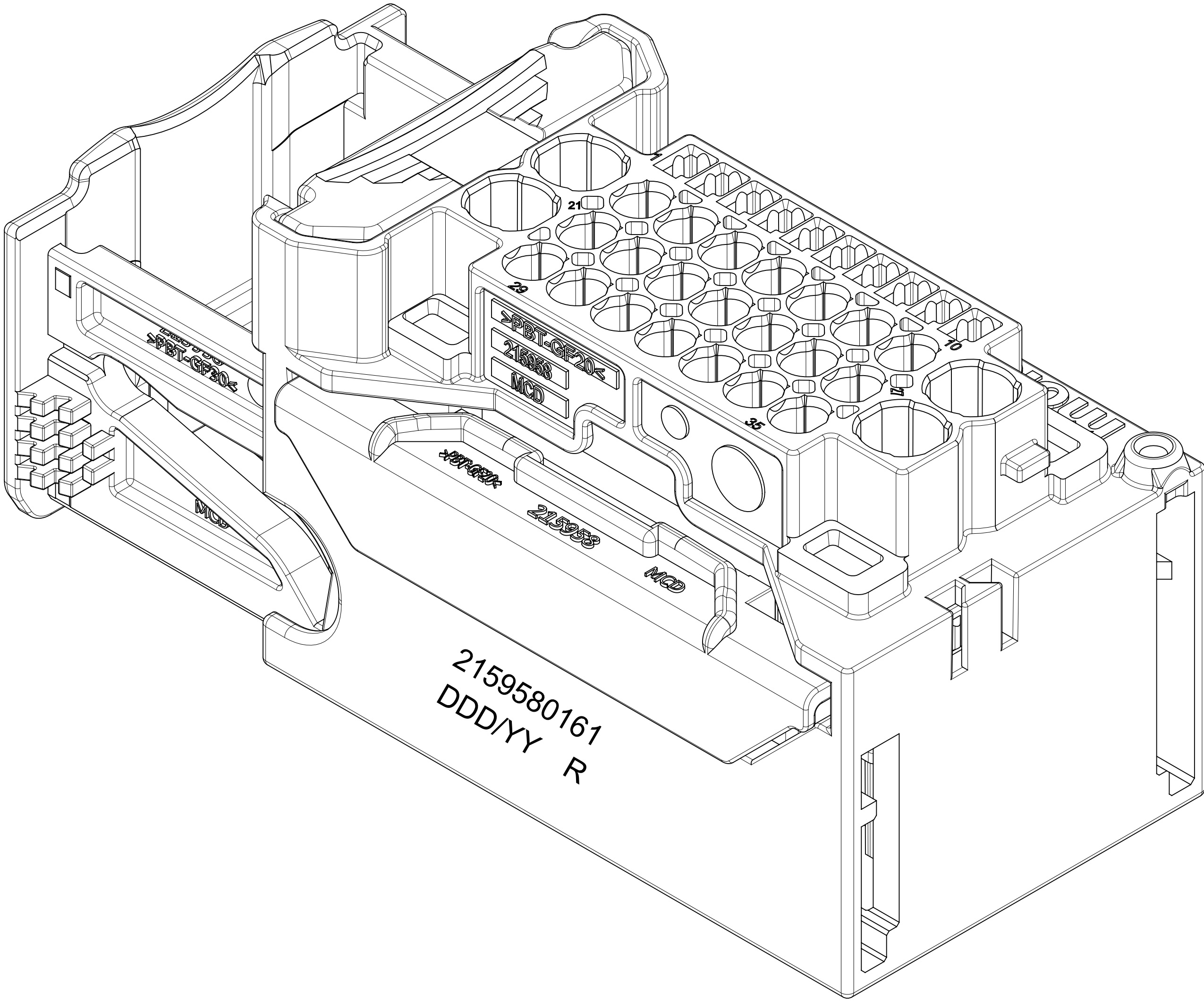


MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	DHG	2023-03-02
A1	DIM A.7 FROM 2.7 +/-0.075 TO 2.7 +/-0.08 FROM RESTRICTED PRODUCT SALES DRAWING TO PRODUCT SALES DRAWING REATTACH x 2 DIM 25 MIN IN FULLY MATED POSITION	VJ	2023-07-26
A2	SHEET 3 : ADD ASSOCIATED PARTS TABLE WITH SUPPLIER P/N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



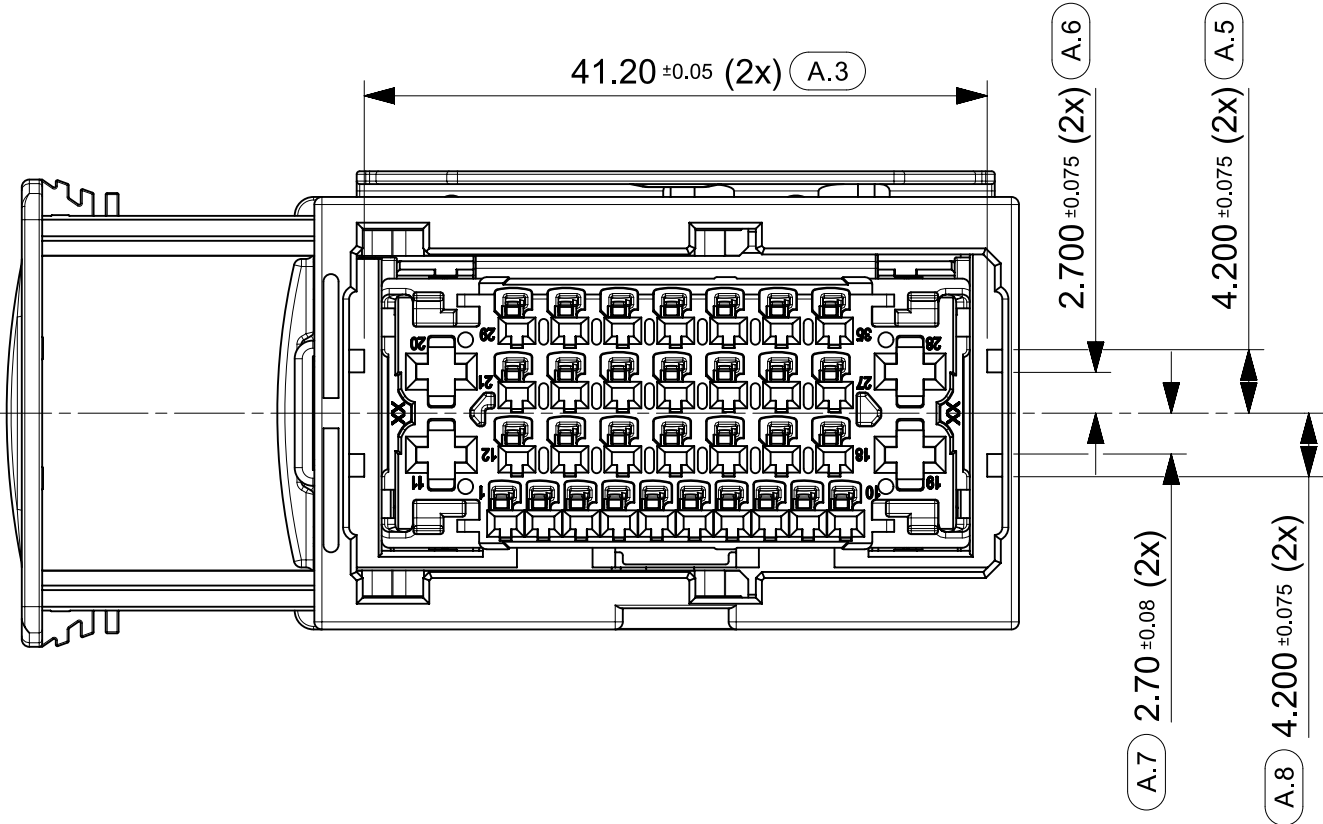
- NOTES:
- GENERAL:
 - PRODUCT SPECIFICATION: 2159580000-PS
 - TEST SUMMARY: XXXXXXXXXX-TS
 - APPLICATION SPECIFICATION: 2159580000-AS
 - PACKAGING SPECIFICATION: 2159580150-PK
 - COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 - MATES WITH : BLADE CONNECTOR DRAWING 2159580250-SD
 - CONNECTOR MATING FORCE ALLOWED : 60 N MAXI
 - WEIGHT (GRAMS) : 27.0 g
 - THE RCPT HOUSING SHOWN IS KEYING A
 - DESIGN - MATERIALS:

