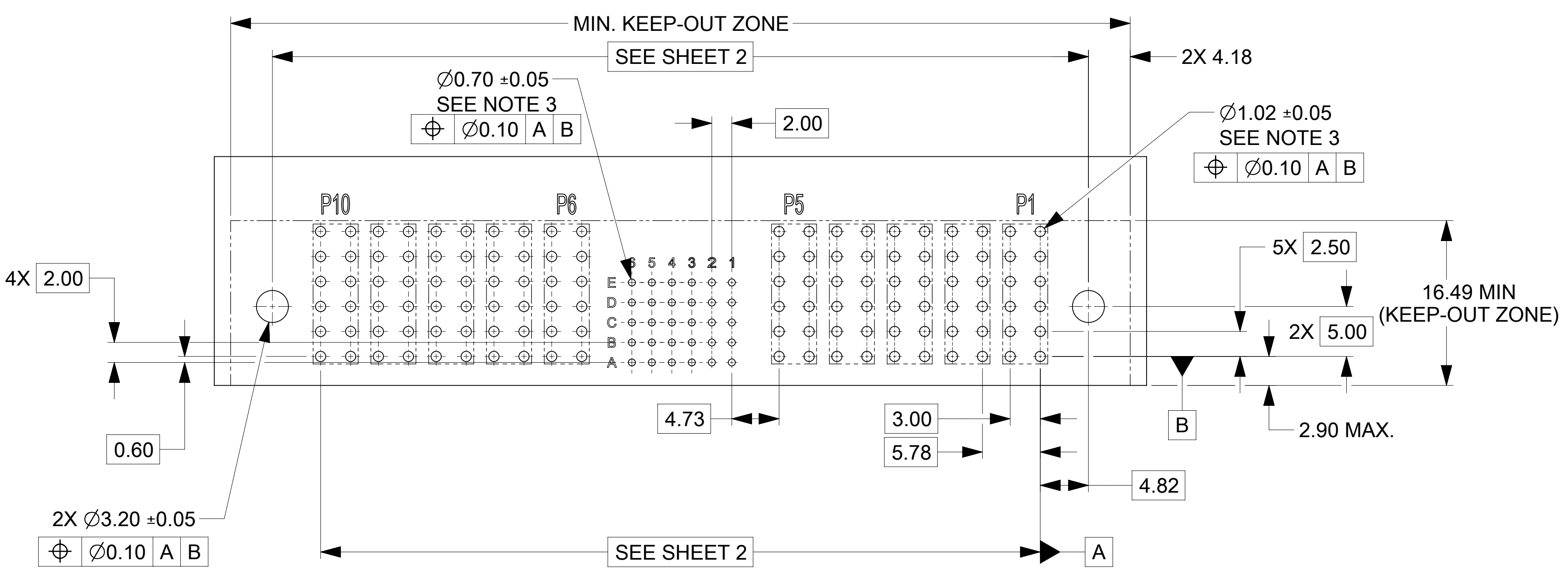


**PLUG MATED TO R/A RECEPTACLE  
MATED PROFILE**



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

- NOTES:
- MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27 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: 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
THIRD ANGLE PROJECTION		APPR: BPISZCZOR	2022/08/04
DRAWING		SERIES	MATERIAL NUMBER
D-SIZE		219564	SEE CHART
CUSTOMER		SHEET NUMBER	
		1 OF 2	



