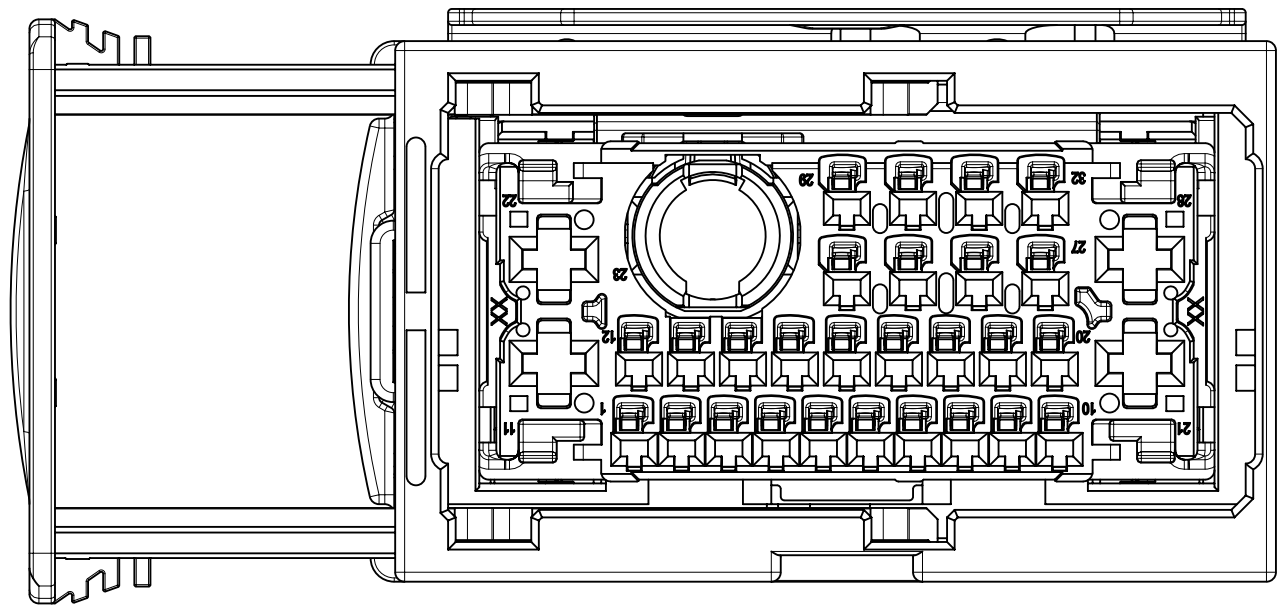
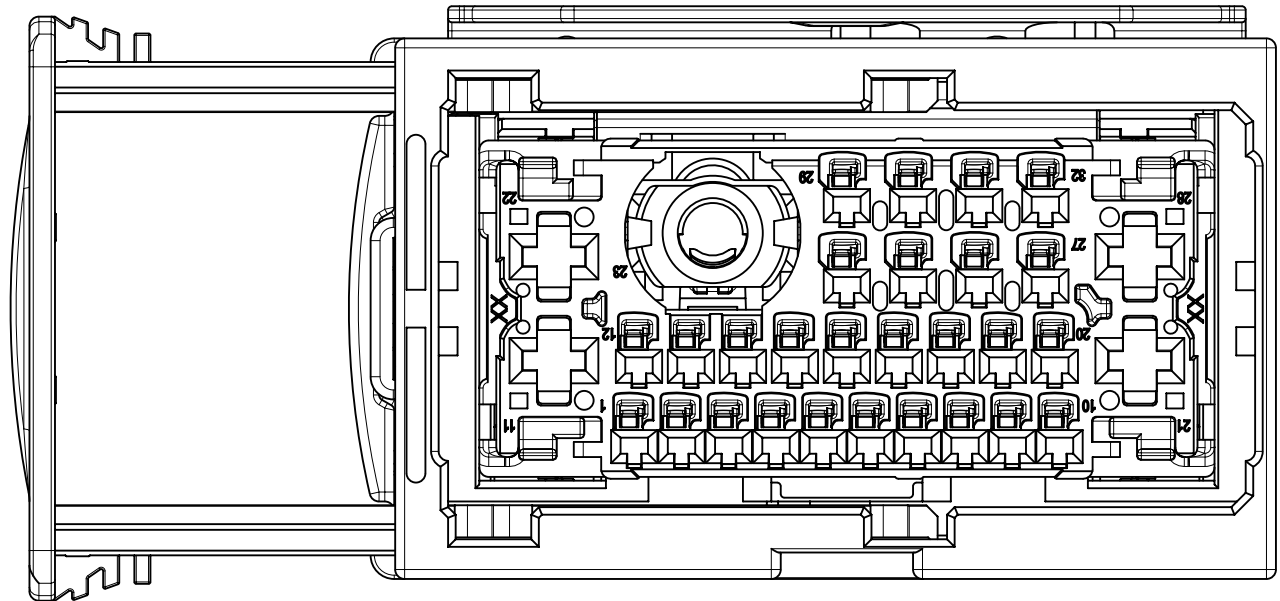
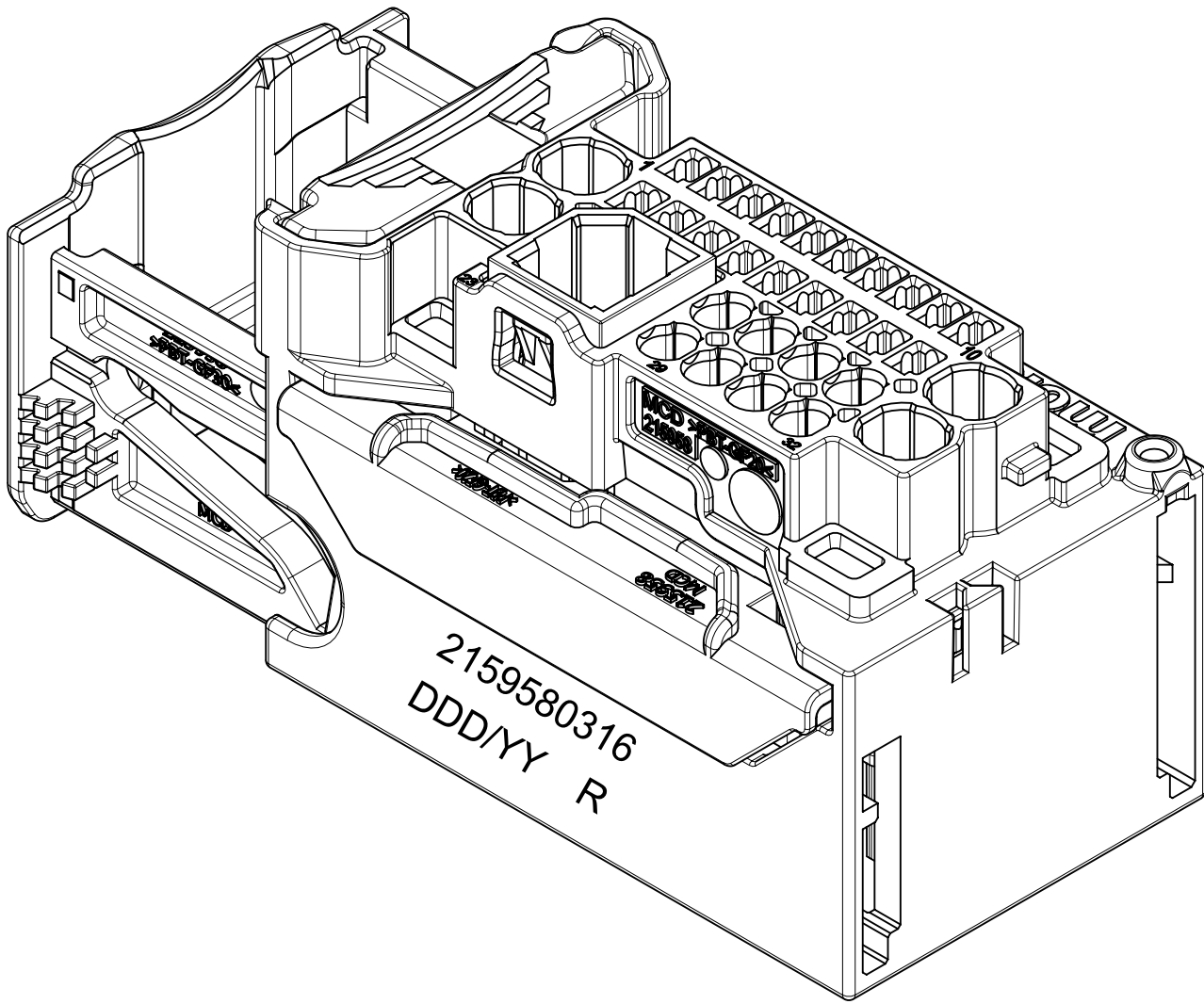