SEE TABLE ON SHEET N°3

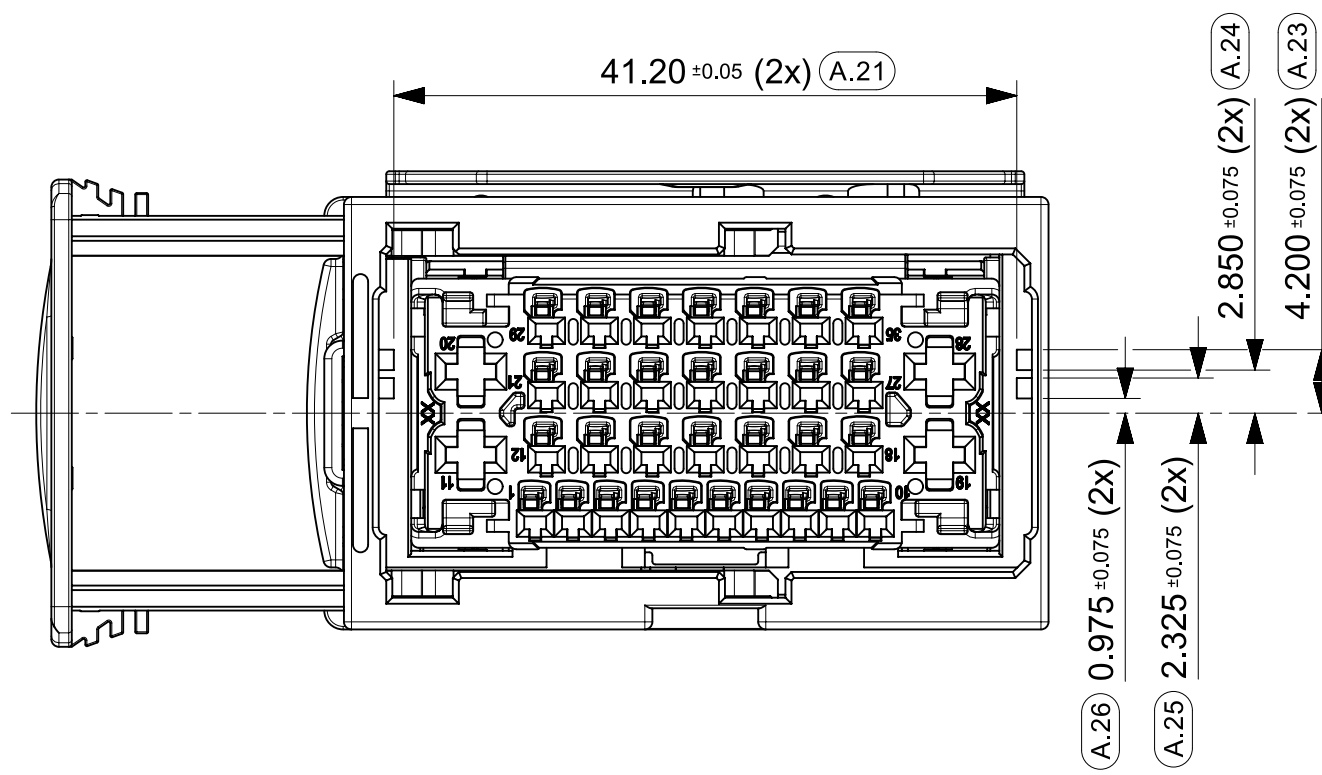
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex			
mm		2.5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production 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

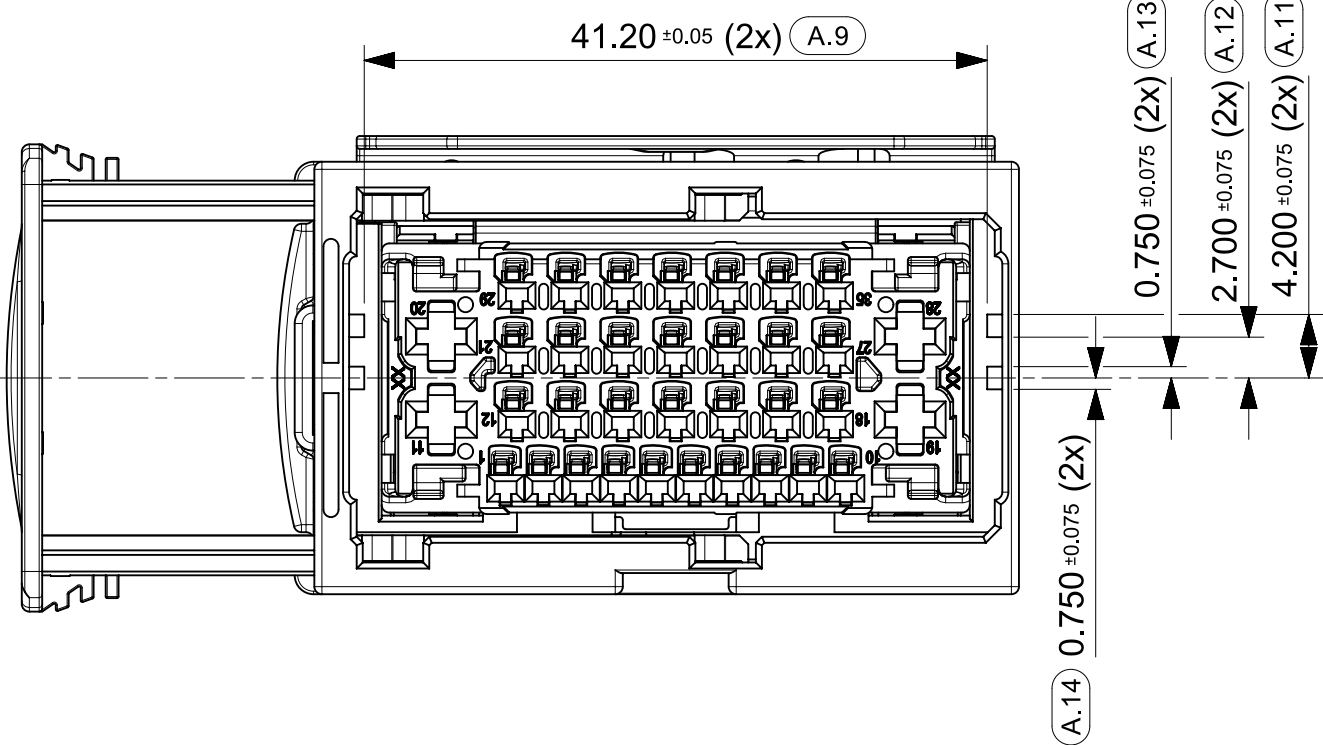
KEYING	A
MOLEX PART NUMBER	2159580161
COLOR	NATURAL WHITE
COMPATIBLE WITH BLADE HOUSING COLOR	NATURAL WHITE