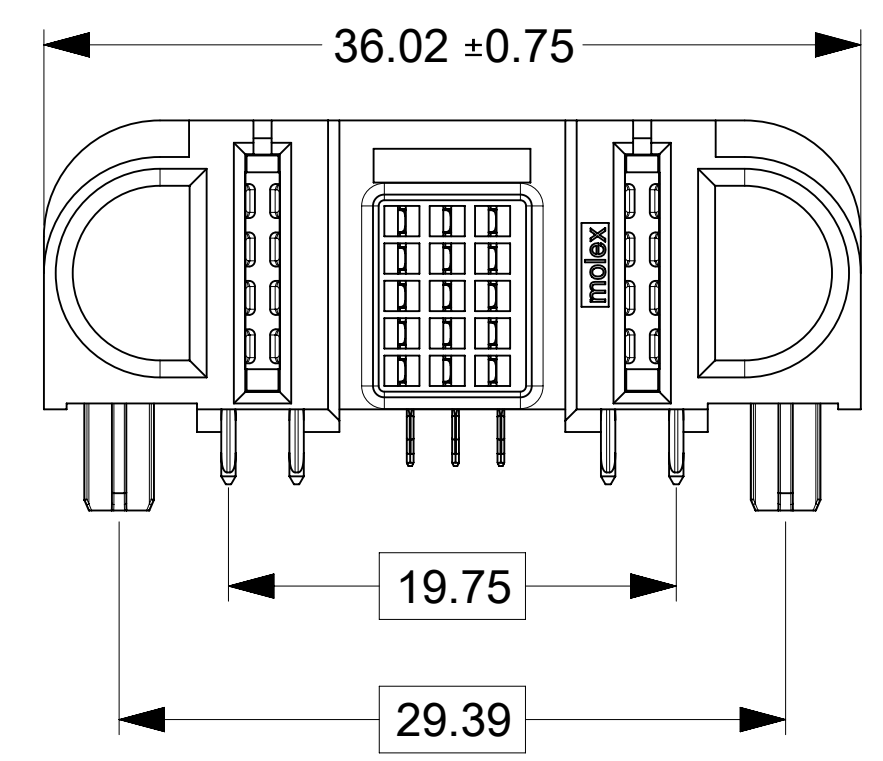
GUARDIAN HD REC DUAL POWER  
SIGNAL CENTER PF

PRODUCT CUSTOMER DRAWING

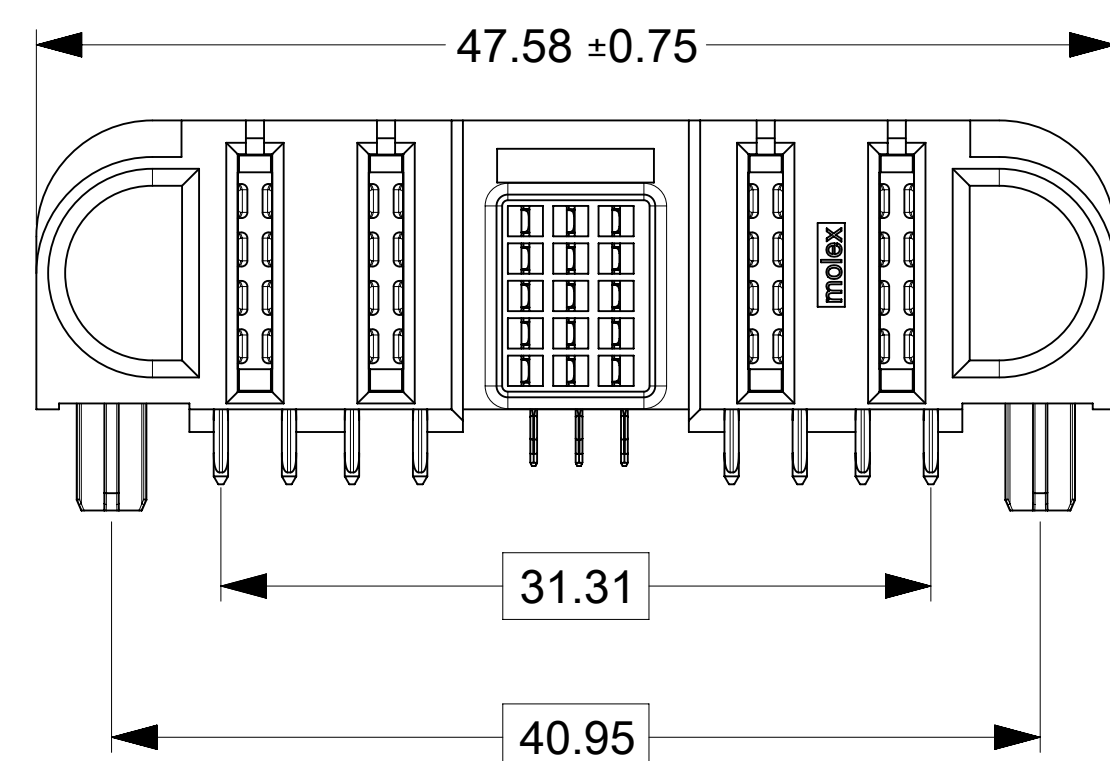
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195649002-SD	PSD	000	A3