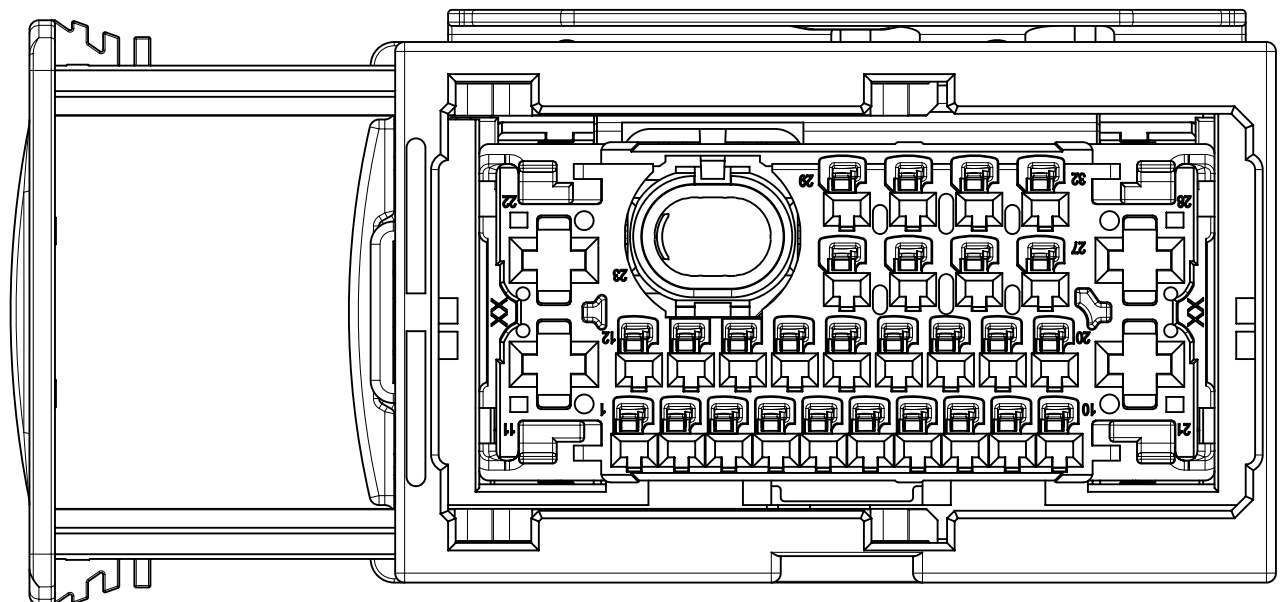
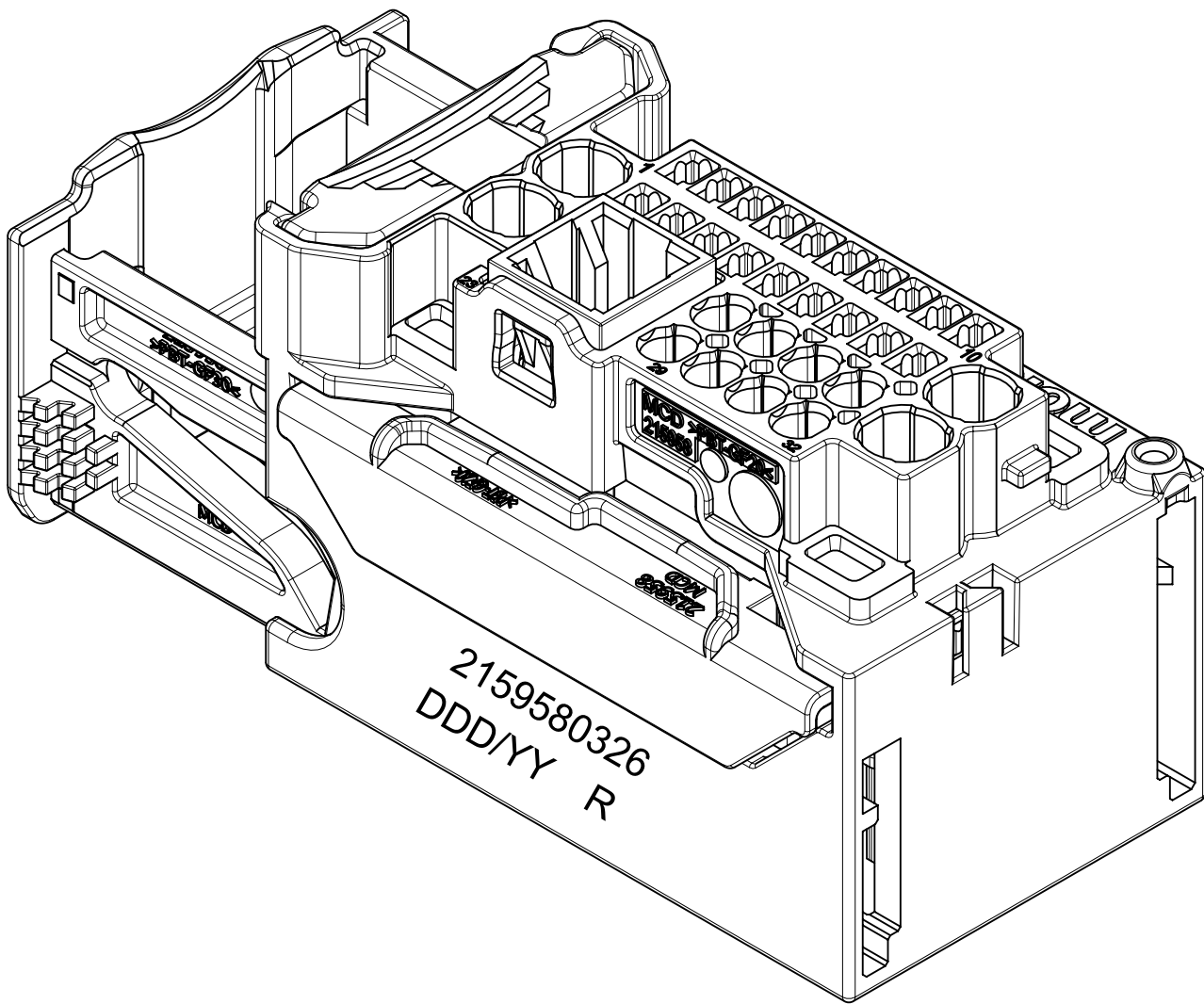
MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	VJ	2023-06-27
A1	SHEET 3 : ADD ASSOCIATED PARTS TABLE AND REVIEW MARKING 3c IN TABLE	VJ	2024-04-19



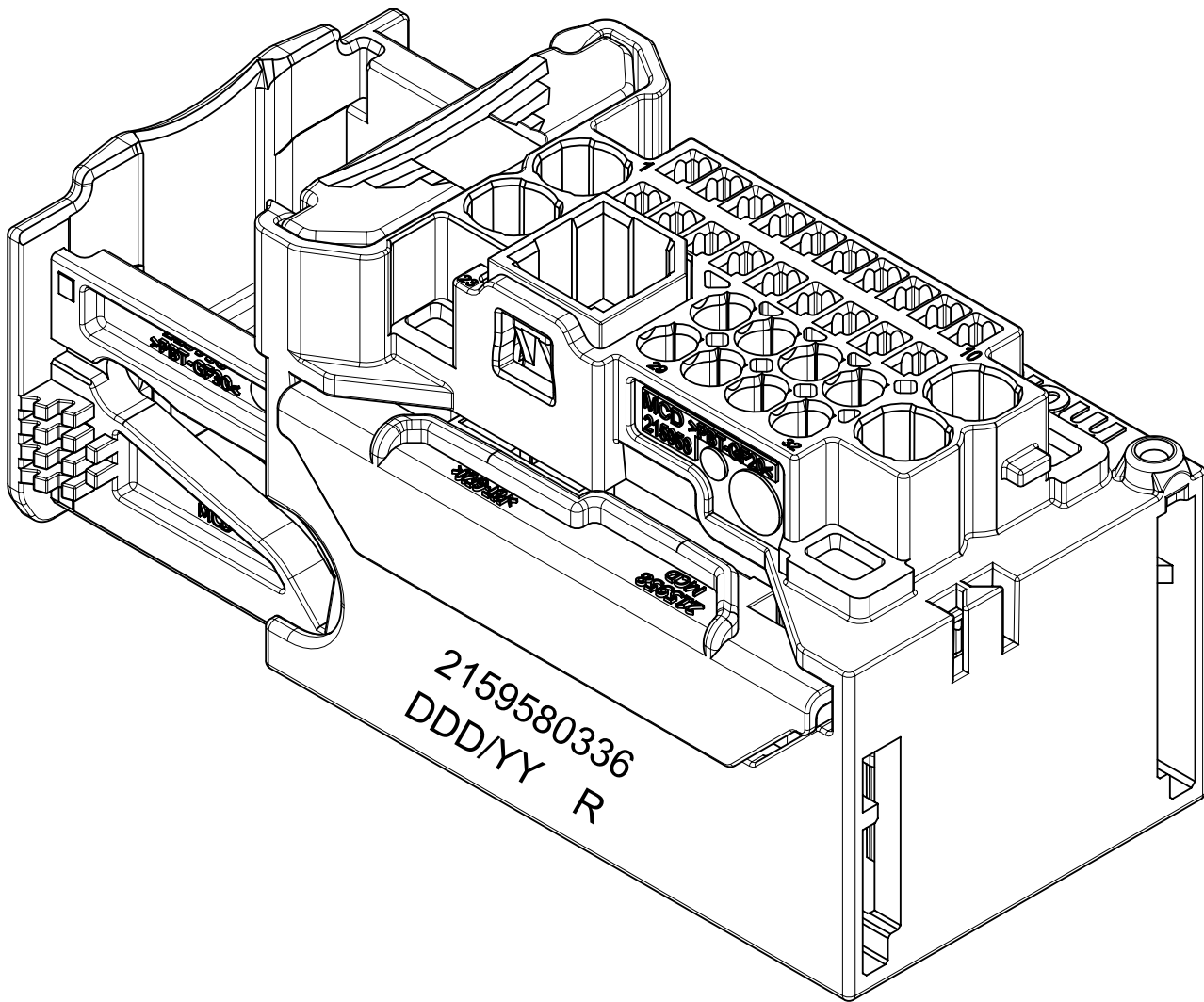
HSD FEMALE MODULE
KEYING F SHOWN



Mini Coax FEMALE MODULE
KEYING H SHOWN



MGE FEMALE MODULE
KEYING K SHOWN



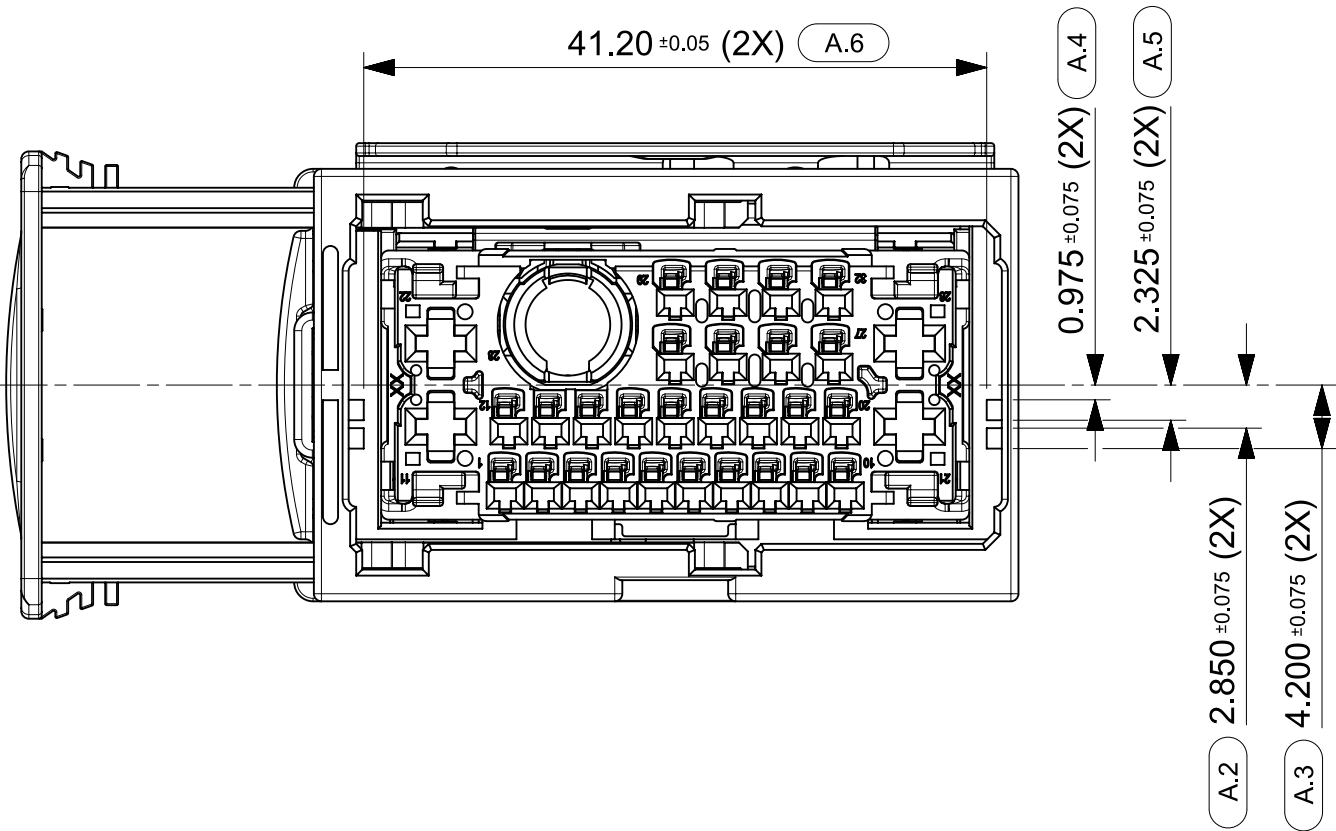
- NOTES:
1. GENERAL:
- 1.1 PRODUCT SPECIFICATION: 2159580000-PS
 - 1.2 TEST SUMMARY: XXXXXXXXXX-TS
 - 1.3 APPLICATION SPECIFICATION: 2159580000-AS
 - 1.4 PACKAGING SPECIFICATION: 2159580150-PK
 - 1.5 COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 - 1.6 MATES WITH : BLADE CONNECTOR DRAWING 2159580400-SD
 - 1.7 CONNECTOR MATING FORCE ALLOWED : 65 N MAXI
 - 1.8 WEIGHT (GRAMS) :
 - HSD VERSION : 26.16 g
 - Mini Coax VERSION : 26.54 g
 - MGE VERSION : 25.36 g