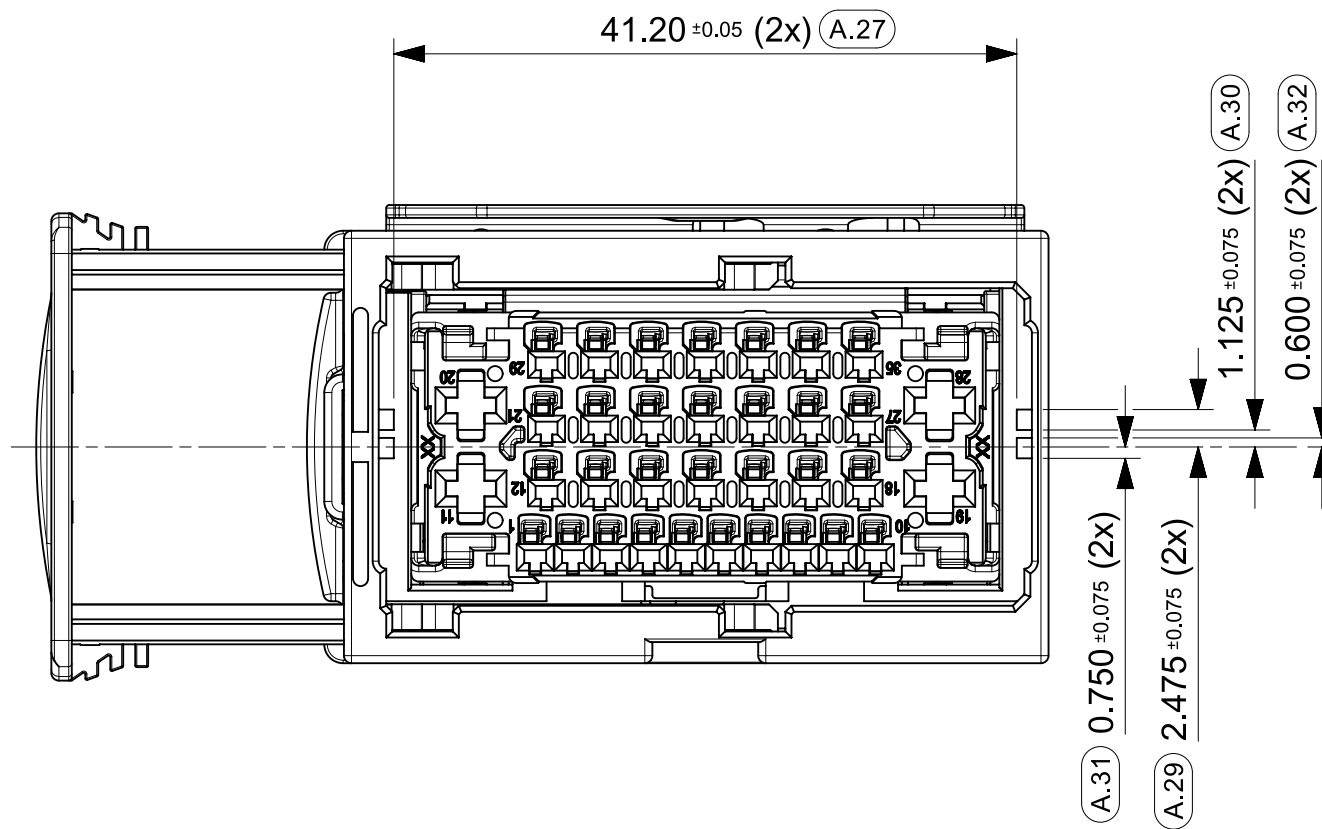
KEYING	D
MOLEX PART NUMBER	2159580164
COLOR	BLUE
COMPATIBLE WITH BLADE HOUSING COLOR	BLUE



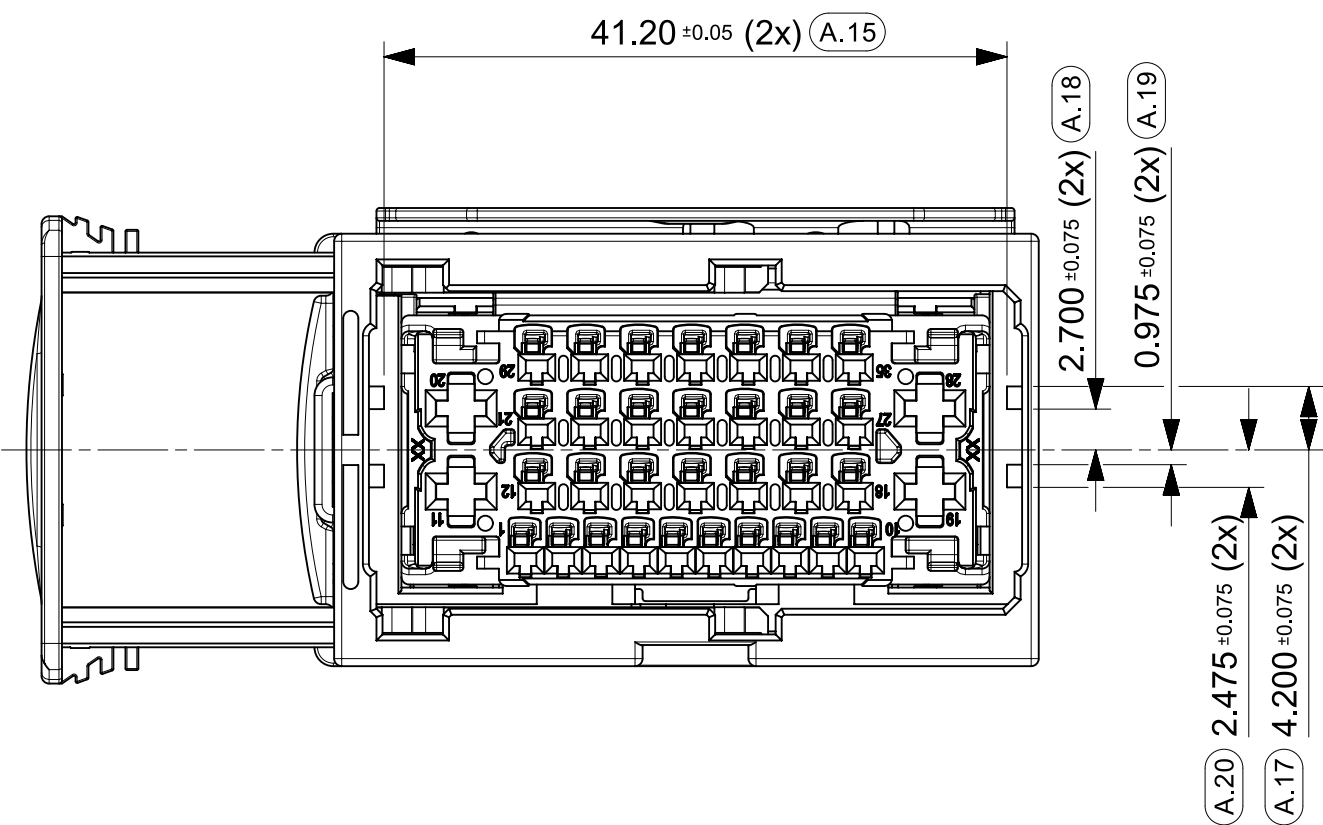
KEYING	B
MOLEX PART NUMBER	2159580162
COLOR	BLACK
COMPATIBLE WITH BLADE HOUSING COLOR	BLACK