DOCUMENT STATUS	P1	RELEASE DATE	2023/04/11	17:06:07
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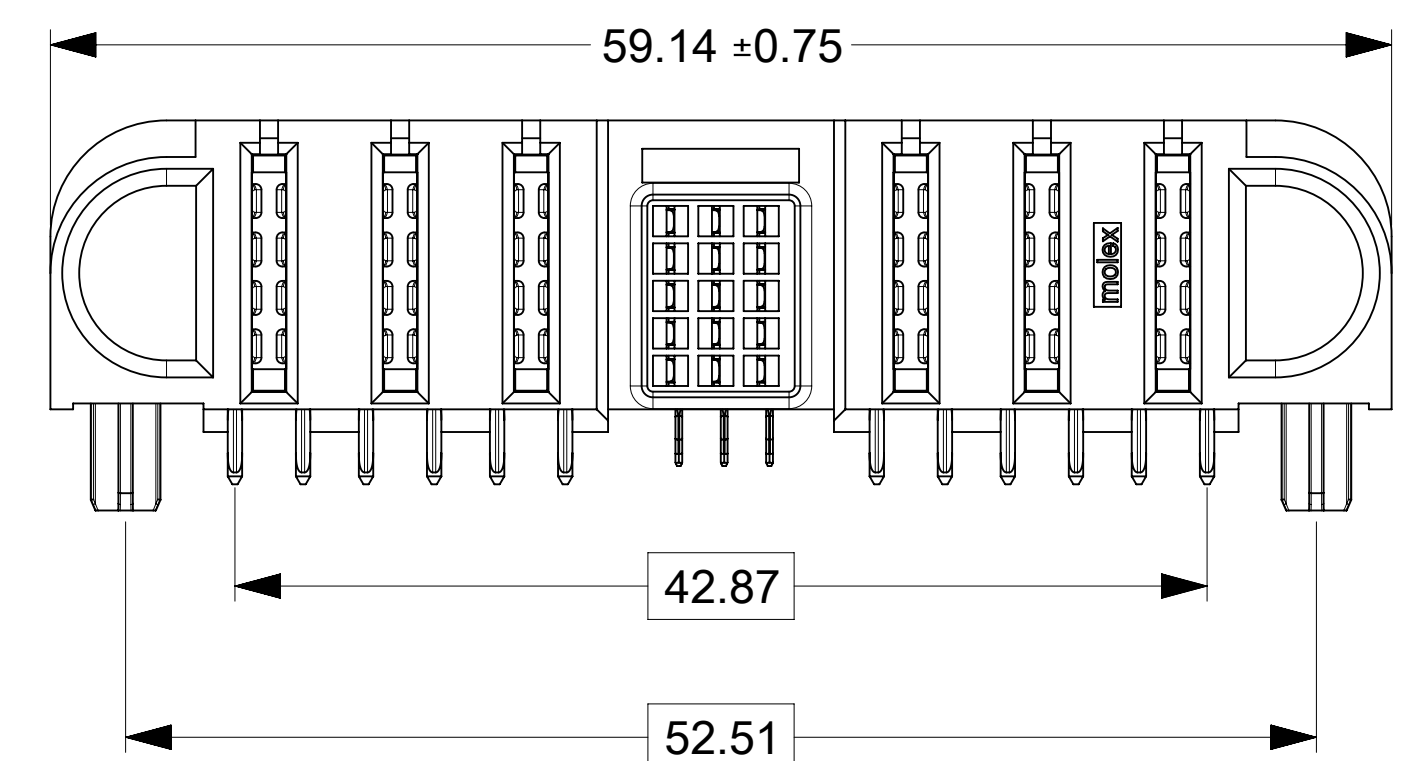
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219564-0021	G+1P+15S+1P+G	105