2. DESIGN - MATERIALS:
- SEE TABLE ON SHEET 3

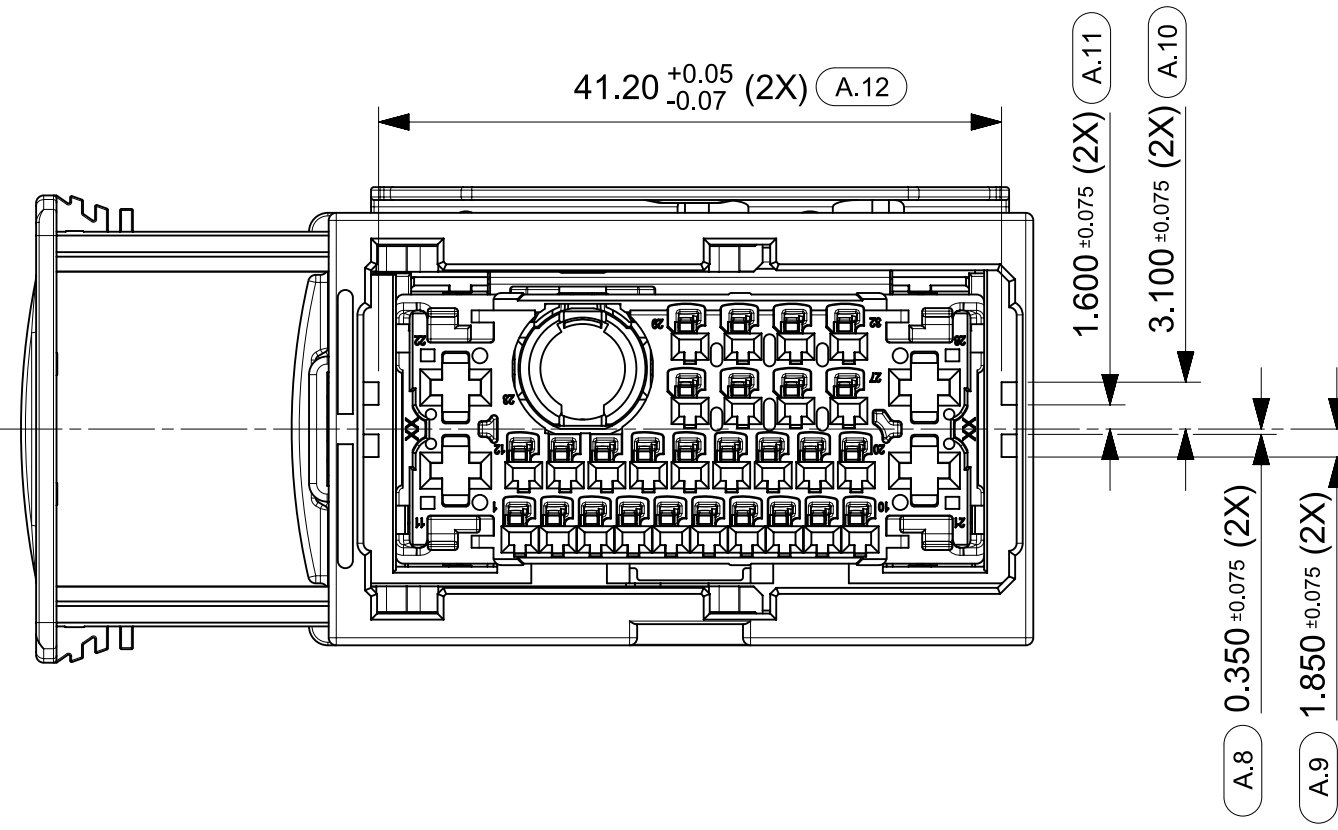
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE						
mm		2.5:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Valerie Jouis2023-11-30 CHK'D: OlivierPlessis2024-04-19 APPR: Matthieu Huguet2024-04-19						
ANGULAR TOL ± 0.5°										
4 PLACES ± 0.01000										
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		
						A1-SIZE		215958		
DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION	
2159580300-SD					PSD		000		A1	
PRODUCT SALES DRAWING										
MATERIAL NUMBER					CUSTOMER			SHEET NUMBER		
SEE SHEET 3					GENERAL MARKET			1 OF 4		

KEYING DEFINITION

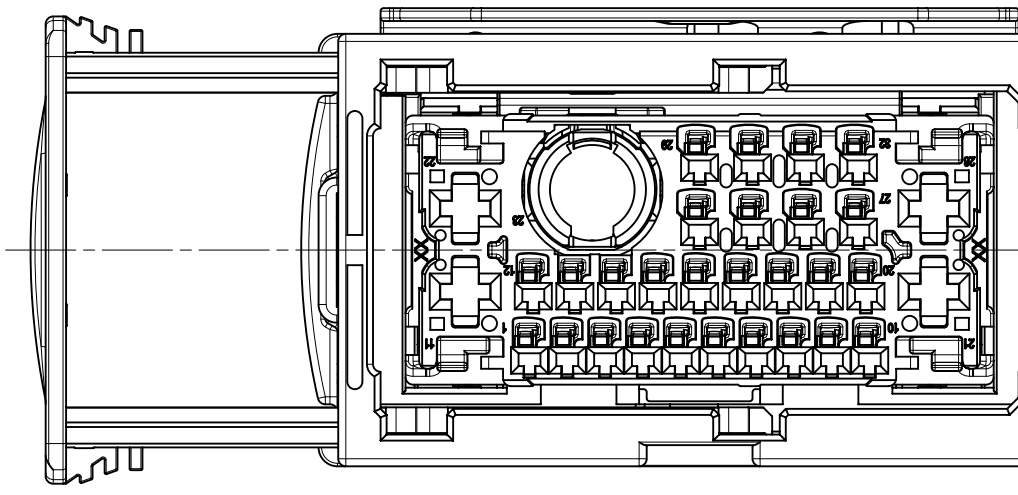
HSD MODULE	
KEYING	F
MOLEX PART NUMBER	2159580316
COLOR	BROWN
COMPATIBLE WITH BLADE HOUSING COLOR	BROWN



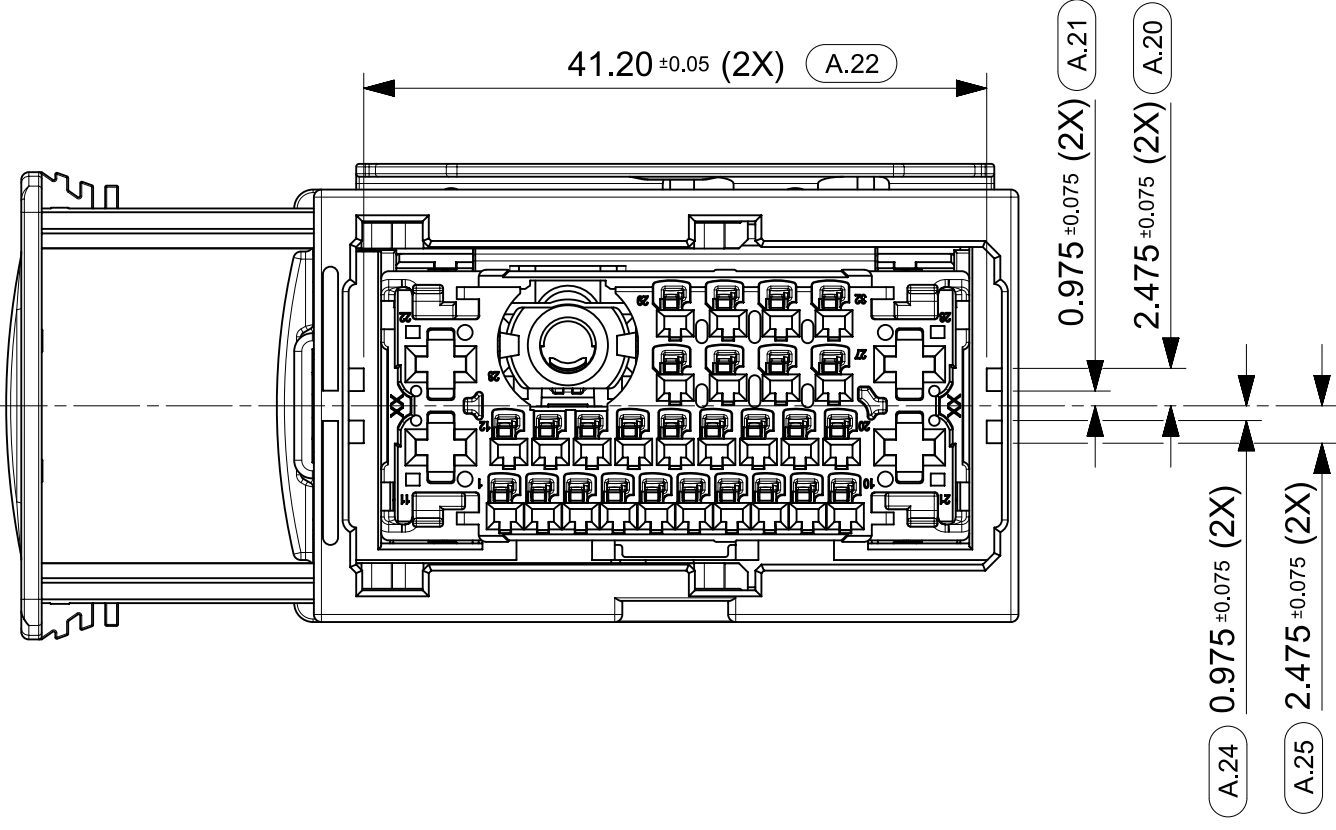
HSD MODULE	
KEYING	G
MOLEX PART NUMBER	2159580317
COLOR	GREEN
COMPATIBLE WITH BLADE HOUSING COLOR	GREEN