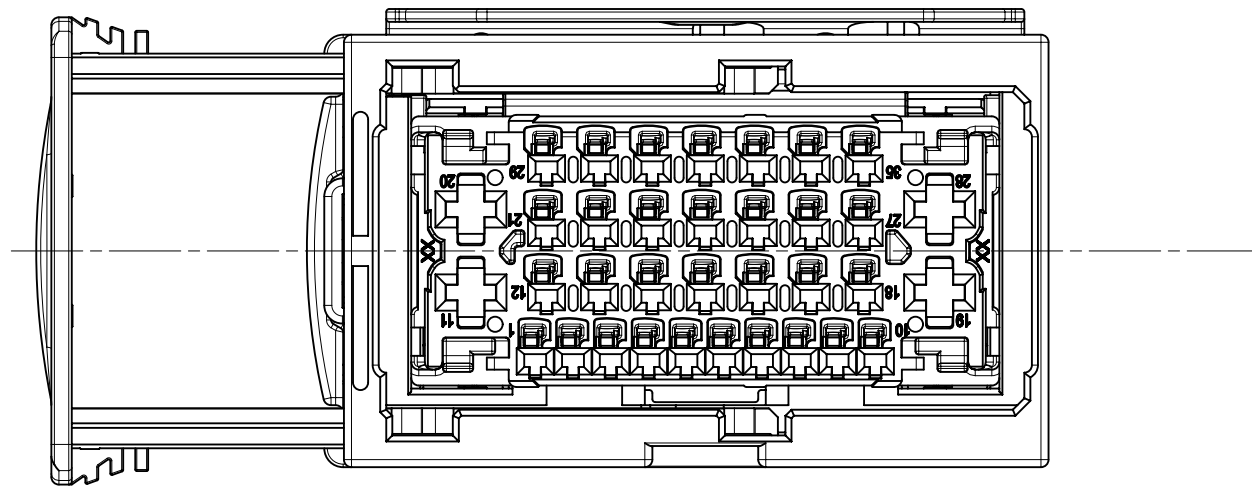
KEYING	E
MOLEX PART NUMBER	2159580165
COLOR	BROWN
COMPATIBLE WITH BLADE HOUSING COLOR	BROWN



KEYING	C
MOLEX PART NUMBER	2159580163
COLOR	GRAY
COMPATIBLE WITH BLADE HOUSING COLOR	GRAY



KEYING	Z
MOLEX PART NUMBER	2159580169
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



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DIMENSION UNITS	SCALE
mm	2:1
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	

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

FIRST ANGLE PROJECTION

A1-SIZE

SERIES

215958

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580150-SD	PSD	000	A2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	2 OF 4

molex

35CKT HYB STD_ASSY RCPT HSG

PRODUCT SALES DRAWING

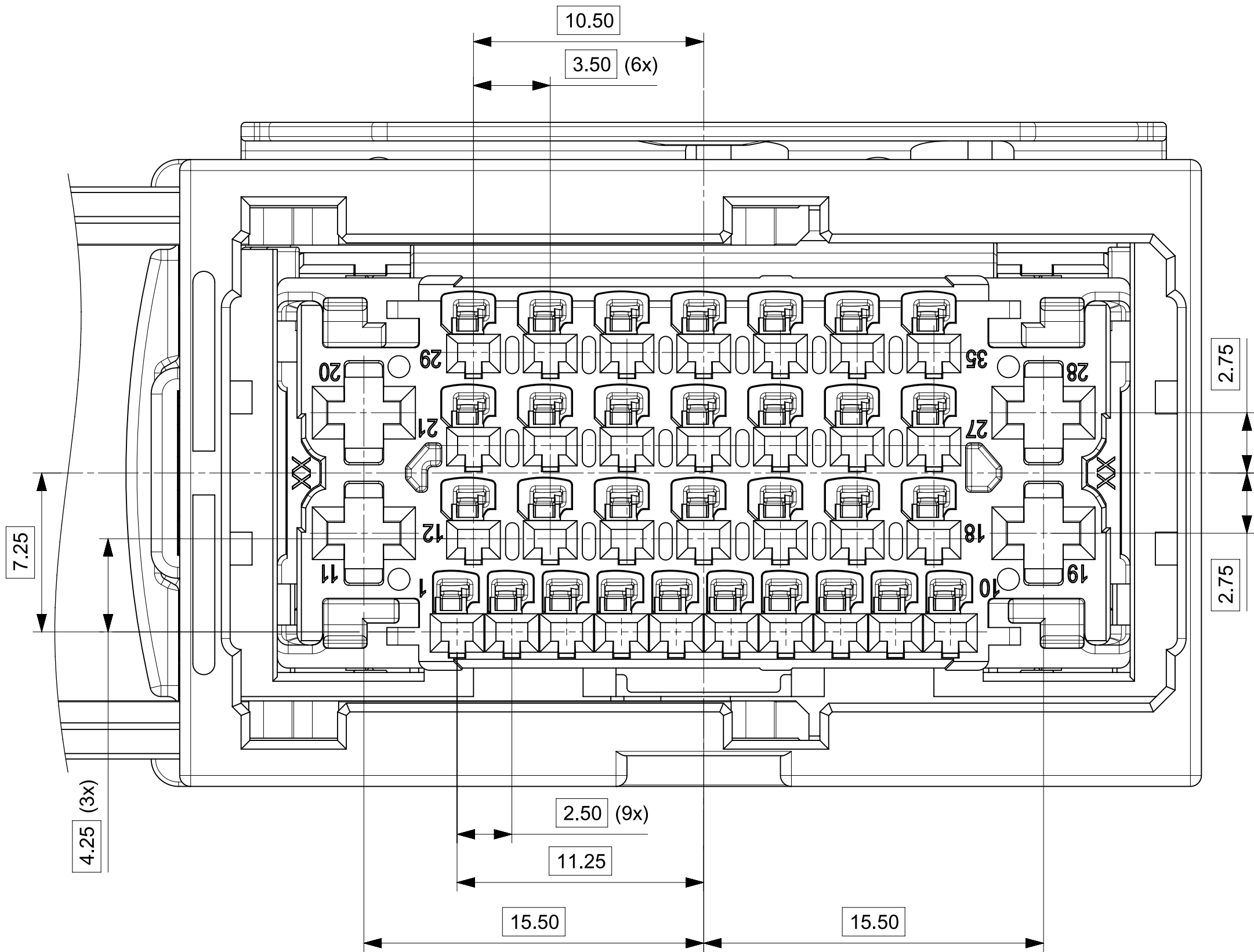
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580150-SD	PSD	000	A2

