANOVSKI 2022/04/01							
0 PLACES				APPR: BPISZCZOR 2022/08/04						DOC TYPE: PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
						D-SIZE		219564		1 OF 2	

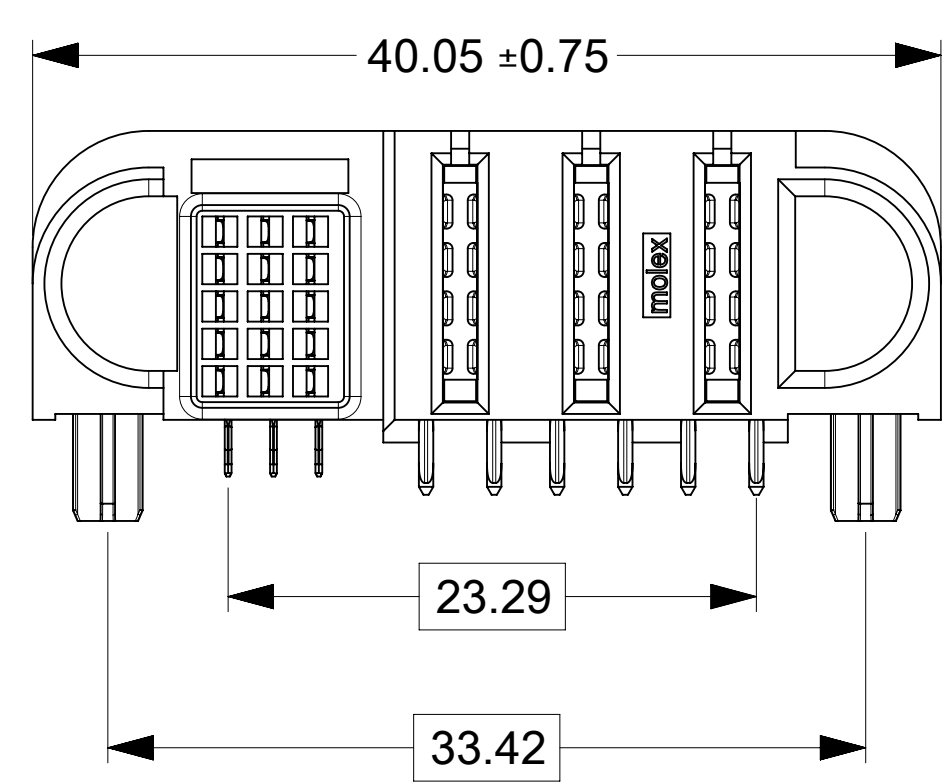
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0011	G+1P+15S+G	135



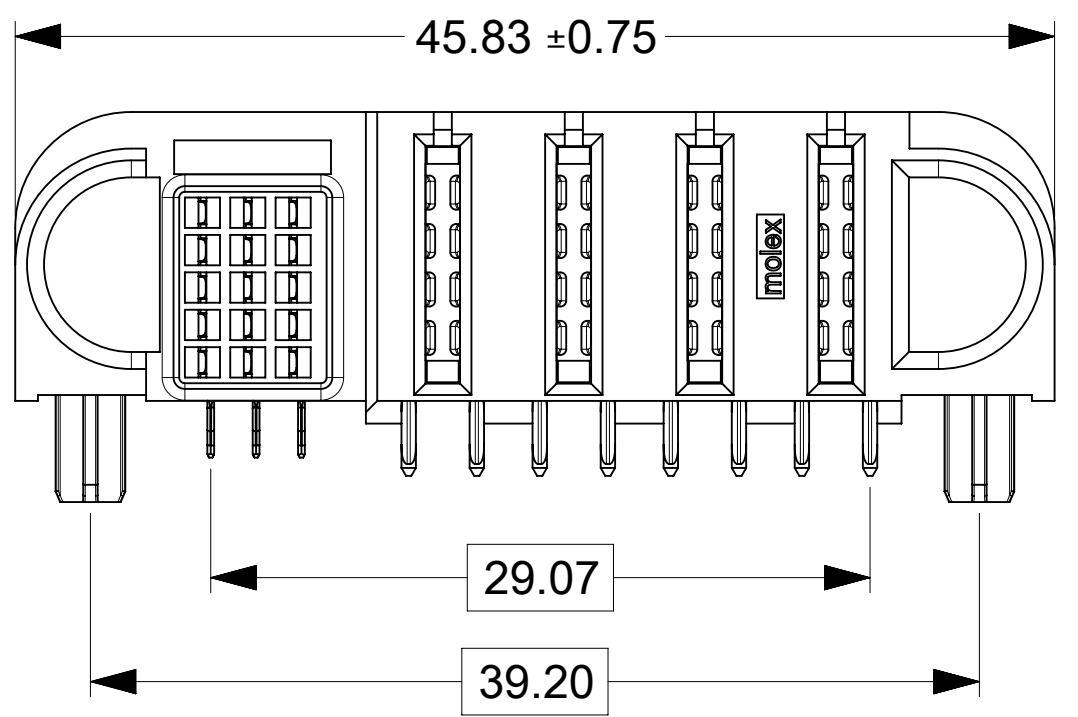
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0012	G+2P+15S+G	105