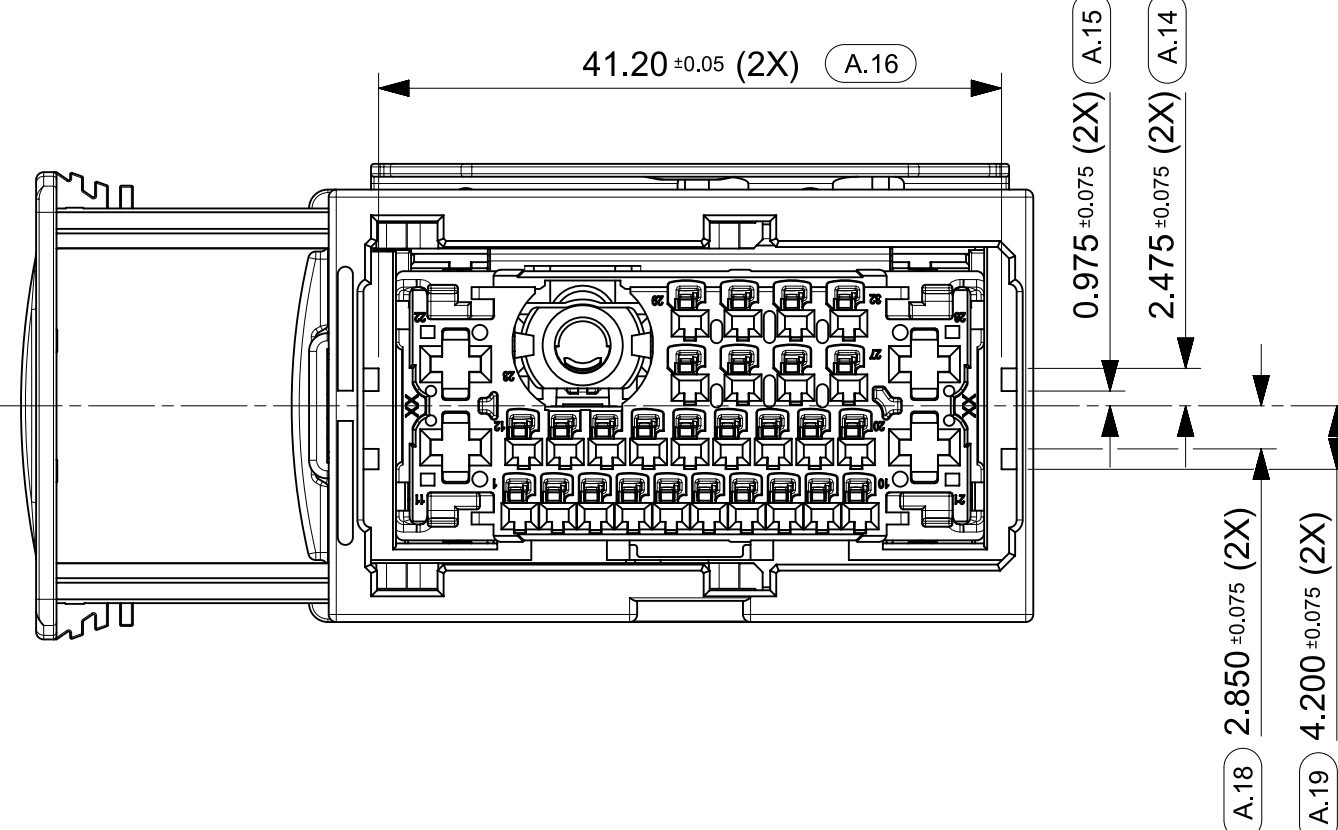
HSD MODULE	
KEYING	W
MOLEX PART NUMBER	2159580318
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



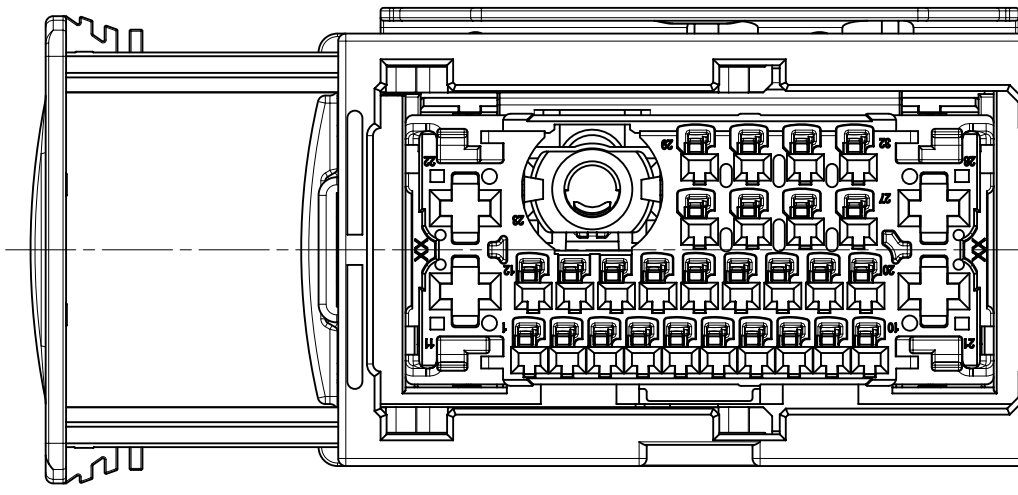
Mini Coax MODULE	
KEYING	H
MOLEX PART NUMBER	2159580326
COLOR	NATURAL - WHITE
COMPATIBLE WITH BLADE HOUSING COLOR	NATURAL - WHITE



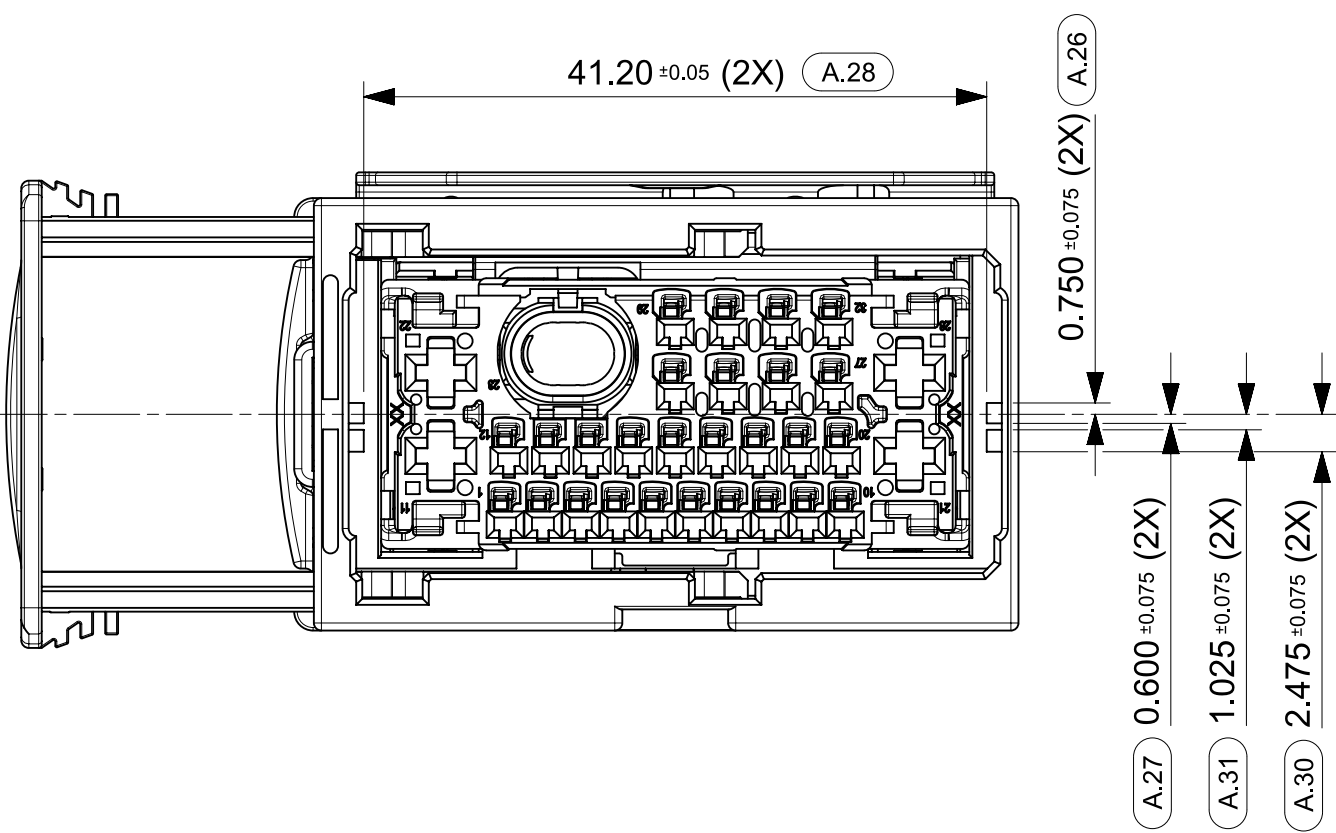
Mini Coax MODULE	
KEYING	J
MOLEX PART NUMBER	2159580327
COLOR	BLACK
COMPATIBLE WITH BLADE HOUSING COLOR	BLACK



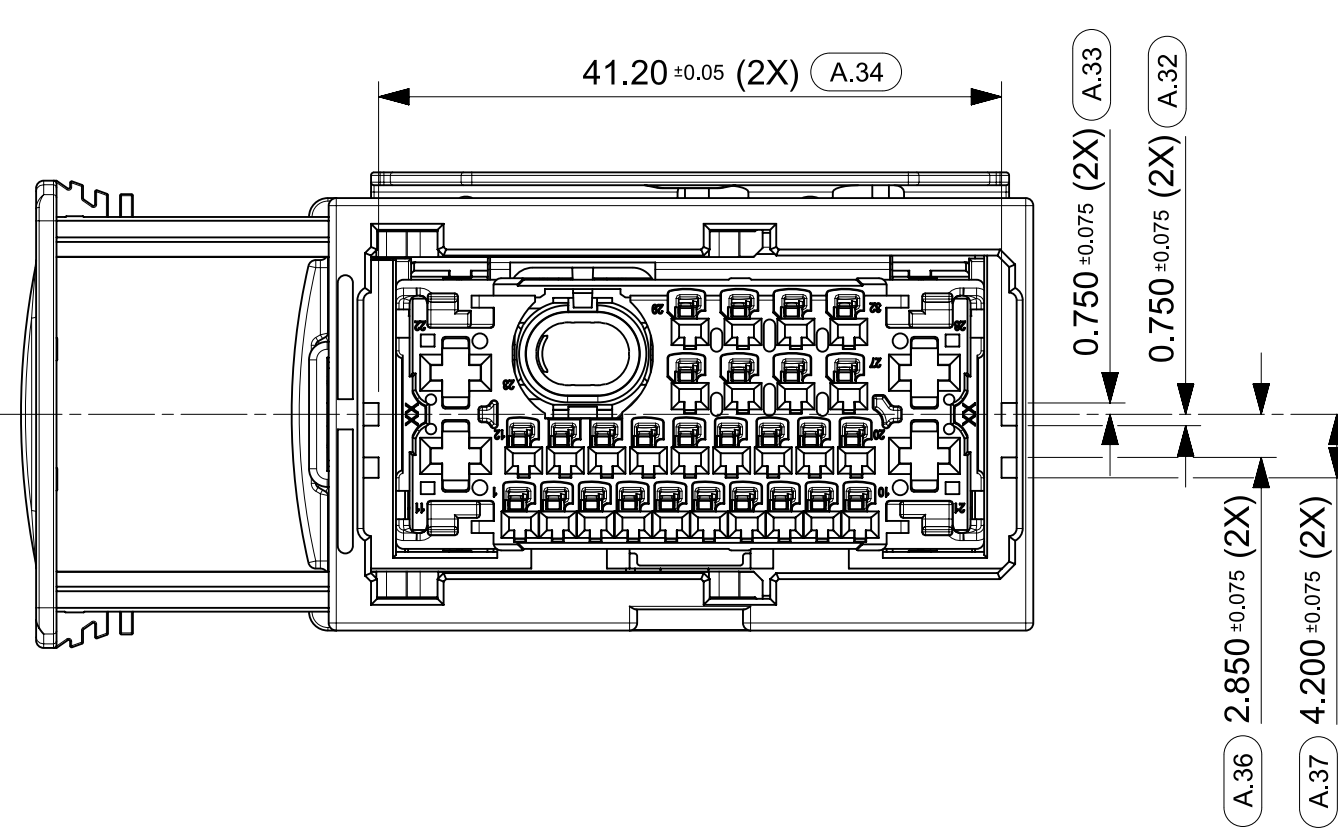
Mini Coax MODULE	
KEYING	X
MOLEX PART NUMBER	2159580328
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