STATUS: Production
DRWN: Valerie Jouas
CHK'D: OlivierPlessis
APPR: Matthieu Huguet
2024-02-21
2024-02-28
2024-02-28

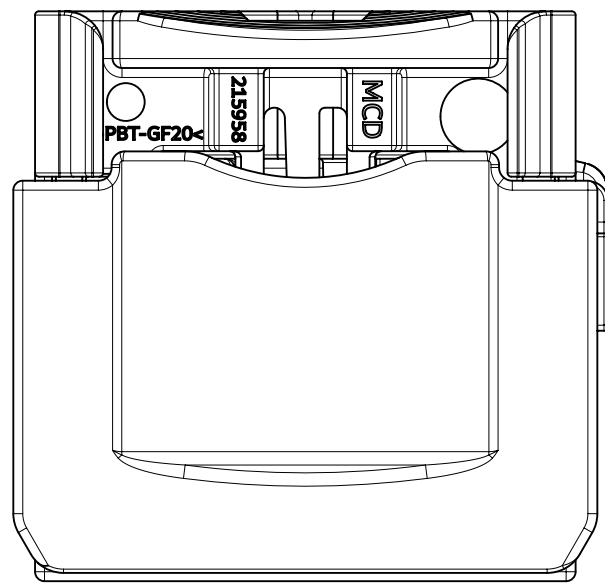
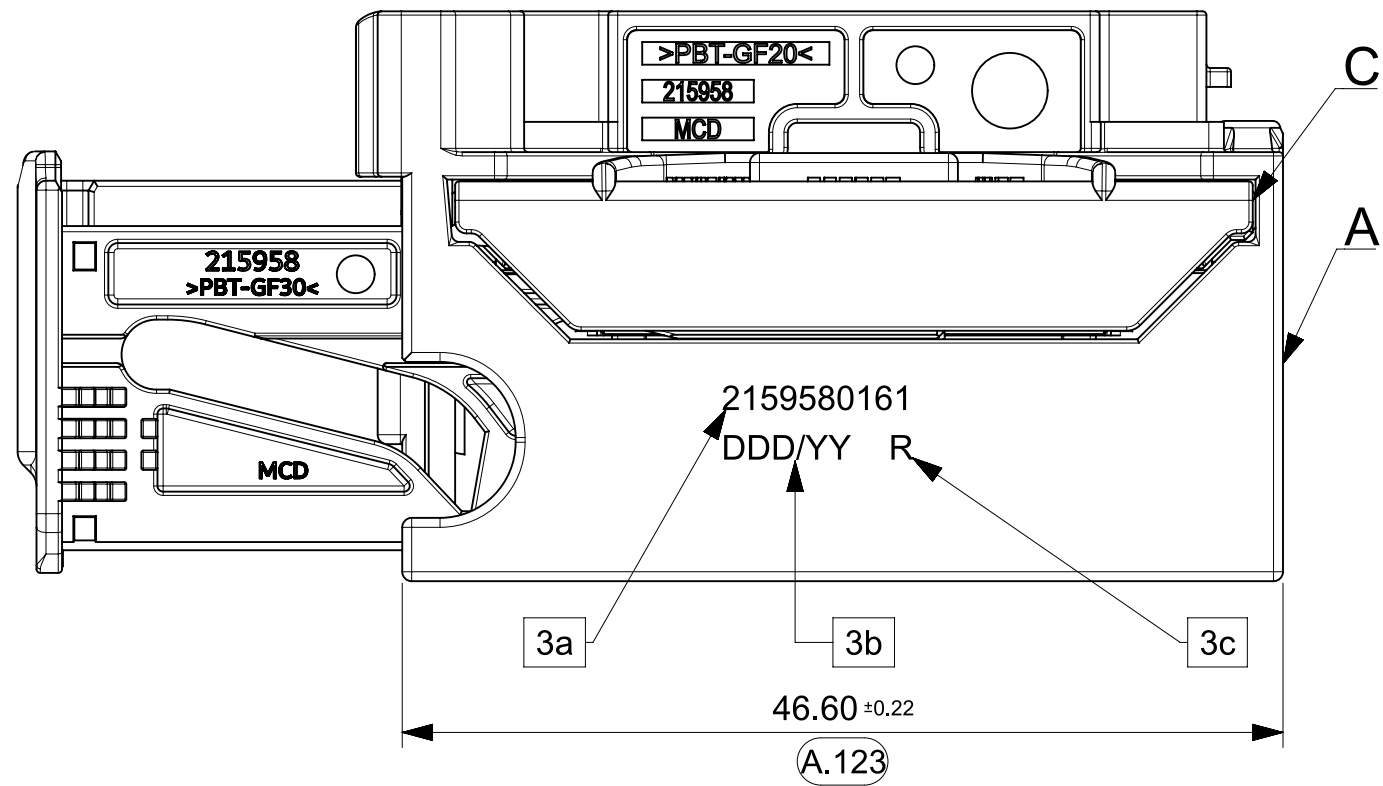
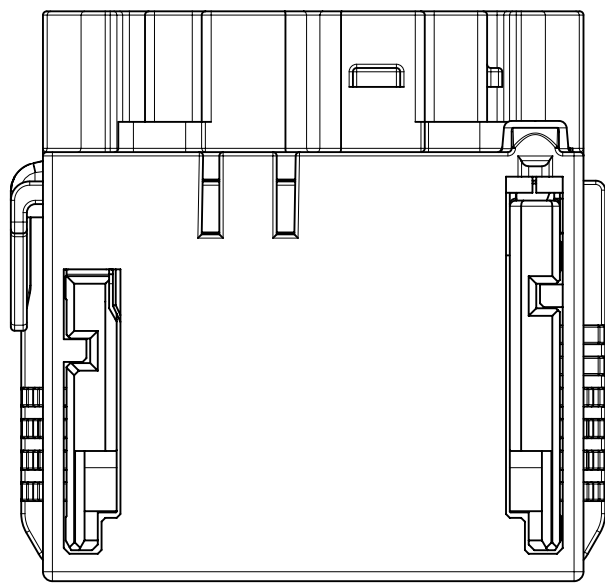
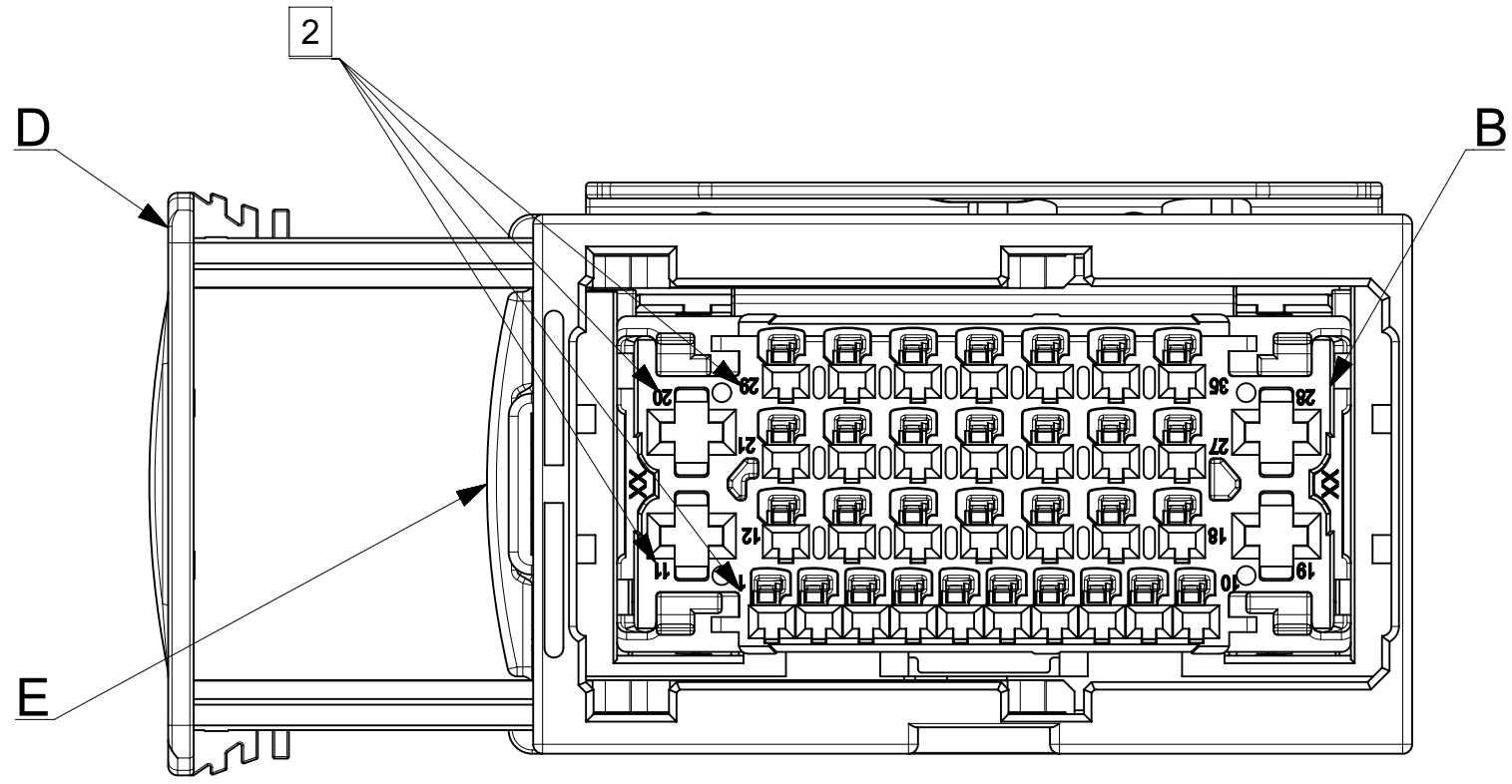
FIRST ANGLE PROJECTION
A1-SIZE
SERIES
215958

