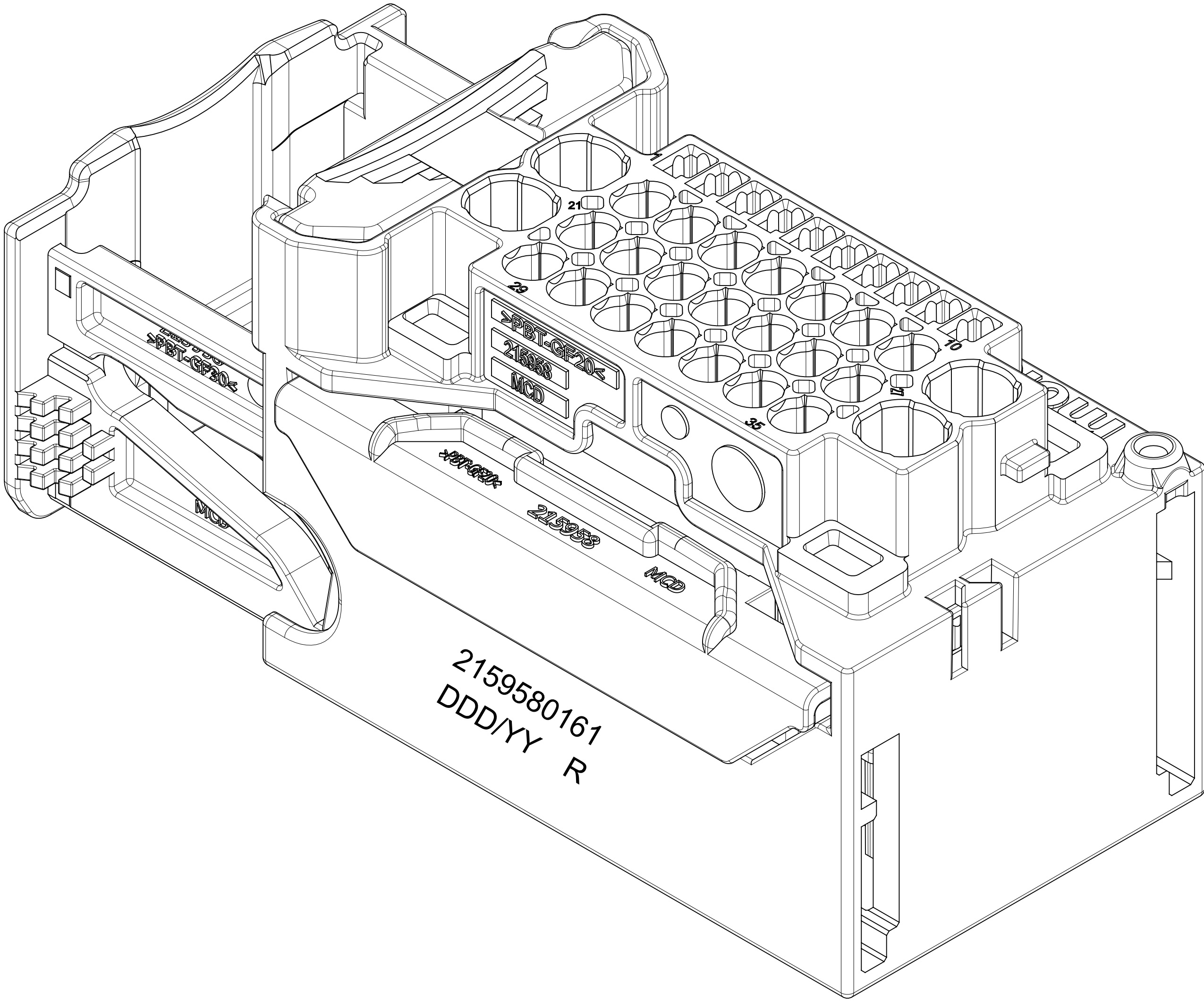


MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	DHG	2023-03-02
A1	DIM A.7 FROM 2.7 +/-0.075 TO 2.7 +/-0.08 FROM RESTRICTED PRODUCT SALES DRAWING TO PRODUCT SALES DRAWING REATTACH x 2 DIM 25 MIN IN FULLY MATED POSITION	VJ	2023-07-26
A2	SHEET 3 : ADD ASSOCIATED PARTS TABLE WITH SUPPLIER P/N	VJ	2024-02-21



- NOTES:
1. GENERAL:
- 1.1 PRODUCT SPECIFICATION: 2159580000-PS
 - 1.2 TEST SUMMARY: XXXXXXXXXX-TS
 - 1.3 APPLICATION SPECIFICATION: 2159580000-AS
 - 1.4 PACKAGING SPECIFICATION: 2159580150-PK
 - 1.5 COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 - 1.6 MATES WITH : BLADE CONNECTOR DRAWING 2159580250-SD
 - 1.7 CONNECTOR MATING FORCE ALLOWED : 60 N MAXI
 - 1.8 WEIGHT (GRAMS) : 27.0 g
 - 1.9 THE RCPT HOUSING SHOWN IS KEYING A
2. DESIGN - MATERIALS:
- SEE TABLE ON SHEET N°3