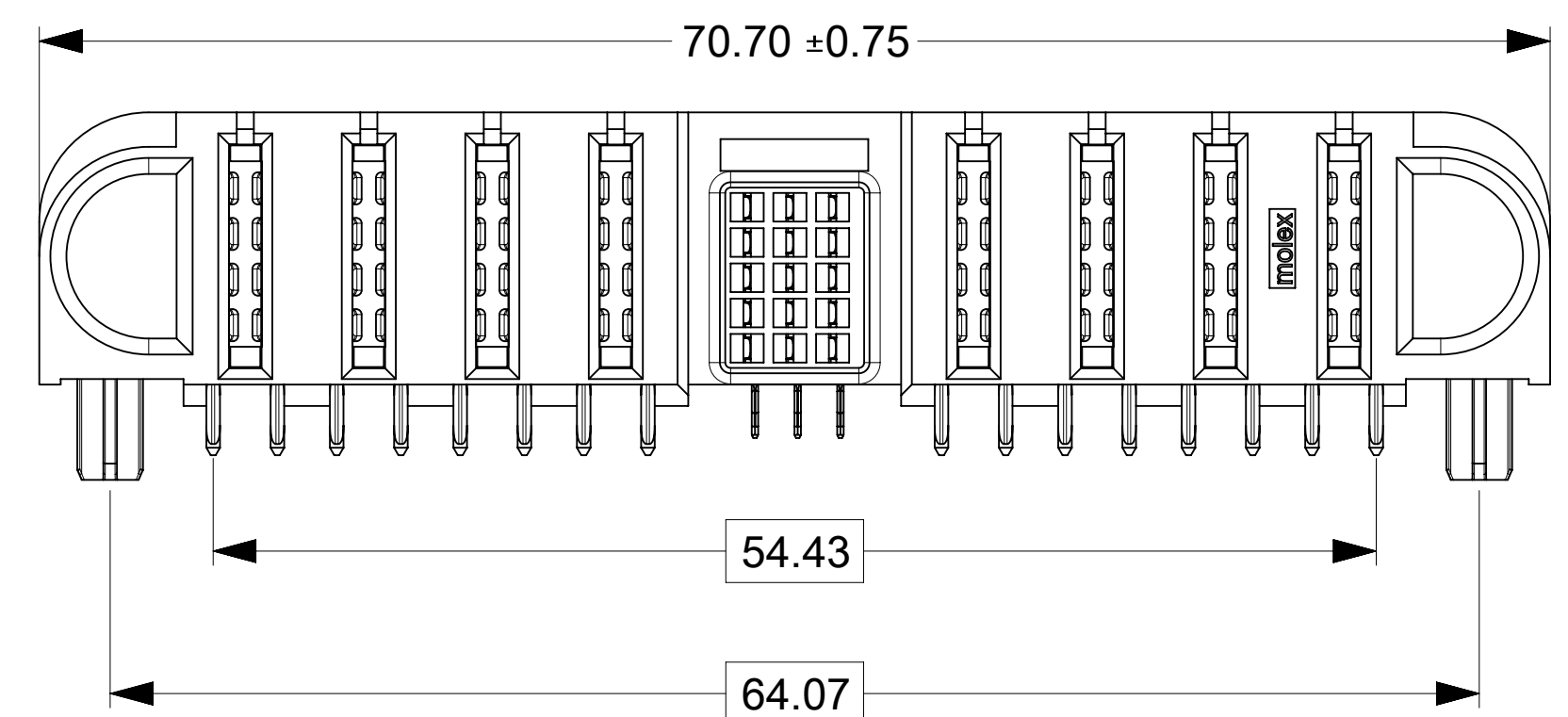
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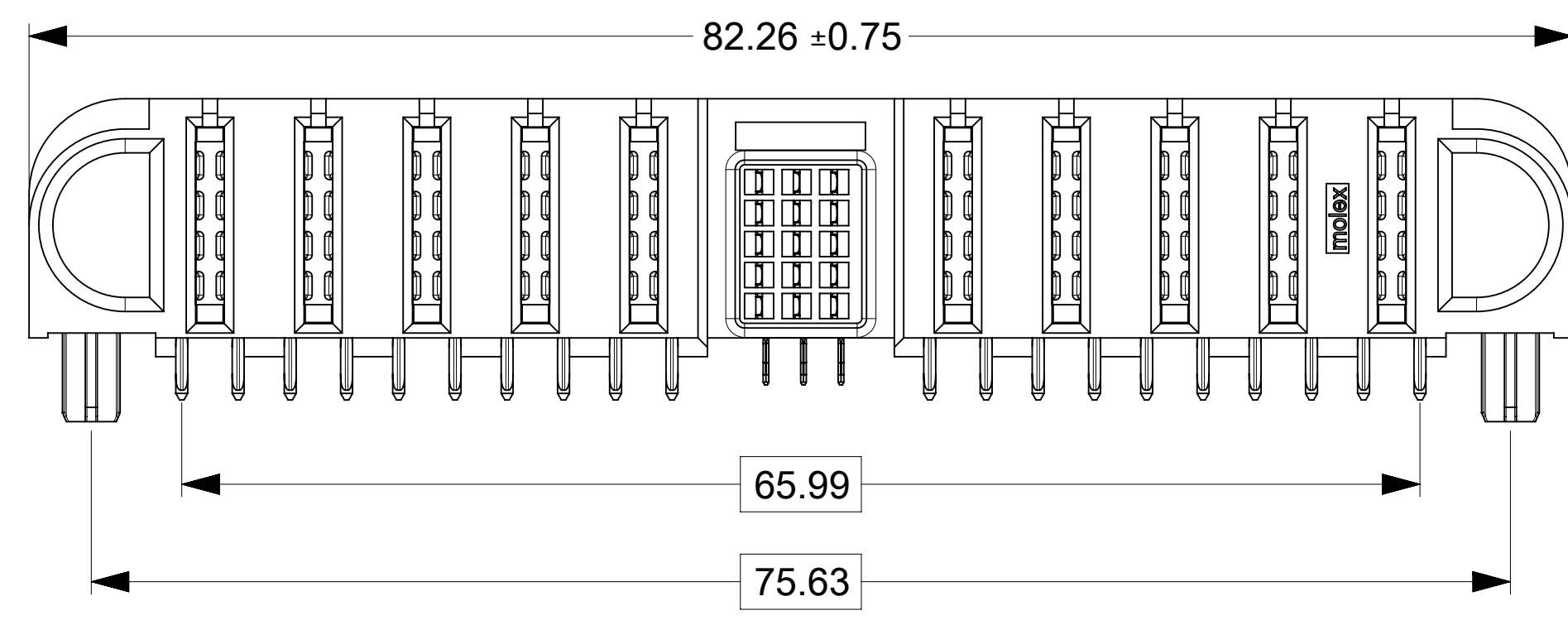
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219564-0023	G+3P+15S+3P+G	60