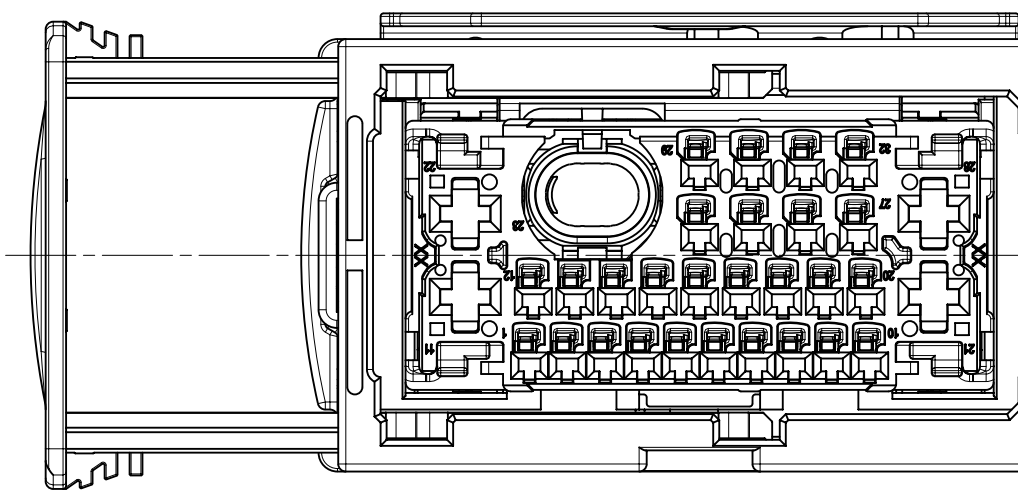
MGE MODULE	
KEYING	K
MOLEX PART NUMBER	2159580336
COLOR	GREY
COMPATIBLE WITH BLADE HOUSING COLOR	GREY



MGE MODULE	
KEYING	L
MOLEX PART NUMBER	2159580337
COLOR	BLUE
COMPATIBLE WITH BLADE HOUSING COLOR	BLUE



MGE MODULE	
KEYING	Y
MOLEX PART NUMBER	2159580338
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