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: SEE REVISION TABLE				molex			
mm		2.5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet				35CKT HYB STD_ASSY RCPT HSG			
ANGULAR TOL		± 2°									
4 PLACES		± 0.03000									
3 PLACES		± 0.0300									
2 PLACES		± 0.050									
1 PLACE		± 0.10									
0 PLACES		± 0.15									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A1-SIZE		215958		SEE SHEET 3	
										CUSTOMER	
										GENERAL MARKET	
										SHEET NUMBER	
										1 OF 4	

KEYING DEFINITION

Technical drawing of the rear view of the 24-port RJ45 patch panel. The drawing shows the internal wiring structure with 24 ports arranged in two rows of 12. Dimensions are provided for the overall width and height, and for the spacing between the ports. The width is 41.20 ±0.05 (2x) A.21. The height is 2.850 ±0.075 (2x) A.24 and 4.200 ±0.075 (2x) A.23. The spacing between the ports is 0.975 ±0.075 (2x) A.26 and 2.325 ±0.075 (2x) A.25.

Technical drawing of the front view of the 1200mm wide door for the 1200mm wide cabinet. The drawing shows a detailed view of the door's internal structure, including the handle mechanism and the locking system. Dimensions are provided for the overall width, the handle height, and the distance between the handle and the locking mechanism.

Dimensions:

- Overall width: $41.20^{+0.05}_{-0.05}$ (2x) (A.9)
- Handle height: $0.750^{+0.075}_{-0.075}$ (2x) (A.13)
- Distance between handle and locking mechanism: $2.700^{+0.075}_{-0.075}$ (2x) (A.12)
- Distance between locking mechanisms: $4.200^{+0.075}_{-0.075}$ (2x) (A.11)

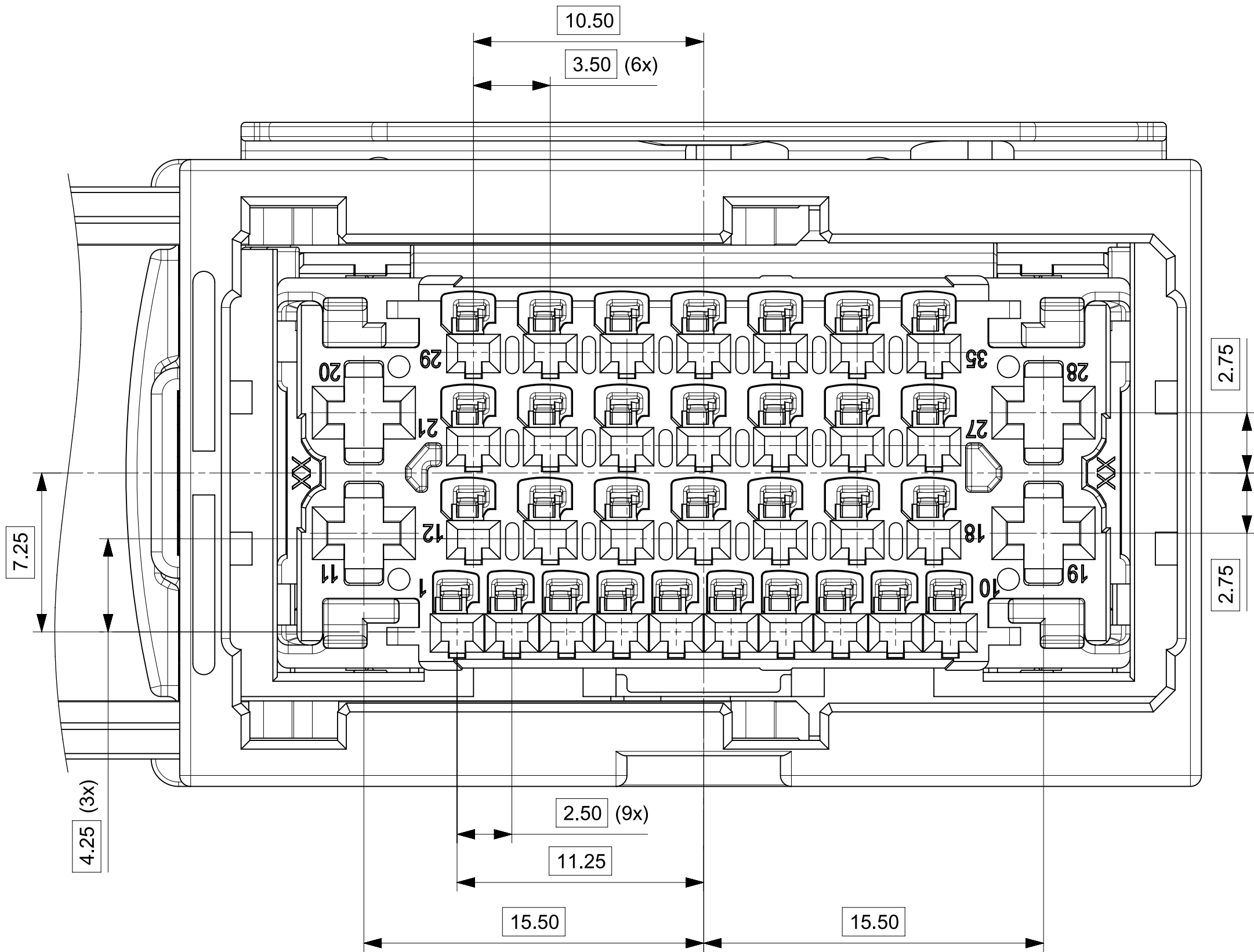
Technical drawing of the rear view of the 16-pin connector housing. The drawing shows the internal structure with 16 pins. Dimensions and tolerances are indicated:

- Overall width: 41.20 ± 0.05 (2x) (A.15)
- Pin pitch (center-to-center): 2.700 ± 0.075 (2x) (A.18)
- Pin width: 0.975 ± 0.075 (2x) (A.19)
- Pin height (from housing base): 2.475 ± 0.075 (2x) (A.20)
- Pin height (from mounting surface): 4.200 ± 0.075 (2x) (A.17)

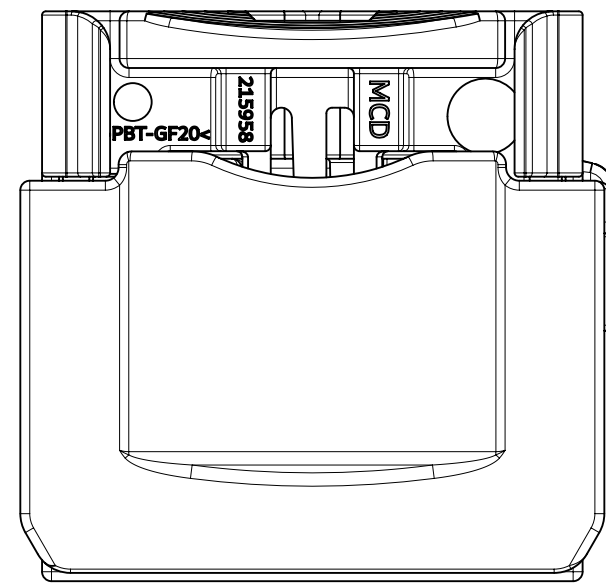
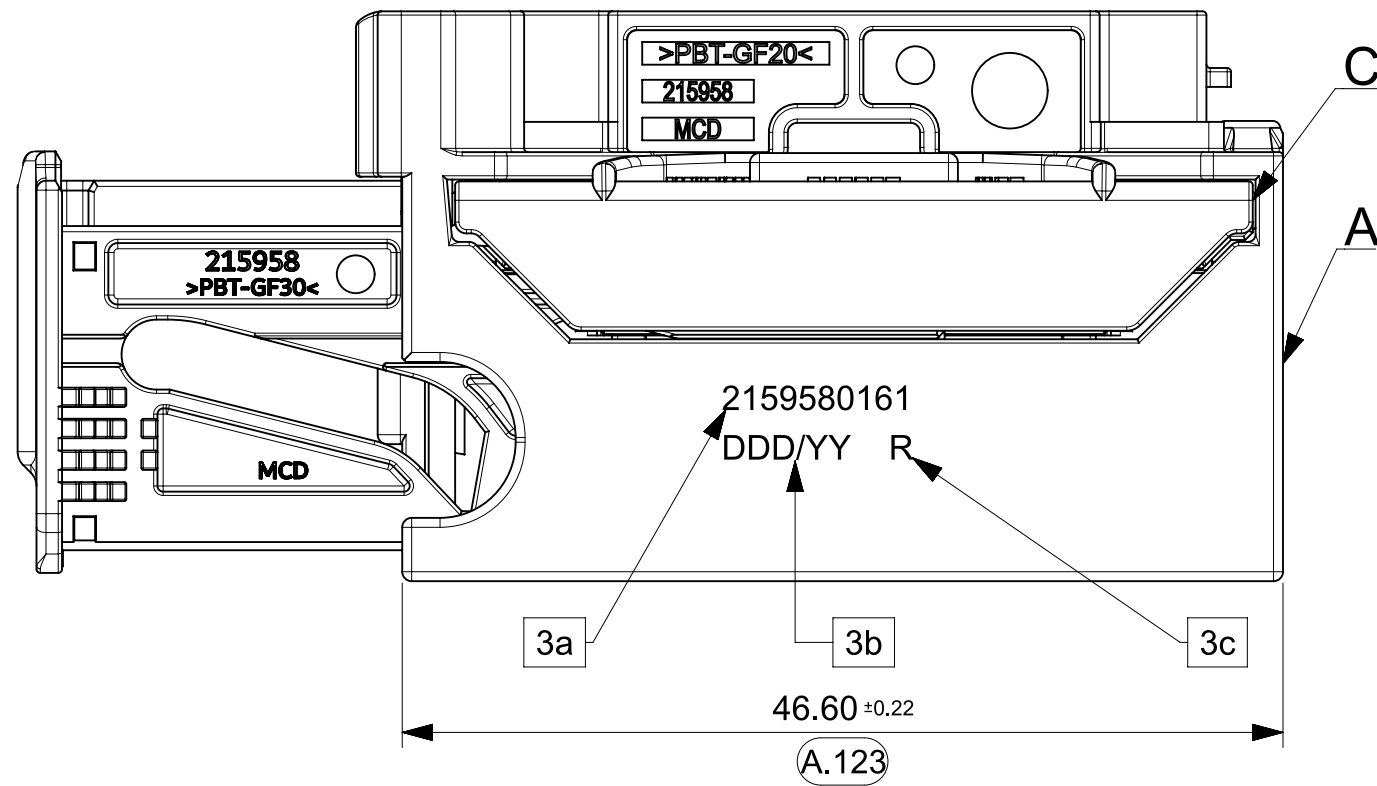
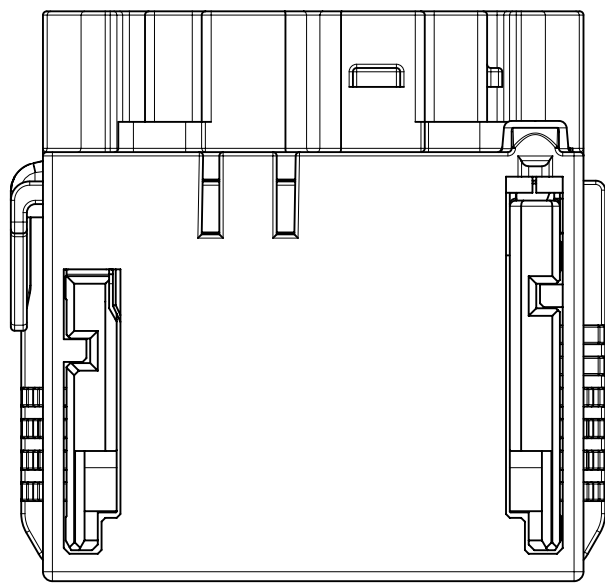
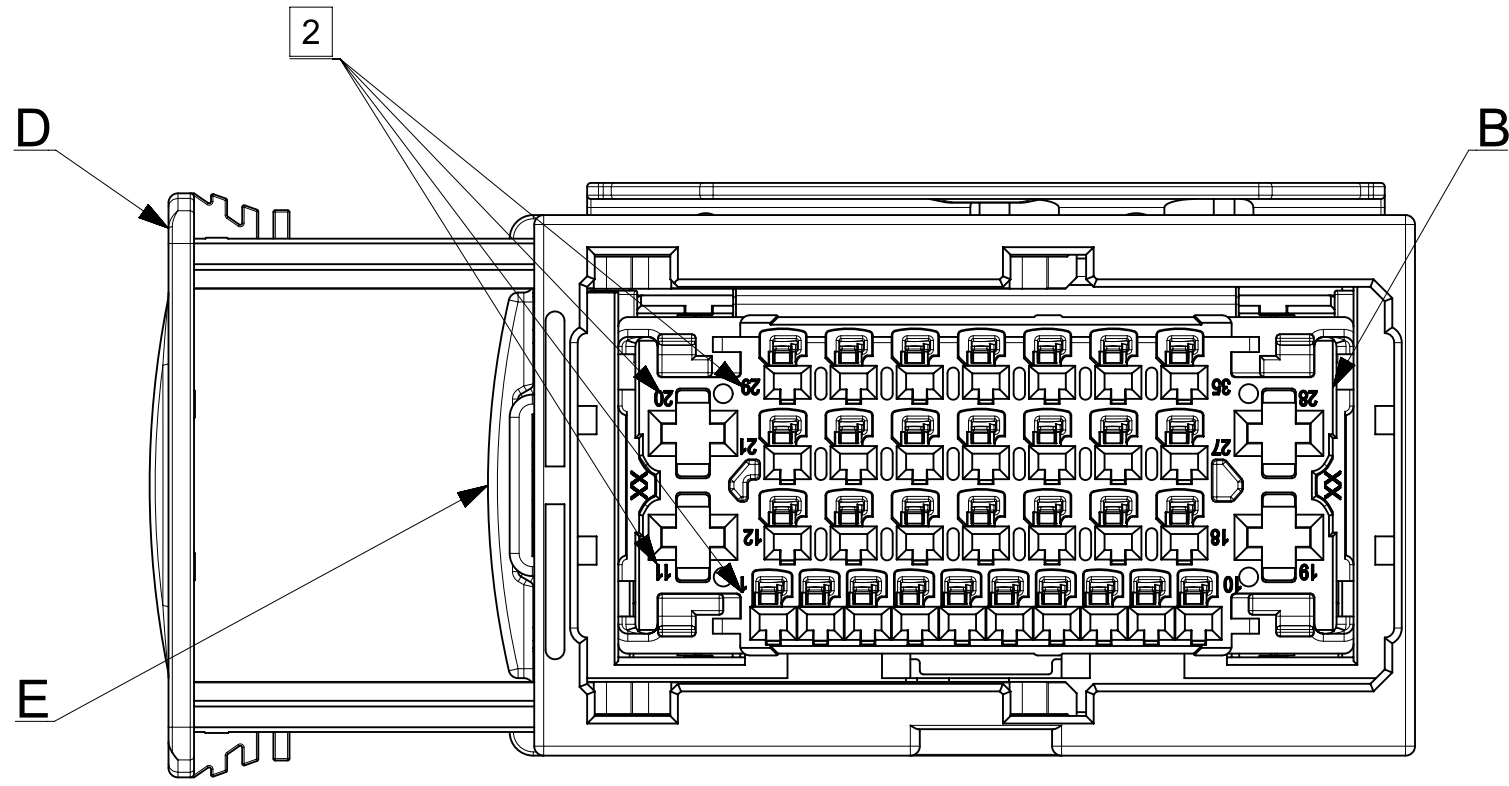
This technical drawing shows the rear view of the device. The internal circuit board is populated with a dense array of components, including integrated circuits, capacitors, and other electronic parts. A large, multi-pin connector is visible on the left side, and various other connectors and mounting points are distributed across the board. The device is shown in a perspective view, highlighting its rectangular shape and the internal layout.