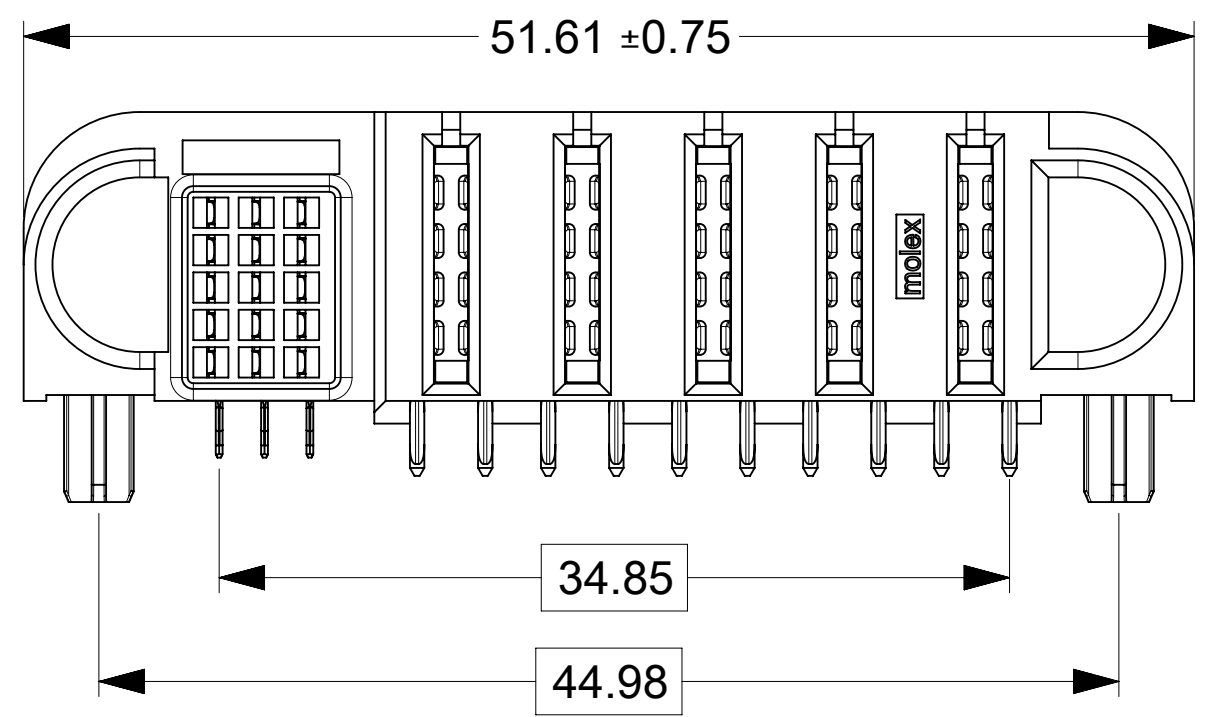
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0013	G+3P+15S+G	90