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	2 OF 4

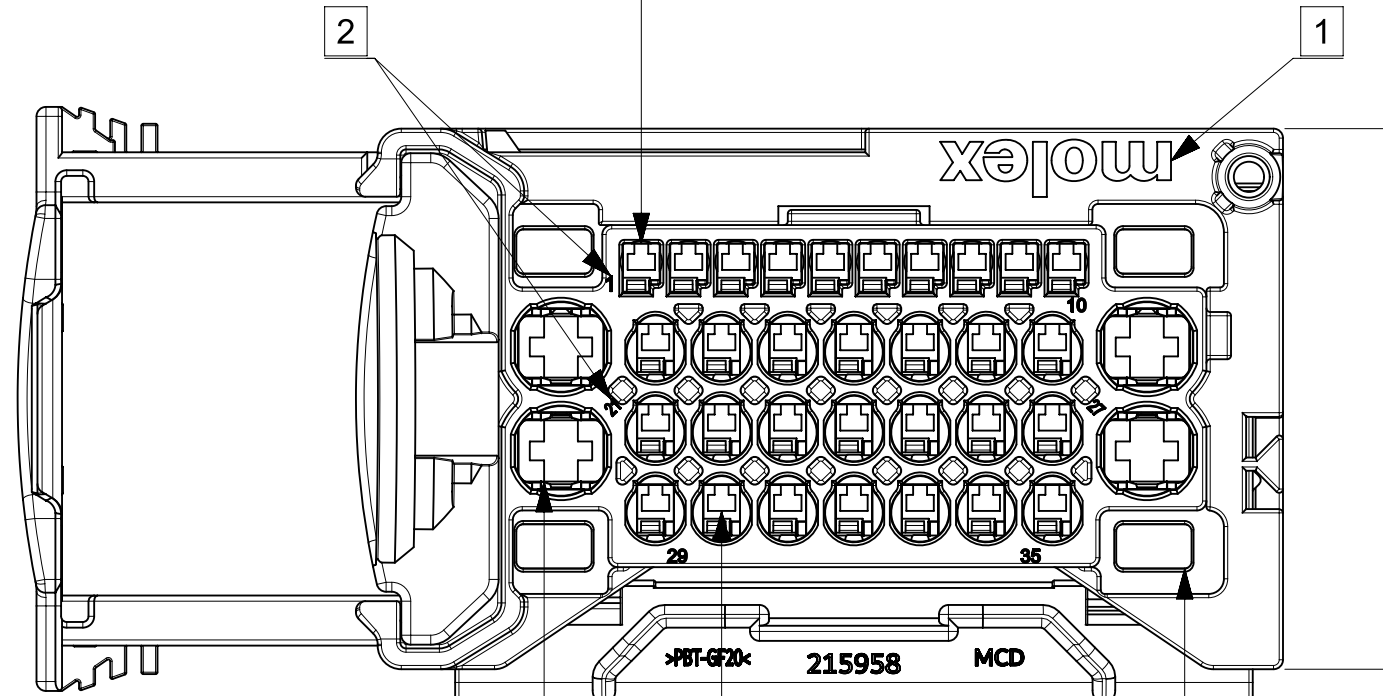
CAVITIES LOCATION



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