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DIMENSION UNITS

mm

SCALE

2:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ± 0.01000

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

2023-11-30

2024-04-19

2024-04-19

FIRST ANGLE PROJECTION

A1-SIZE

SERIES

215958

PRODUCT SALES DRAWING

DOCUMENT NUMBER

2159580300-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A1

MATERIAL NUMBER

SEE SHEET 3

CUSTOMER

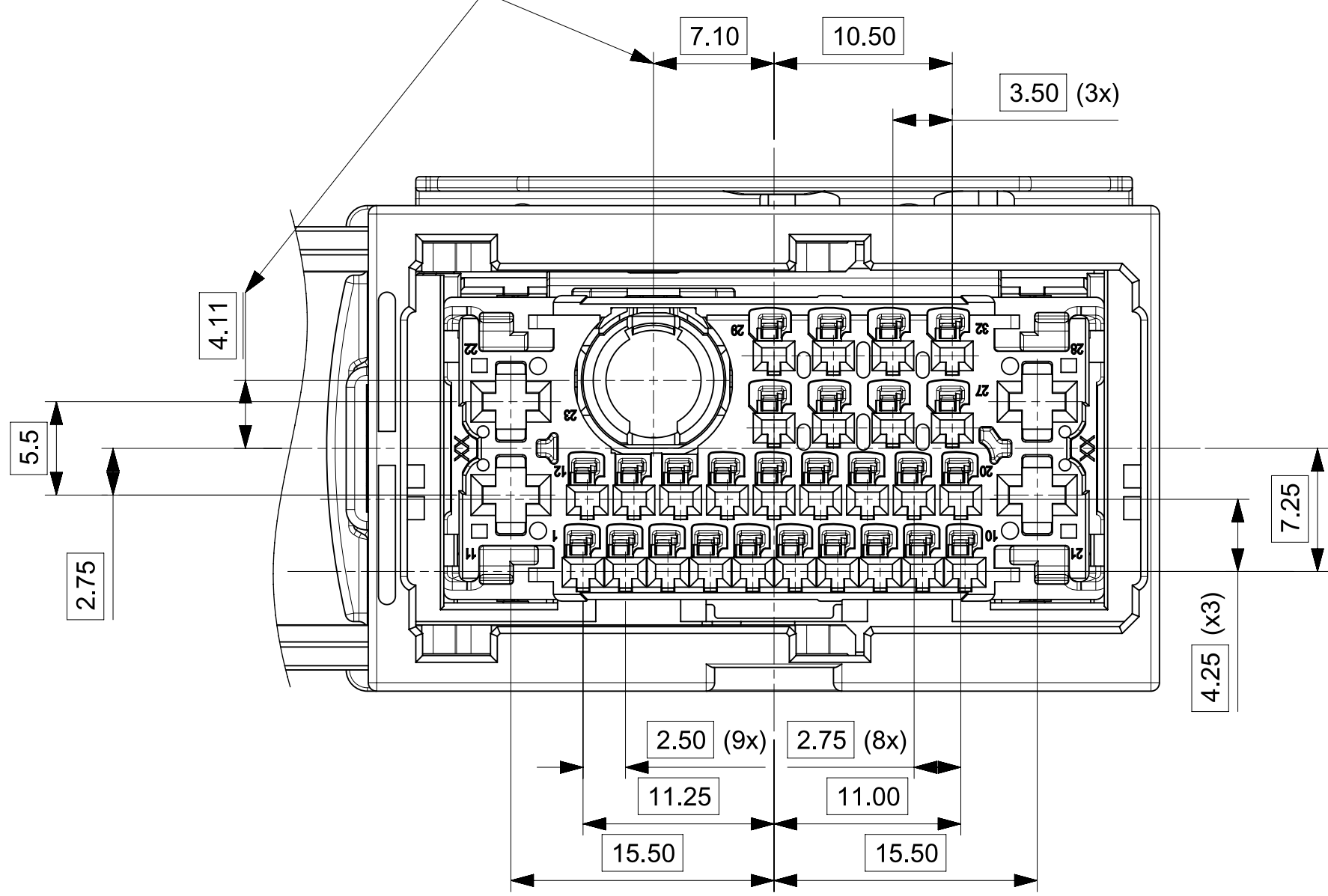
GENERAL MARKET

SHEET NUMBER

2 OF 4

CAVITIES LOCATION

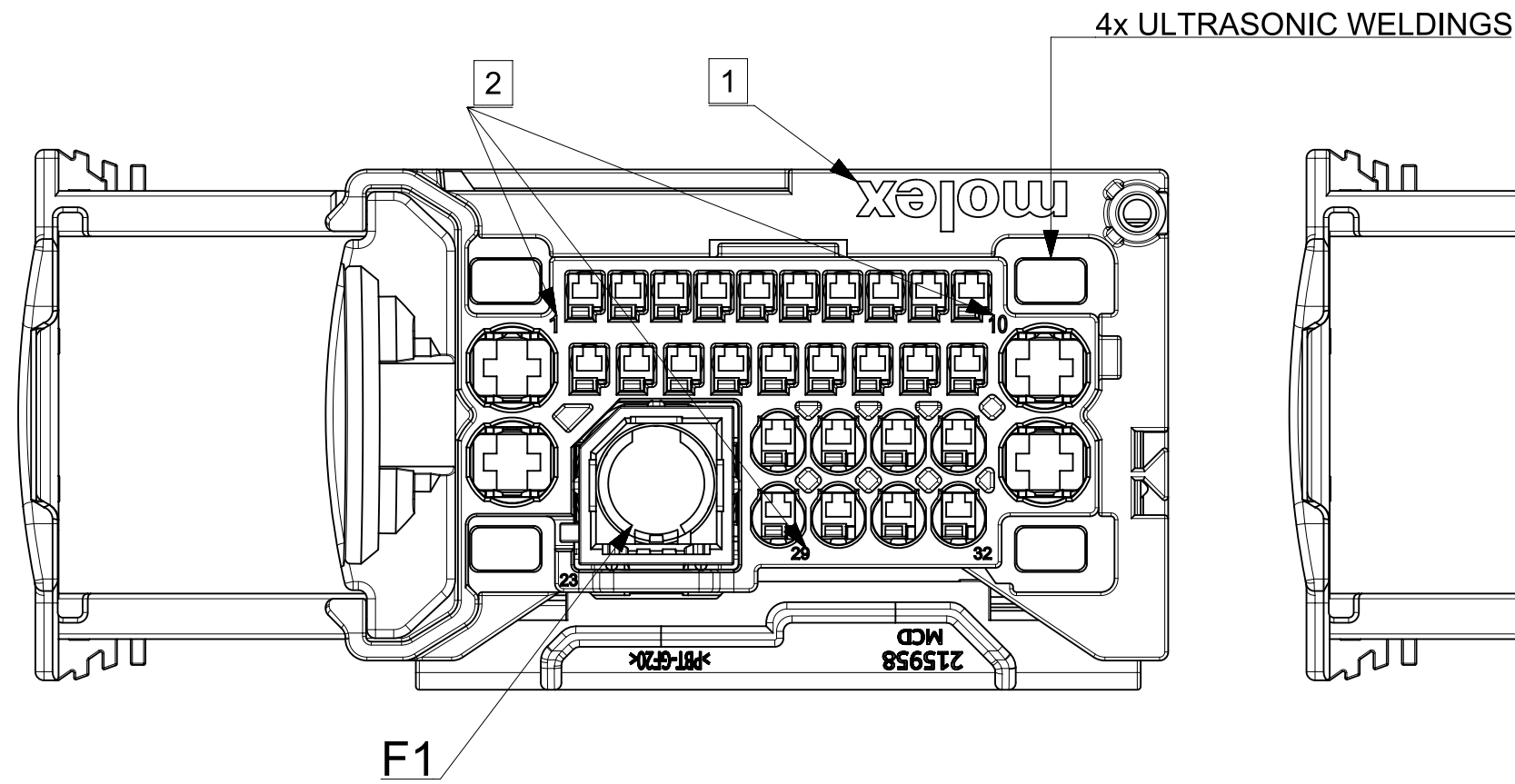
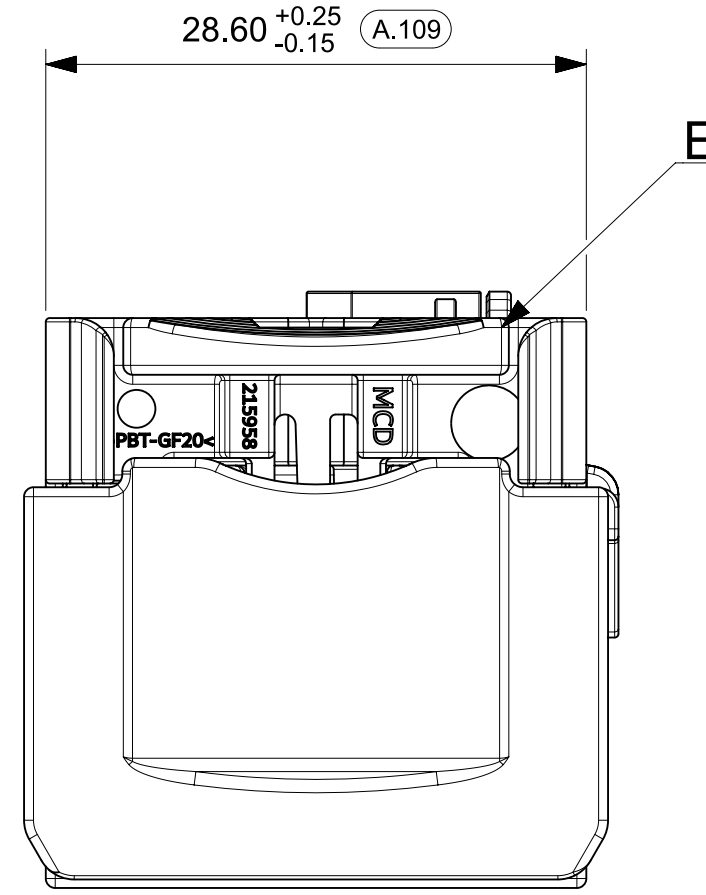
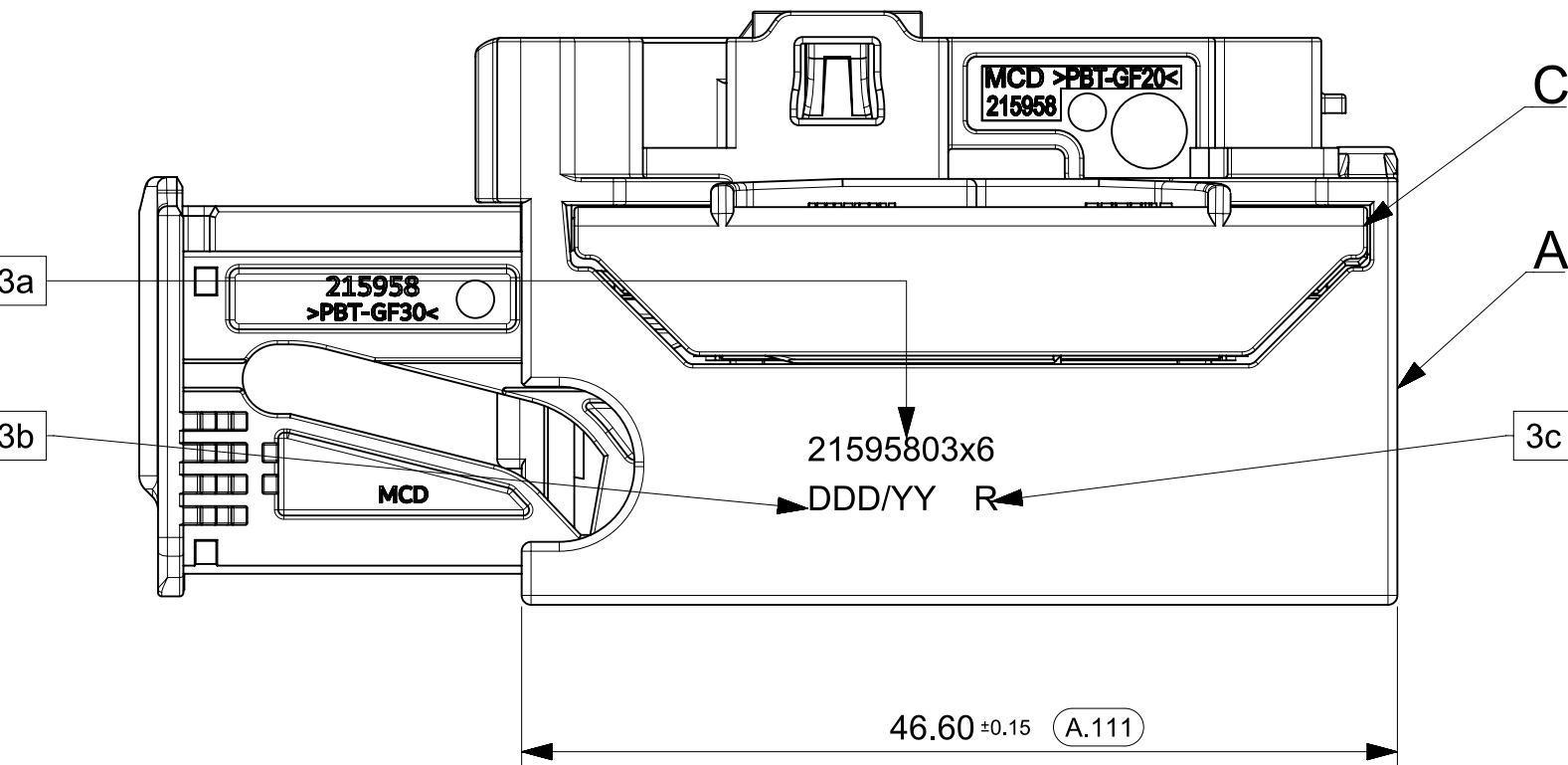
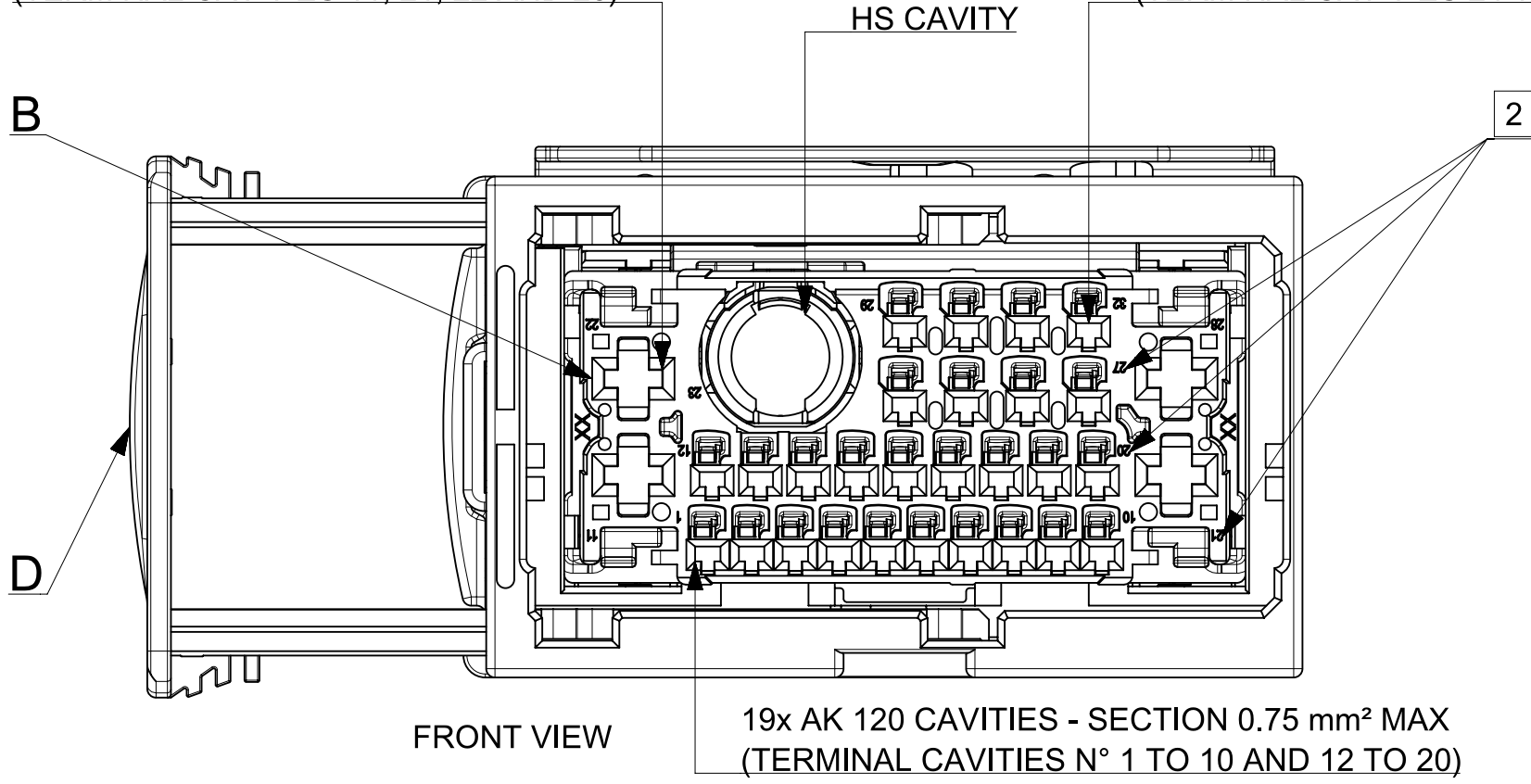
THESE DIMENSIONS ARE APPLICABLE
TO THE 3 DIFFERENT VERSIONS:
HSD, Mini Coax AND MGE