18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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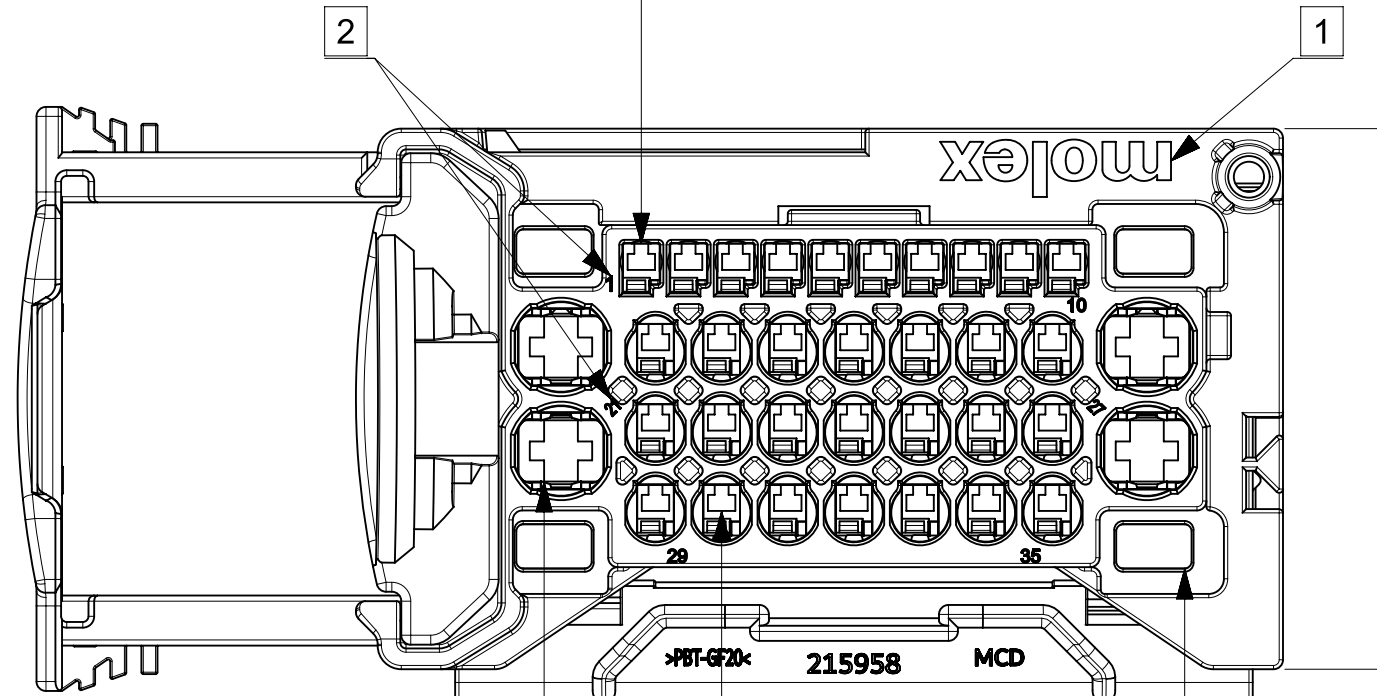
CAVITIES LOCATION



PRODUCT DEFINITION



10x AK 120 CAVITIES SECTION 0.75 mm² MAX
(TERMINAL CAVITIES N° 1 TO 10)



4x MCP 280 CAVITIES
(TERMINAL CAVITIES 11, 19, 20 AND 28)

21x AK 120 CAVITIES SECTION 1.5 mm² MAX
(TERMINAL CAVITIES 12 TO 18, 21 TO 27 AND 29 TO 35)

4x ULTRASONIC WELDINGS

COMPONENTS

POS.	QTY	DESCRIPTION	MATERIAL	COLOR
A	1	35CKT HYB STD RCPT CONN HSG	PBT-GF20	FOLLOWING KEYING
B	1	35CKT HYB STD RCPT TERM HSG	PBT-GF20	BLACK
C	1	35CKT HYB STD RCPT ISL	PBT-GF20	NATURAL-WHITE FOR KEYINGS B C D E AND Z BLACK FOR KEYING A
D	1	SLIDER	PBT-GF30	BLACK
E	1	CPA	PBT-GF20	RED

ASSOCIATED PARTS

DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
OCS 120 FEMALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265283	TIN
	0.35 - 0.50	33265287	
	0.75 - 1.00	33265290	
MCON 1.2 FEMALE TERMINAL CB TE	1.50	33265291	
	0.35	1534594-1	
	0.5 - 0.75	1670144-1	
MCP 280 FEMALE TERMINAL TE	1.00 - 1.50	1452503-1	
	0.35 - 0.50	1-968880-1	
	0.75 - 1.00	1-968849-1	
	1.50 - 2.50	1-968851-1	
	3.00 - 4.00	1-968853-1	

MARKINGS

- 1 TRADE MARK
- 2 CAVITY ID
- 3 ASSY RECEPTACLE HOUSING LASER MARKING
 - 3a PART NUMBER
 - 3b DAY / YEAR
 - 3c MATED CONNECTOR REVISION