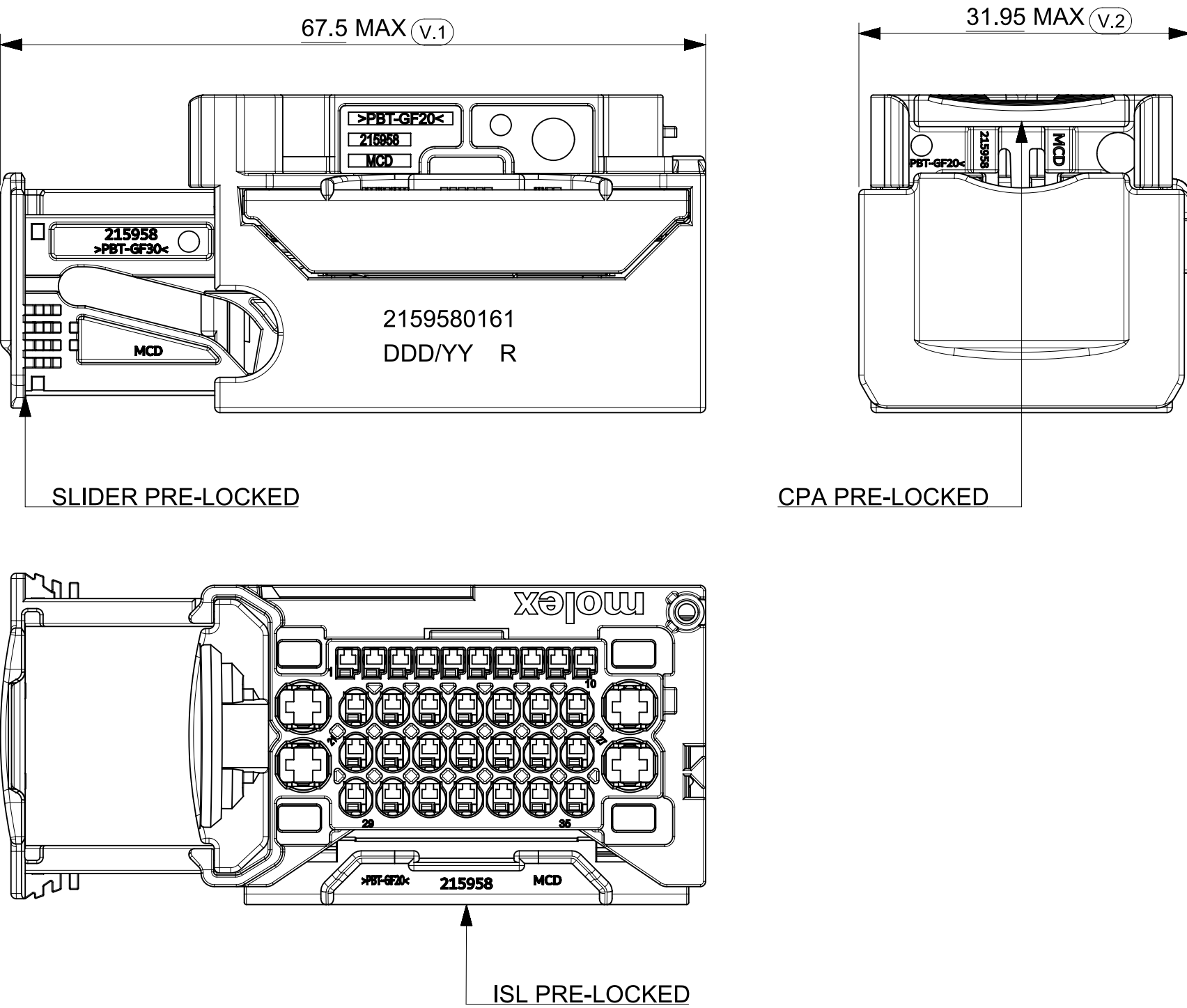
CUSTOMER

GENERAL MARKET

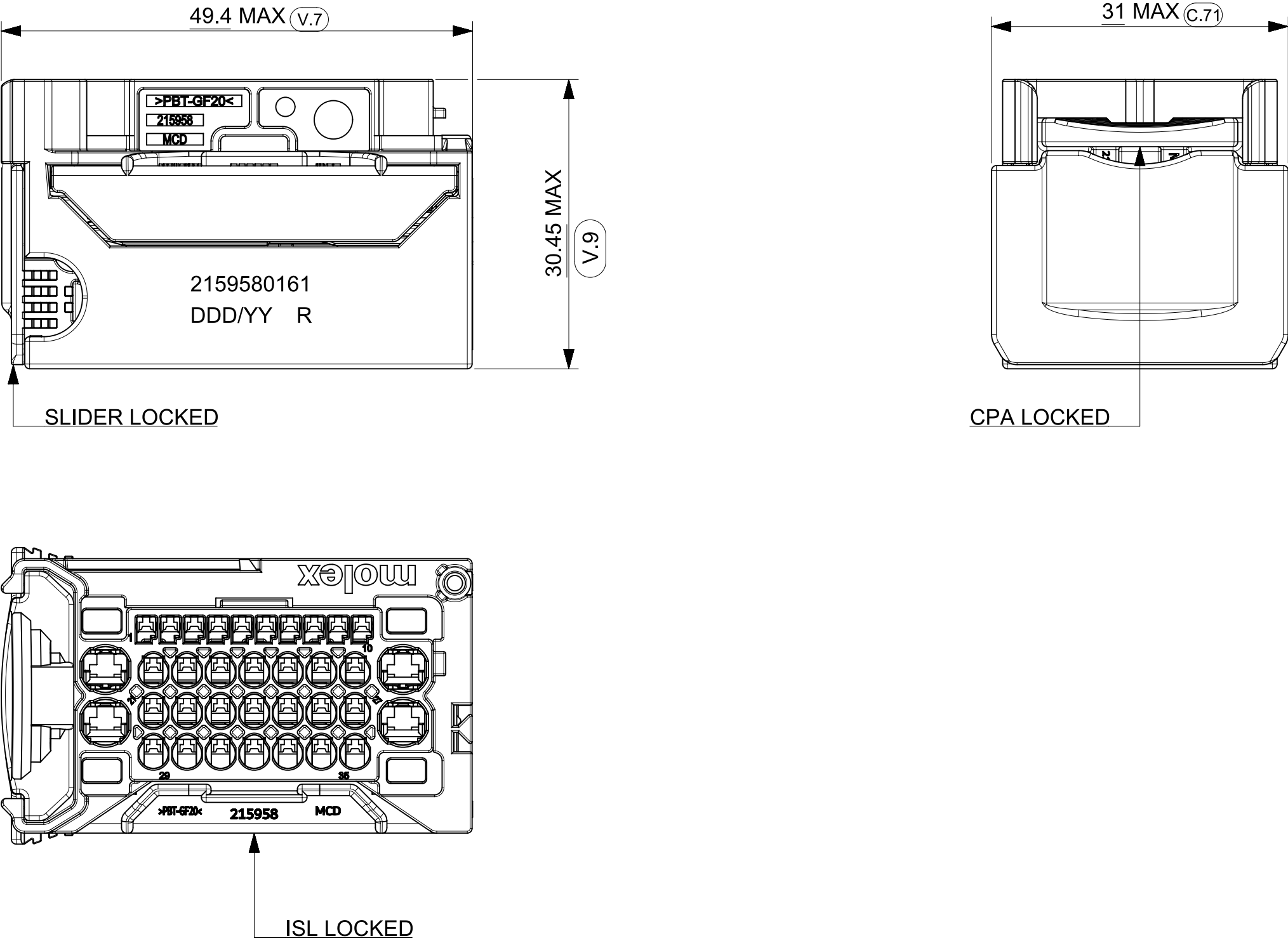
SHEET NUMBER

3 OF 4

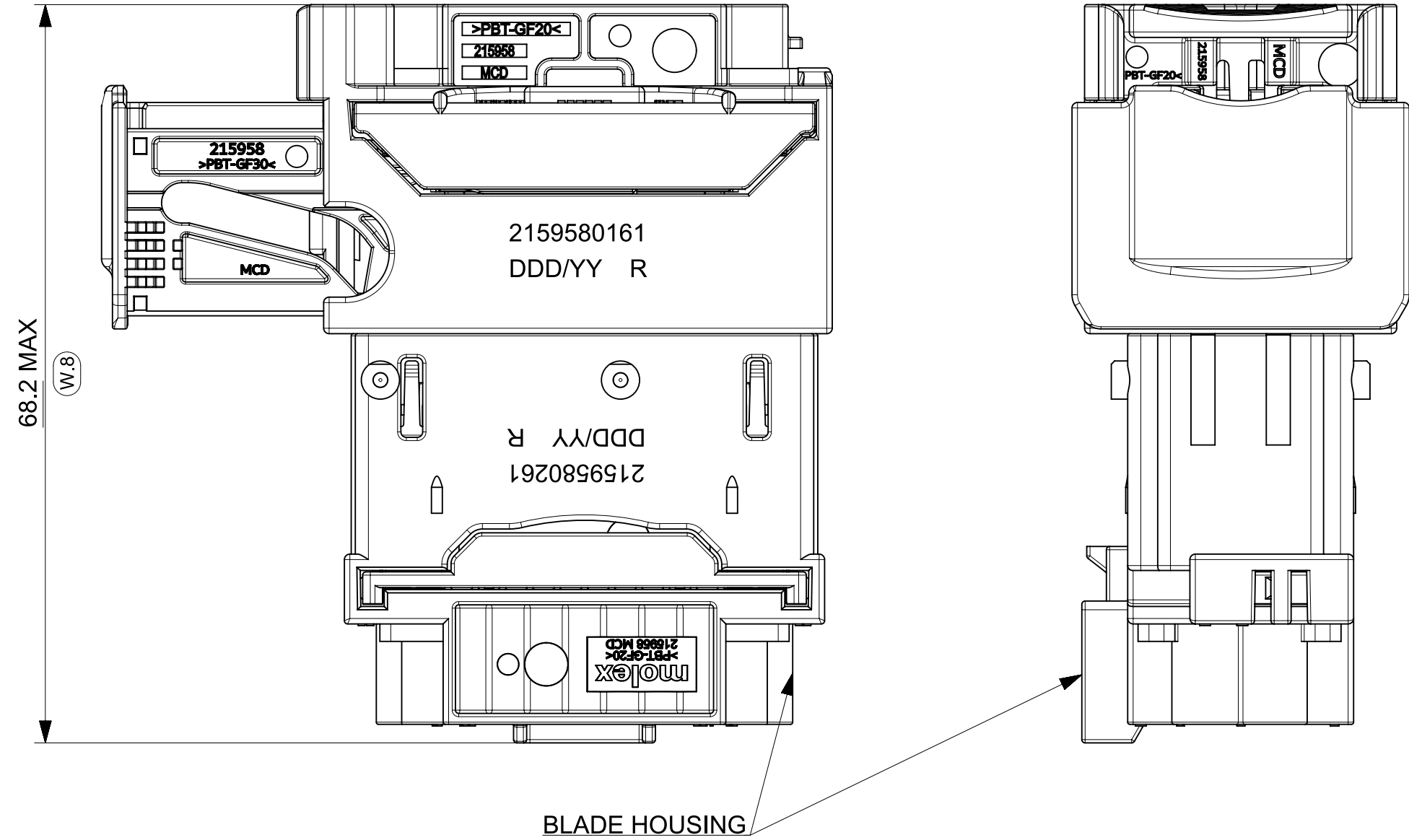
OVERALL RECEPTACLE HOUSING DIMENSIONS