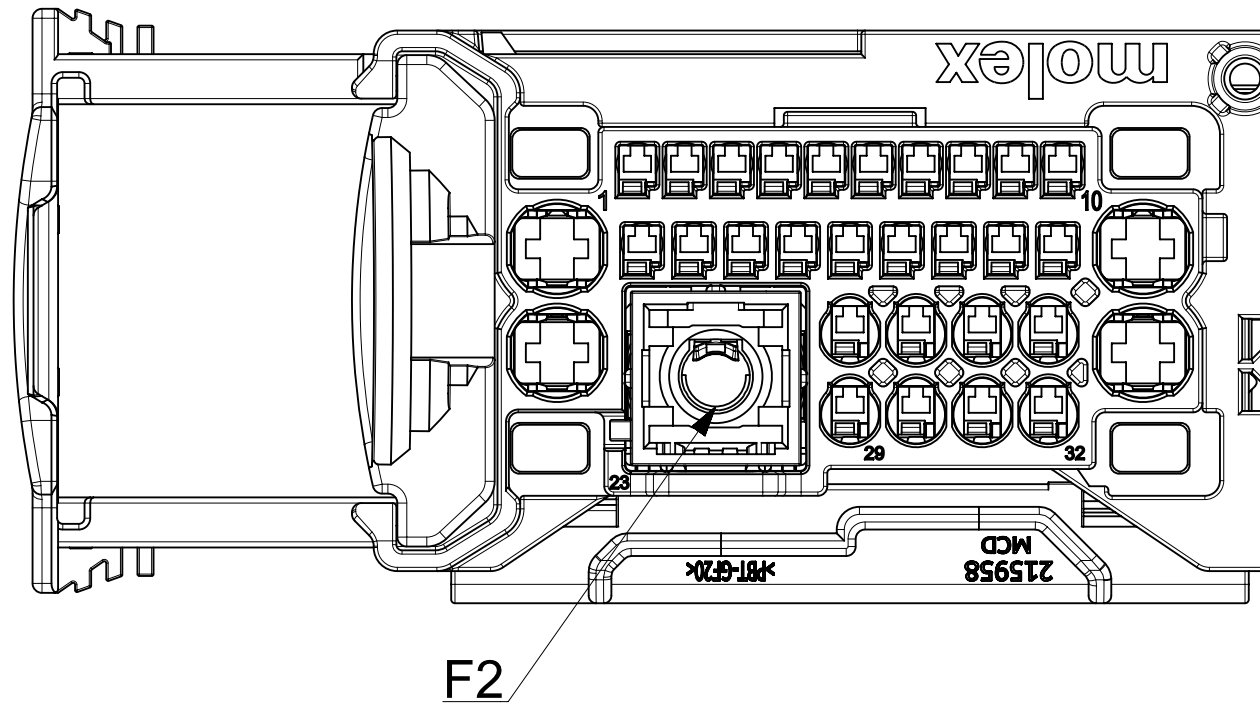
PRODUCT DEFINITION

4x MCON 280 CAVITIES
(TERMINAL CAVITIES 11, 21, 22 AND 28)

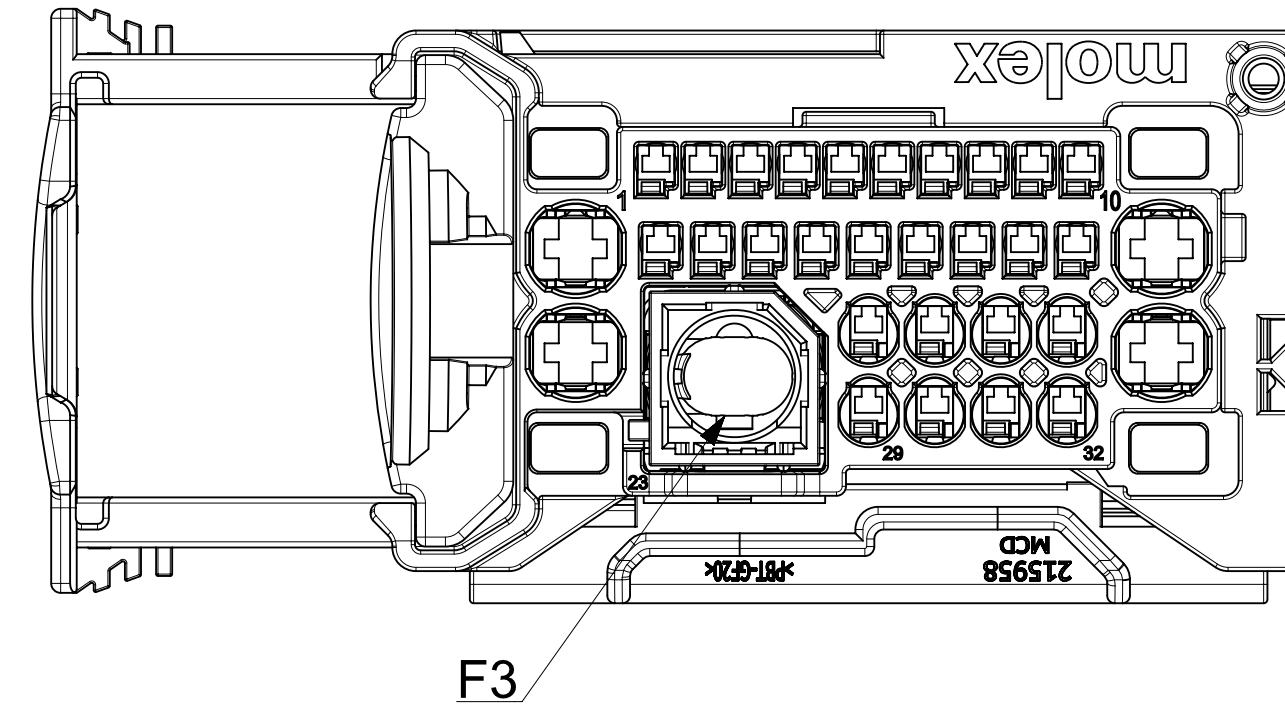
8x AK 120 CAVITIES - SECTION 1.5 mm² MAX
(TERMINAL CAVITIES 24 TO 27 AND 29 TO 32)



HSD MODULE



Mini Coax MODULE



MGE MODULE

COMPONENTS

POS.	QTY	DESCRIPTION	MATERIAL	COLOR
A	1	32CKT HYB HS RCPT CONN HSG	PBT-GF20	FOLLOWING KEYING
B	1	32CKT HYB HS RCPT TERM HSG	PBT-GF20	BLACK
C	1	32CKT HYB HS RCPT ISL	PBT-GF20	BLACK FOR KEYING H NATURAL - WHITE FOR REMAINING KEYING
D	1	32CKT HYB HS SLIDER	PBT-GF30	BLACK
E	1	32CKT HYB HS CPA	PBT-GF20	RED
F1		HSD JACK MODULE	PBT-GF20	BLACK
F2	1	Mini Coax JACK MODULE	PBT-GF20	BLACK
F3		MGE JACK MODULE	PBT-GF20	BLACK

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	
	1.50	33265291	
MCON 1.2 FEMALE TERMINAL CB TE	0.35	1534594-1	-
	0.5 - 0.75	1670144-1	
	1.00 - 1.50	1452503-1	
	0.35 - 0.50	1-968880-1	
MCP 280 FEMALE TERMINAL TE	0.75 - 1.00	1-968849-1	-
	1.50 - 2.50	1-968851-1	
	3.00 - 4.00	1-968853-1	
	0.35 - 0.50	1-968880-1	
HSD JACK TERMINAL ROSENBERGER	DACAR 535	D4K10A-1D5A5	-
Mini Coax JACK TERMINAL ROSENBERGER	RTK 031	AMK18A-1M4Z5	-
	RG 174	AMK18A-102Z5	-
MGE JACK TERMINAL	GG160687	E6K10A-1CAZ5	-