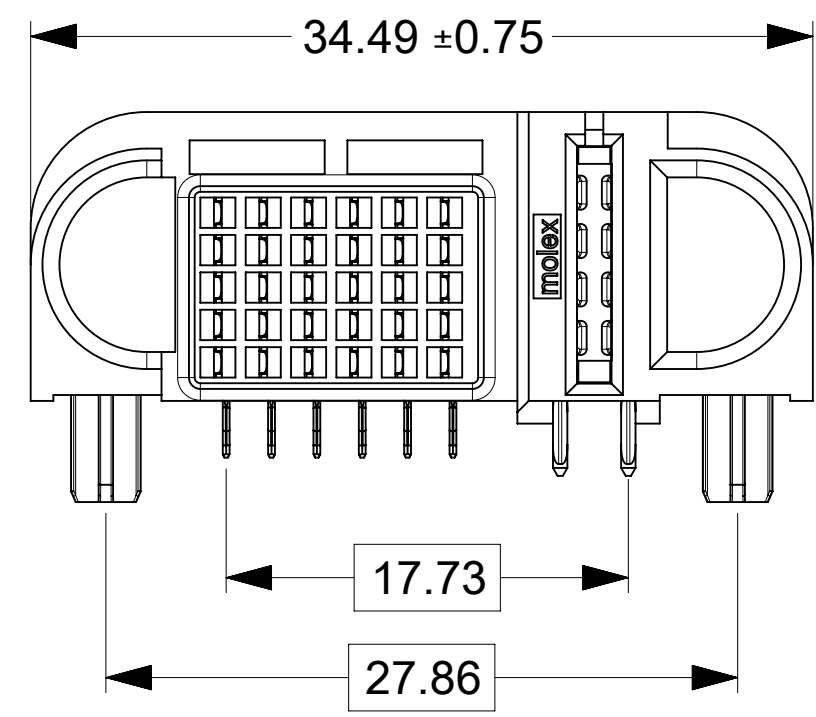
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0014	G+4P+15S+G	75



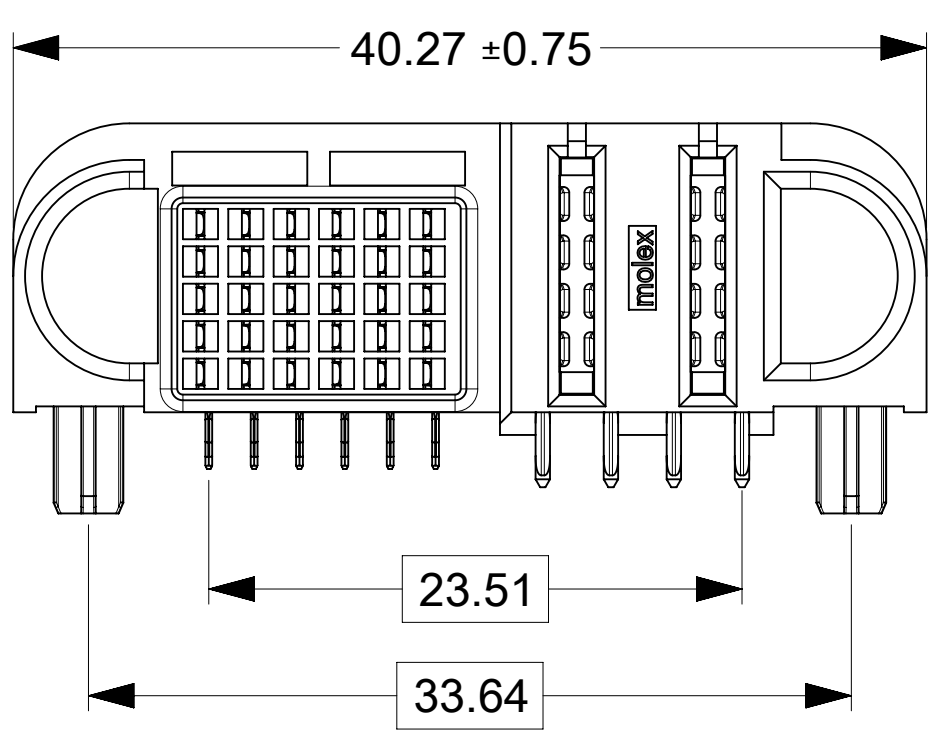
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0015	G+5P+15S+G	75