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DIMENSION UNITS

mm

SCALE

2.5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 2°

4 PLACES ± 0.03000

3 PLACES ± 0.0300

2 PLACES ± 0.050

1 PLACE ± 0.10

0 PLACES ± 0.15

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production

DRWN: Valerie Jouas

CHK'D: OlivierPlessis

APPR: Matthieu Huguet

2024-02-21

2024-02-28

2024-02-28

DOCUMENT NUMBER

2159580150-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A2

PRODUCT SALES DRAWING

DRAWING

A1-SIZE

SERIES

215958

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

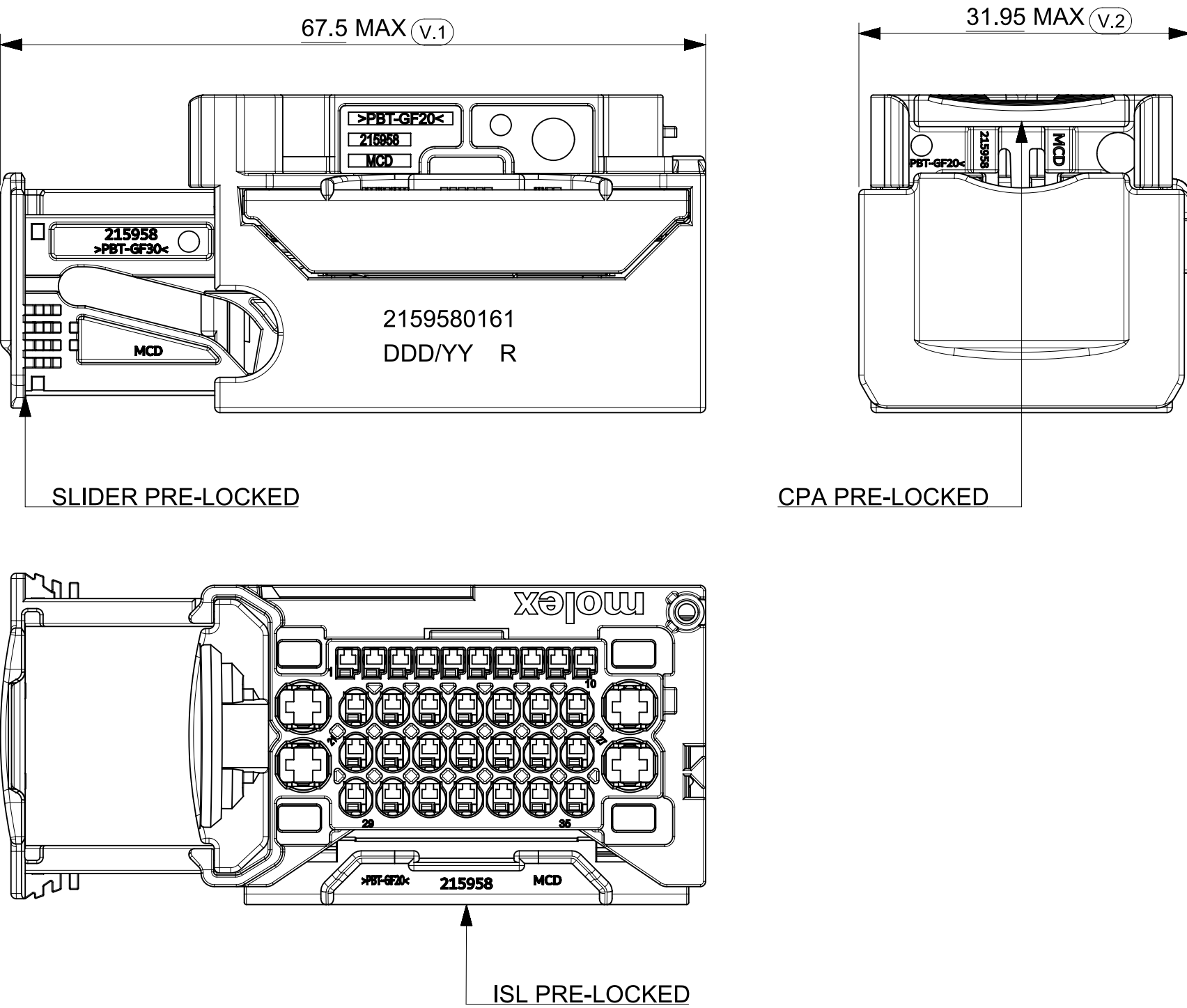
3 OF 4

molex

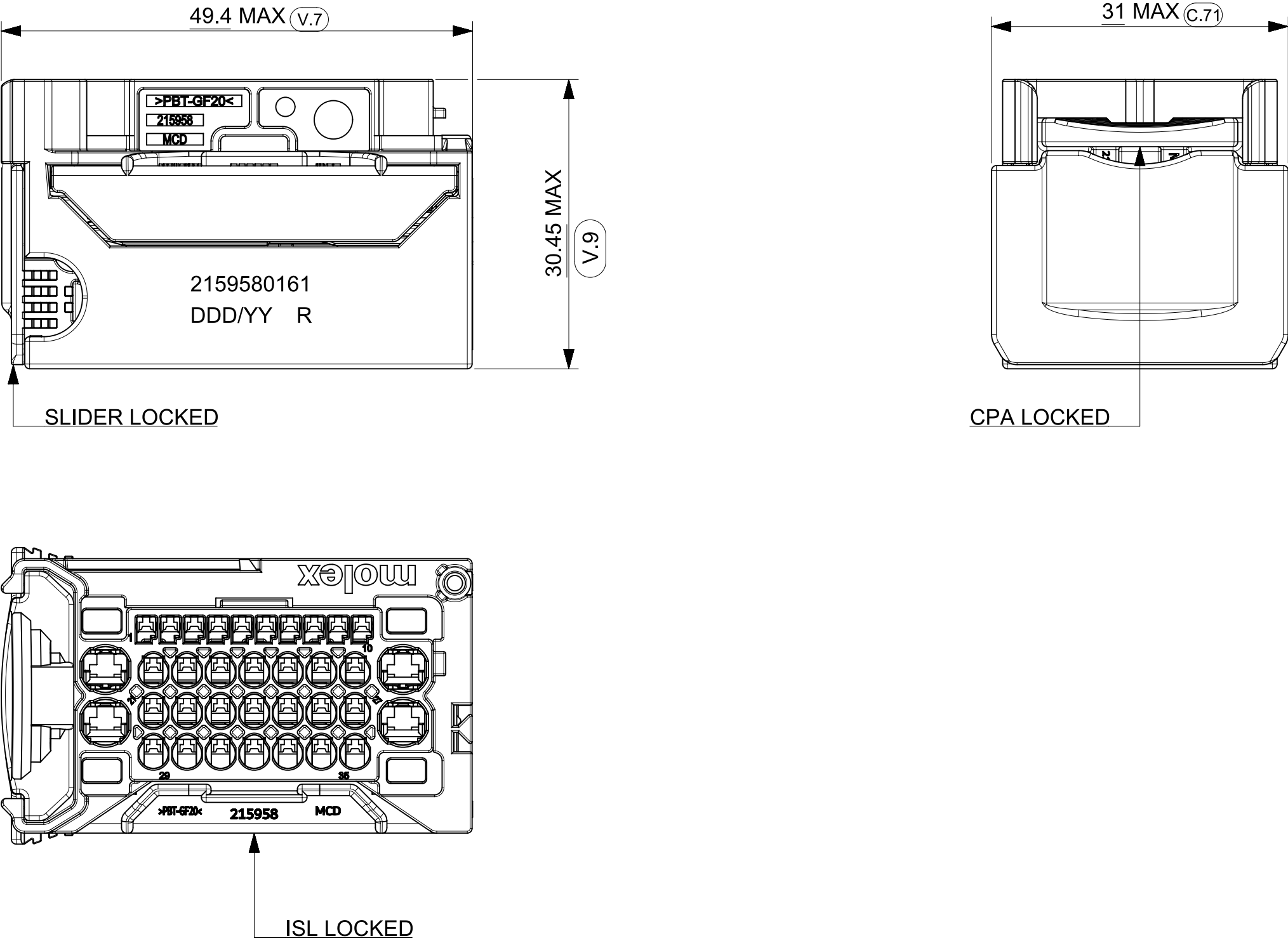
35CKT HYB STD_ASSY RCPT HSG

PRODUCT SALES DRAWING

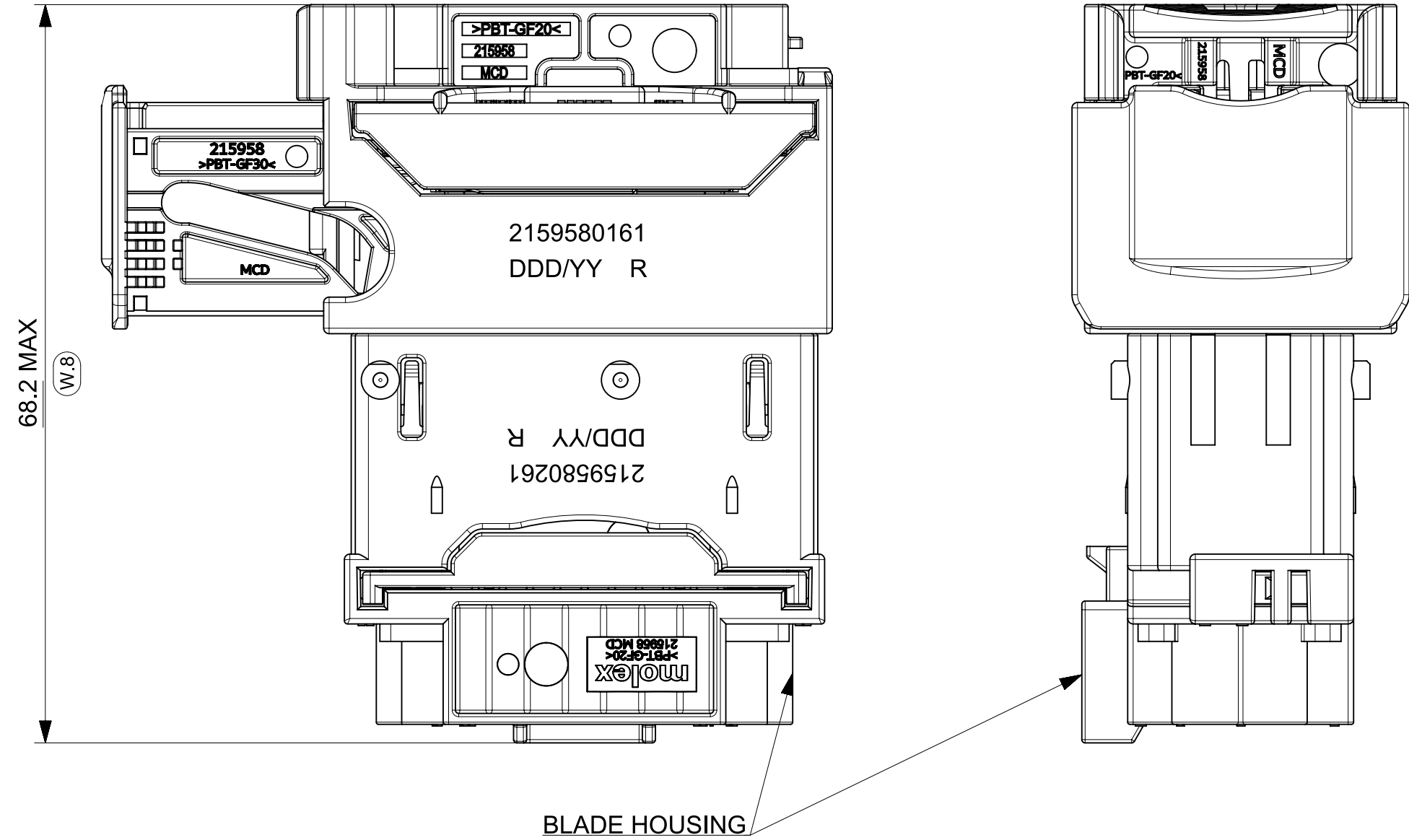
OVERALL RECEPTACLE HOUSING DIMENSIONS
DELIVERY POSITION



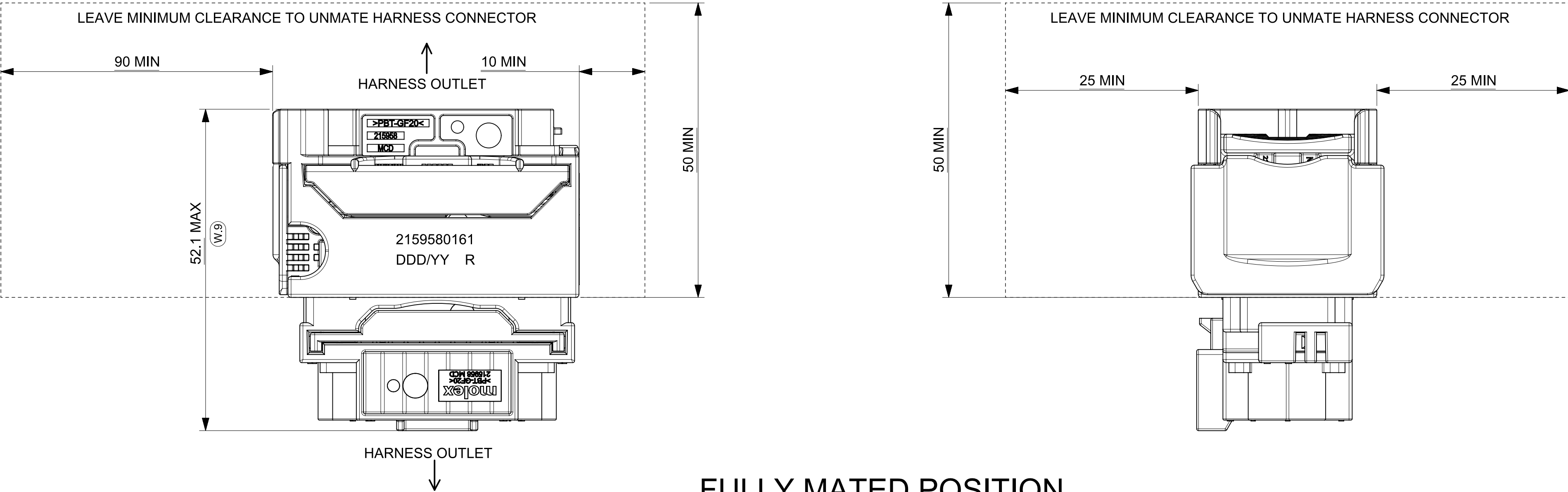
OVERALL RECEPTACLE HOUSING DIMENSIONS
ISL LOCKED / SLIDER LOCKED / CPA LOCKED



BEFORE MATING POSITION



OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS



FULLY MATED POSITION

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE													
mm		2:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex													
ANGULAR TOL ± 2°																	
4 PLACES		± 0.03000		35CKT HYB STD_ASSY RCPT HSG													
3 PLACES		± 0.0300															
2 PLACES		± 0.050		PRODUCT SALES DRAWING													
1 PLACE		± 0.10															
0 PLACES		± 0.15		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				STATUS: Production		2024-02-21		2159580150-SD				PSD		000		A2	
				DRWN: Valerie Jouas		2024-02-28		SEE SHEET 3						GENERAL MARKET		4 OF 4	
				CHK'D: OlivierPlessis		2024-02-28											
				APPR: Matthieu Huguet		2024-02-28											
FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER					
		A1-SIZE		215958													