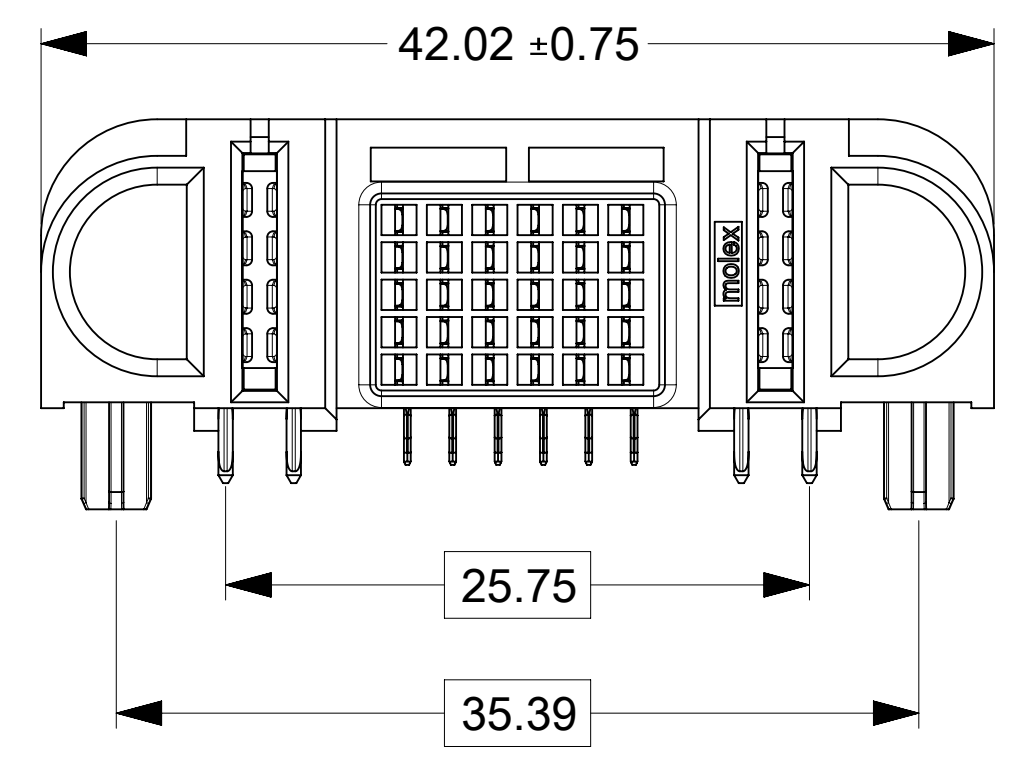
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0024	G+4P+15S+4P+G	45