DELIVERY POSITION



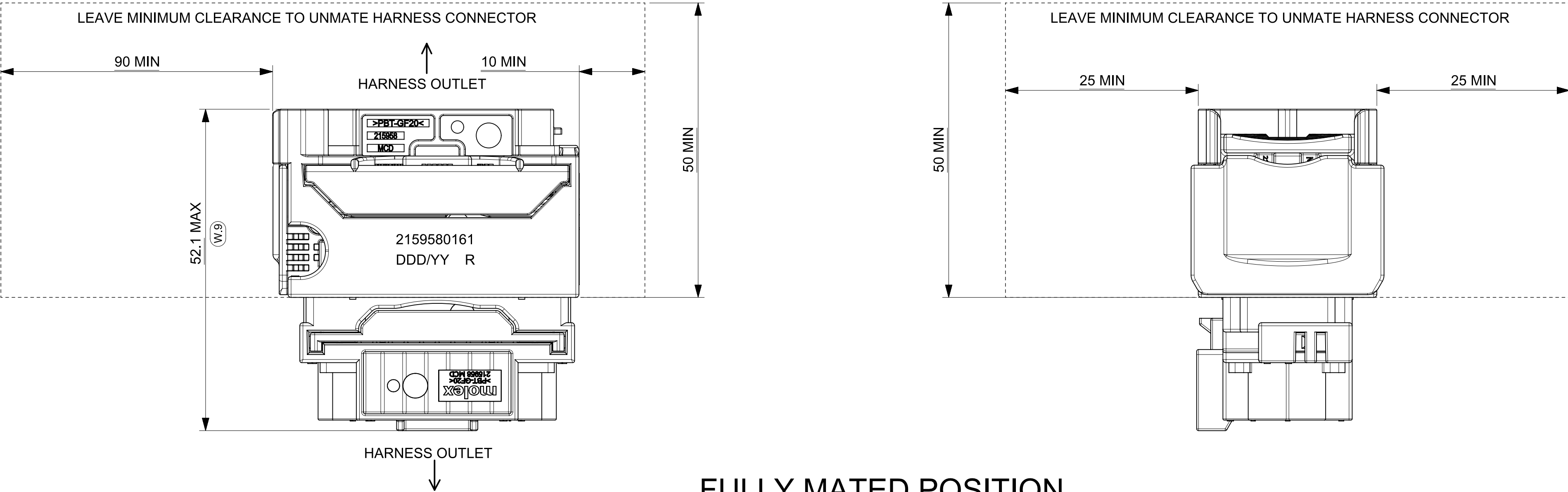
OVERALL RECEPTACLE HOUSING DIMENSIONS
ISL LOCKED / SLIDER LOCKED / CPA LOCKED



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