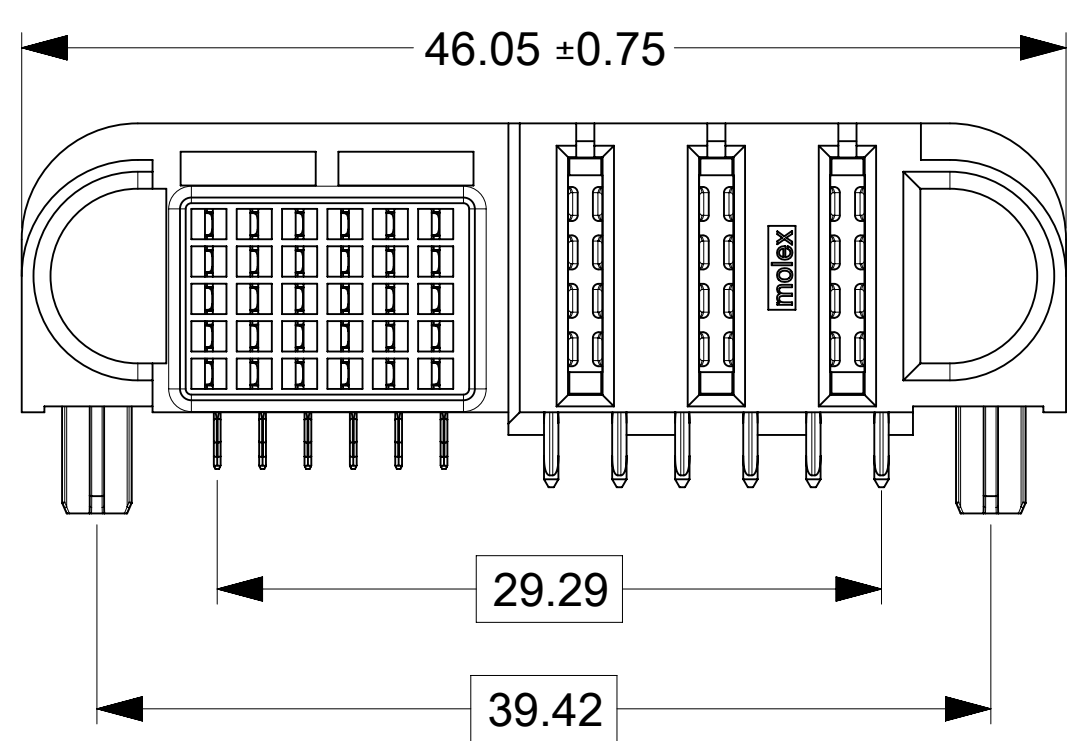
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0016	G+1P+30S+G	105



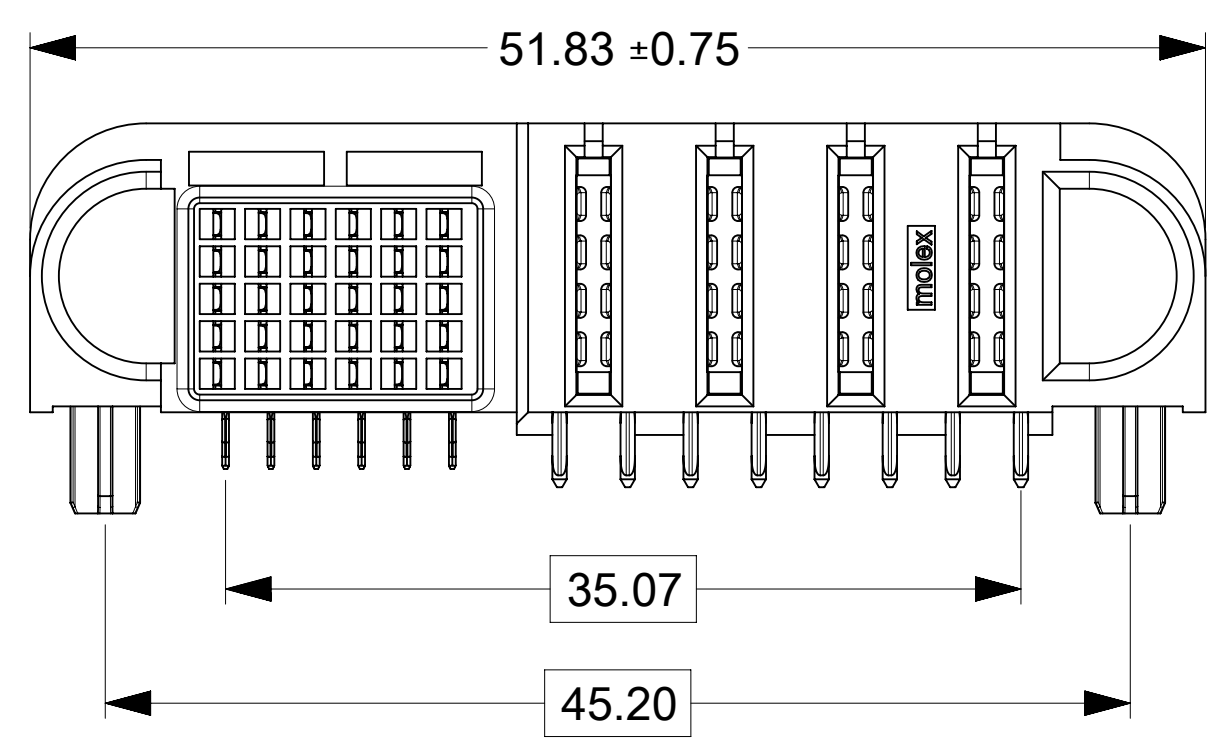
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0017	G+2P+30S+G	90