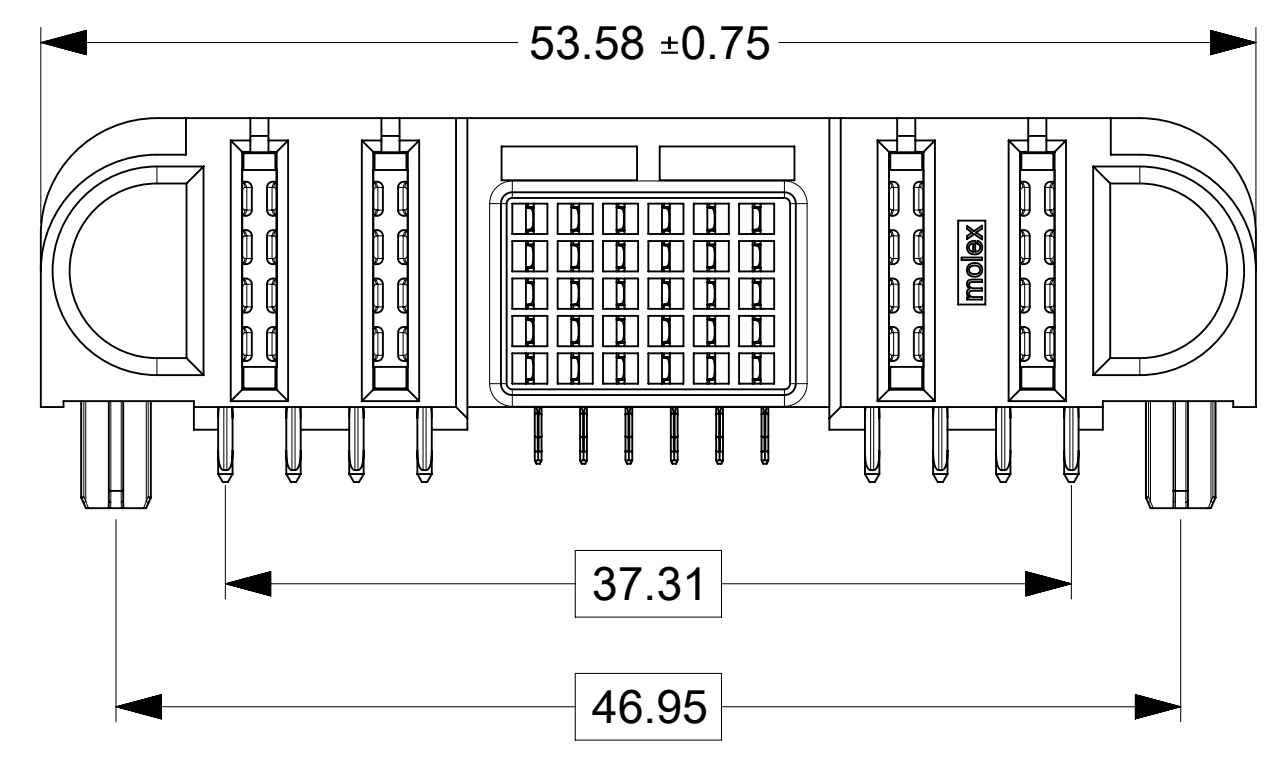
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0025	G+5P+15S+5P+G	45