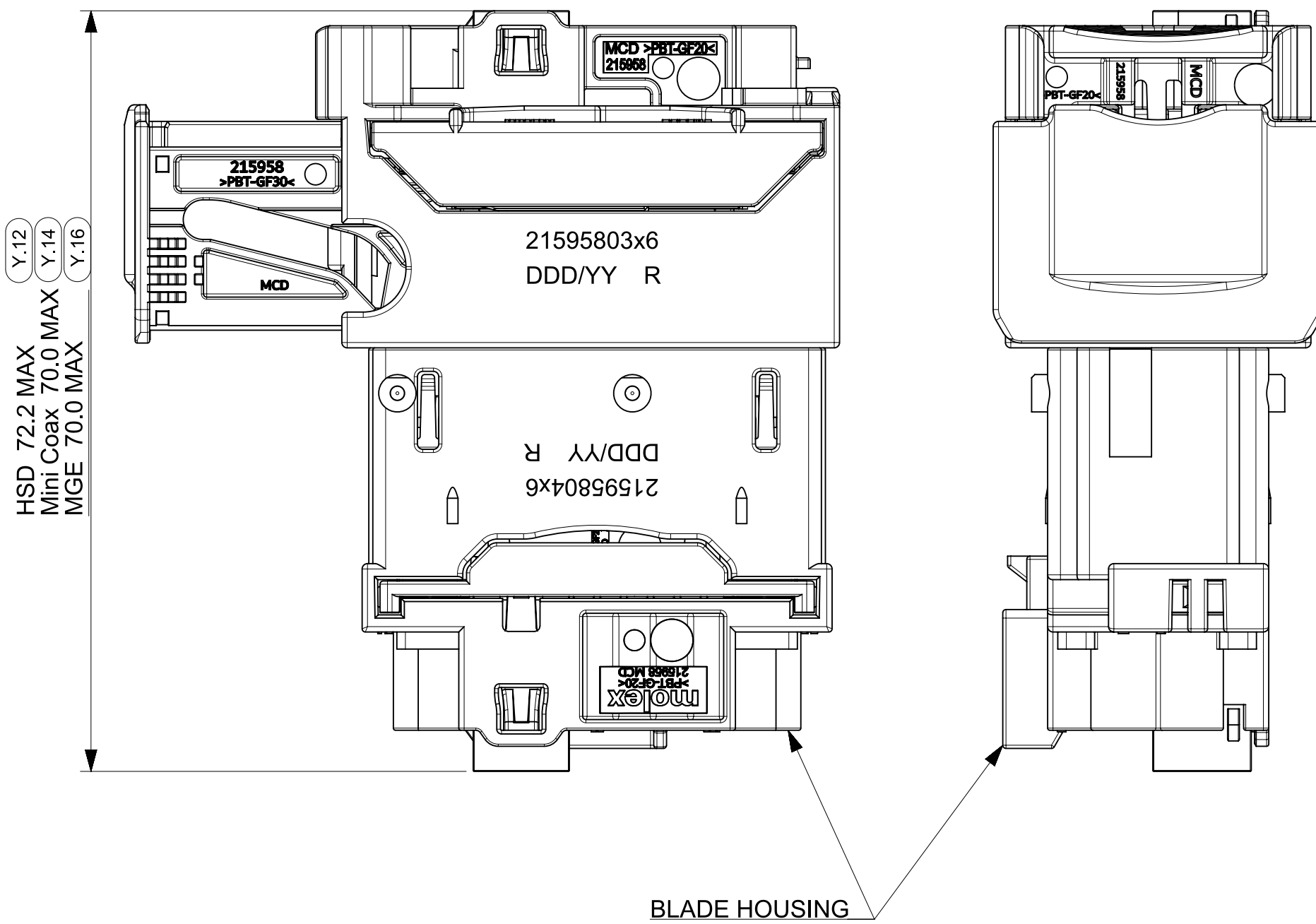
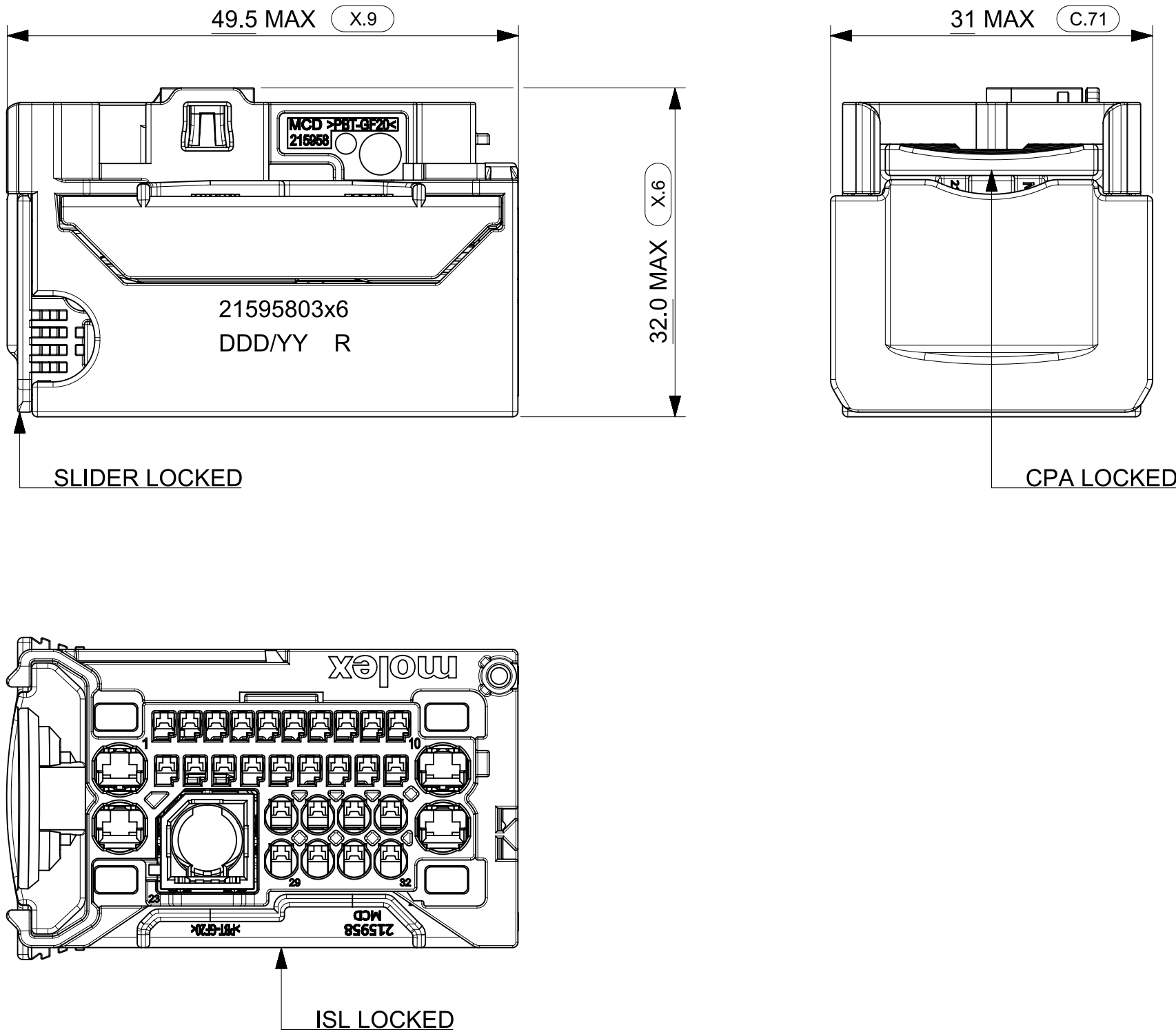
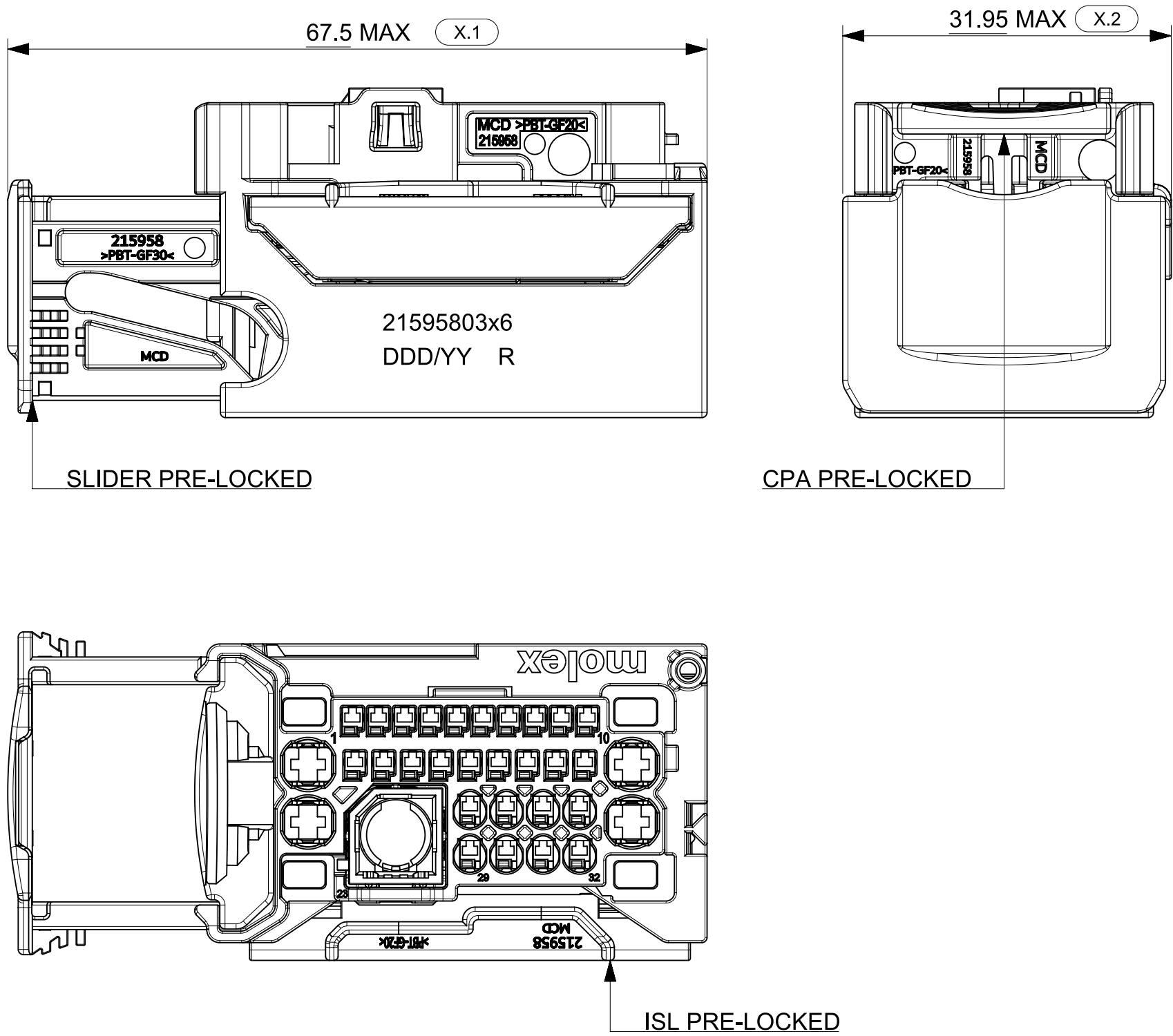
MARKINGS

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

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									
mm		2.5:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex MX-DaSH_32CKT ASSY RCPT HSG PRODUCT SALES DRAWING									
ANGULAR TOL ± 0.5°													
4 PLACES		± 0.01000											
3 PLACES		± 0.0300											
2 PLACES		± 0.050											
1 PLACE		± 0.10		STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet 2023-11-30 2024-04-19 2024-04-19									
0 PLACES		± 0.15											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
FIRST ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A1-SIZE		215958		2159580300-SD		PSD		000 A1	
				MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
				SEE TABLE		GENERAL MARKET				3 OF 4			

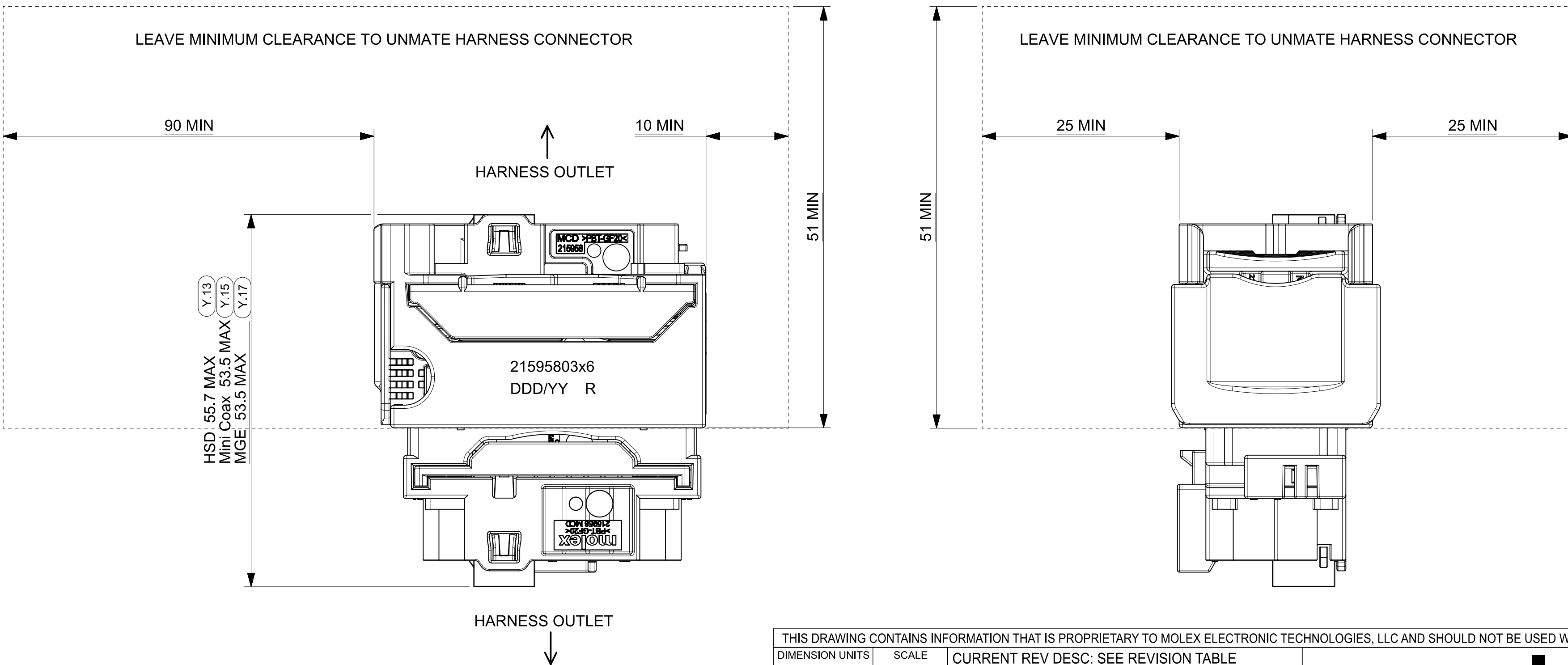
OVERALL RECEPTACLE HOUSING DIMENSIONS
DELIVERY POSITION

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



BEFORE MATING POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS



FULLY MATED POSITION

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											
mm		2:1		molex MX-DaSH_32CKT ASSY RCPT HSG PRODUCT SALES DRAWING											
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 0.5°															
4 PLACES		± 0.01000													
3 PLACES		± 0.0300													
2 PLACES		± 0.050		STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet		2023-11-30		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.10				2024-04-19		2159580300-SD		PSD		000		A1	
0 PLACES		± 0.15				2024-04-19									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
						A1-SIZE		215958		SEE SHEET 3		GENERAL MARKET		4 OF 4	