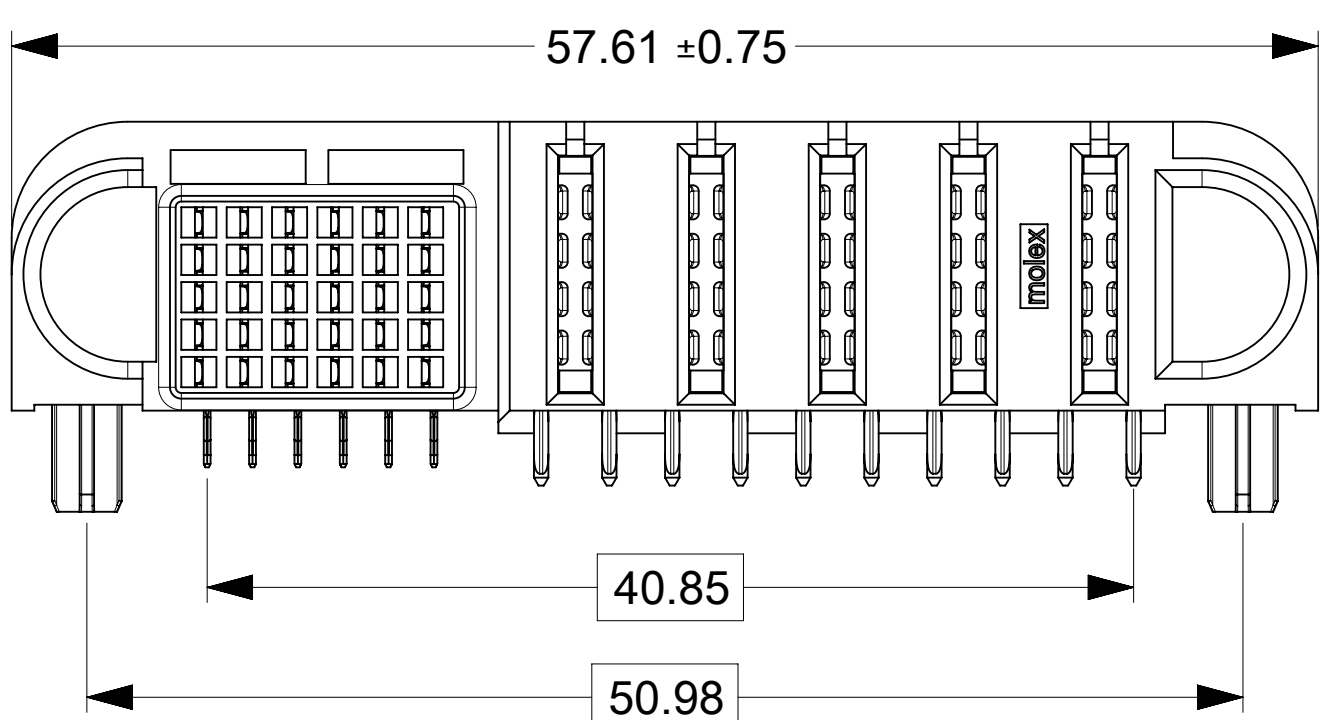
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0018	G+3P+30S+G	75



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	±	
3 PLACES	±	
2 PLACES	±	0.25
1 PLACE	±	0.3
0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION	DRAWING	SERIES
	D-SIZE	219564
EC NO: 745288	DRWN: LZABJANOVSKI	2023/03/24
CHK'D: JAYK1	APPR: JAYK1	2023/04/10
INITIAL REVISION:	DRWN: LZABJANOVSKI	2022/04/01
APPR: BPISZCZOR	2022/08/04	
DOCUMENT NUMBER	DOC TYPE	DOC PART
2195649001-SD	PSD	000
MATERIAL NUMBER	CUSTOMER	REVISION
SEE CHART		A3
SHEET NUMBER		
2 OF 2		

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