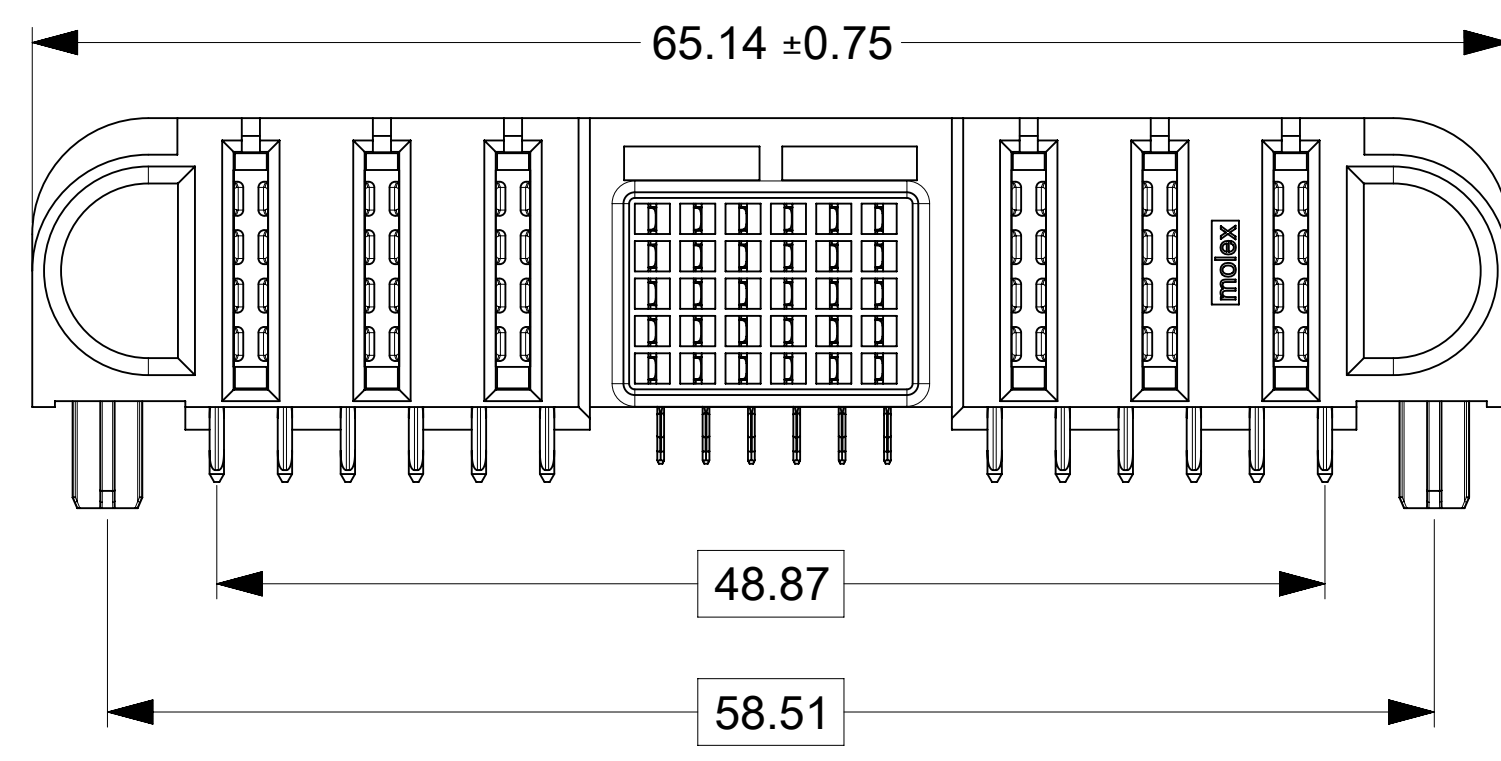
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219564-0026	G+1P+30S+1P+G	90



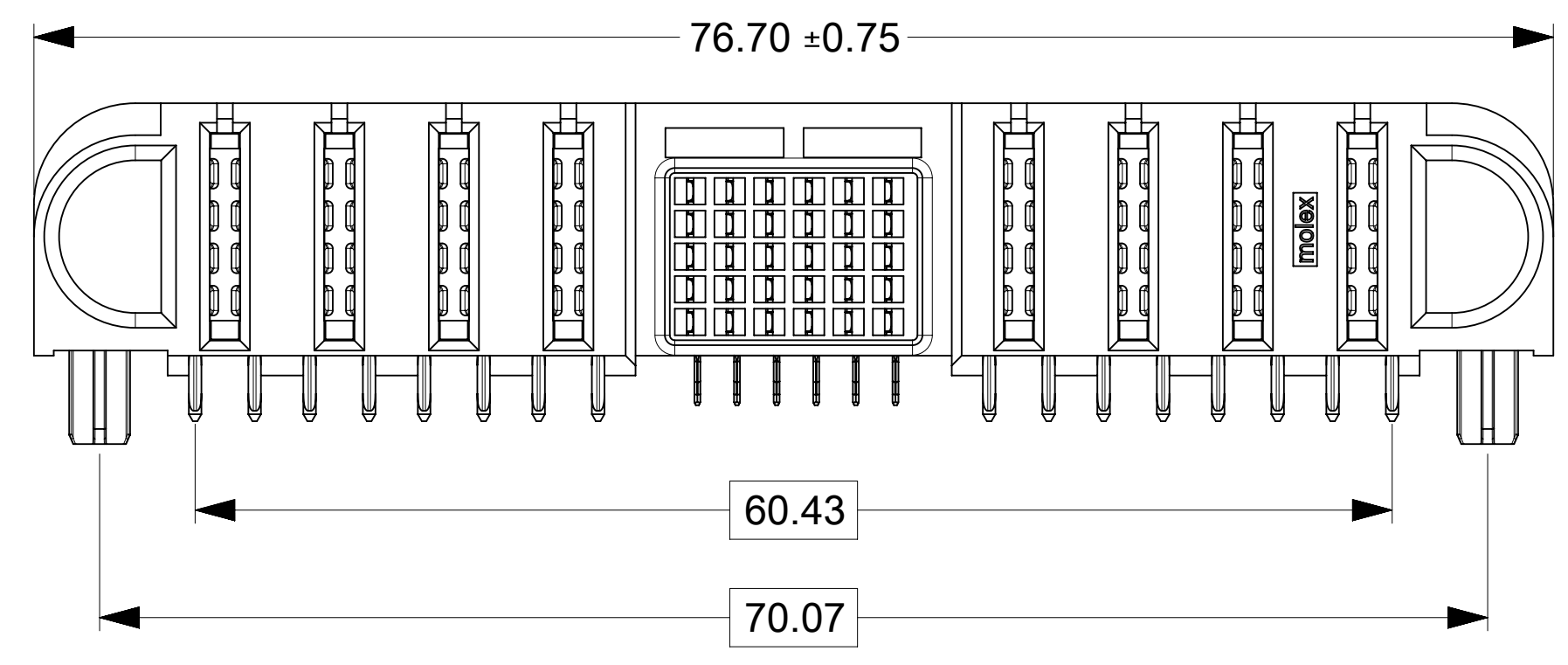
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219564-0027	G+2P+30S+2P+G	60



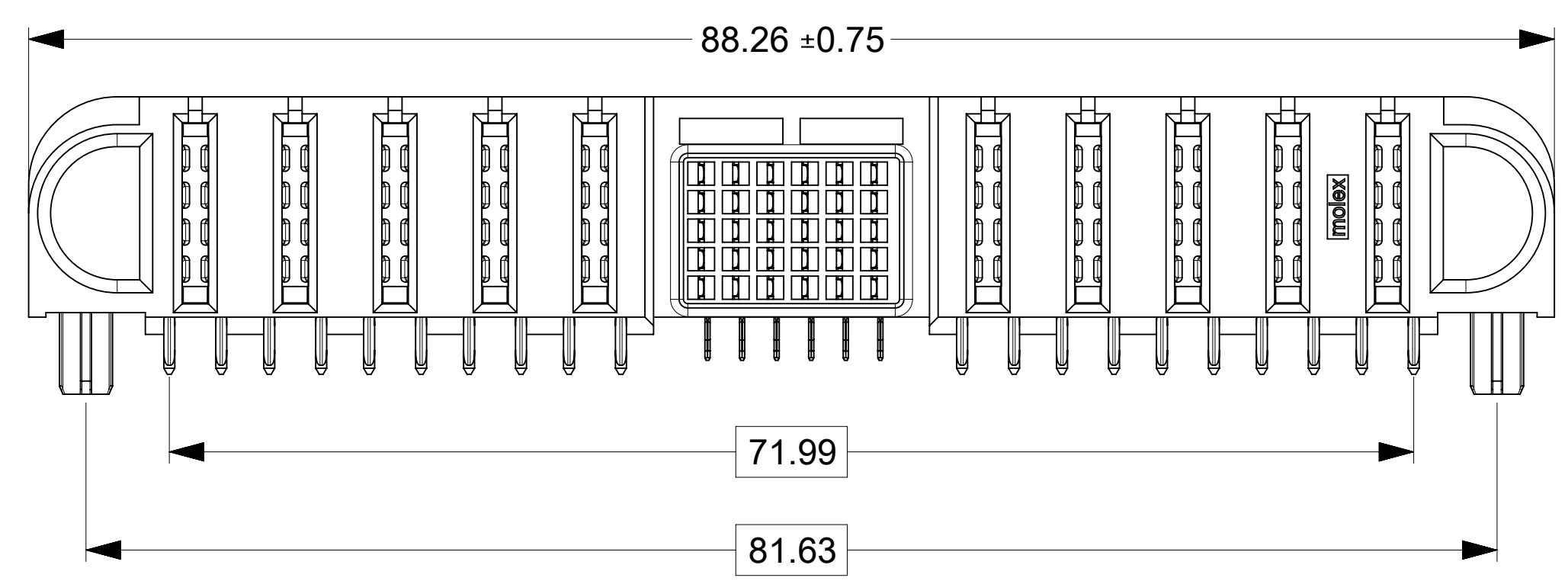
PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0028	G+3P+30S+3P+G	60



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0029	G+4P+30S+4P+G	45



PART NUMBER	CONFIGURATION	QUANTITY PER CARTON (DU)
219564-0030	G+5P+30S+5P+G	30



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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
		SERIES	219564
		MATERIAL NUMBER	SEE CHART
		CUSTOMER	
		SHEET NUMBER	2 OF 2

# molex

GUARDIAN HD REC DUAL POWER SIGNAL CENTER PF

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2195649002-SD	PSD	000	A3

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