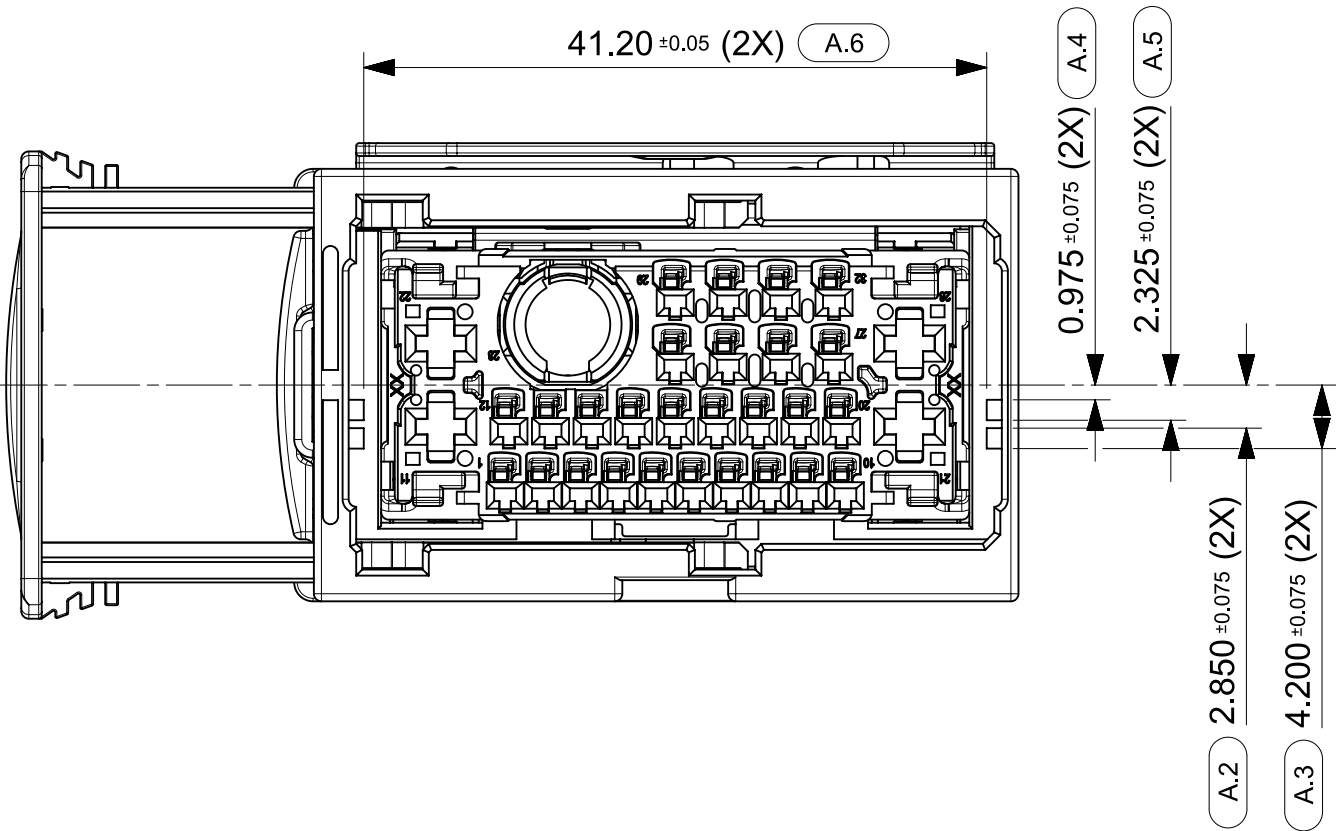
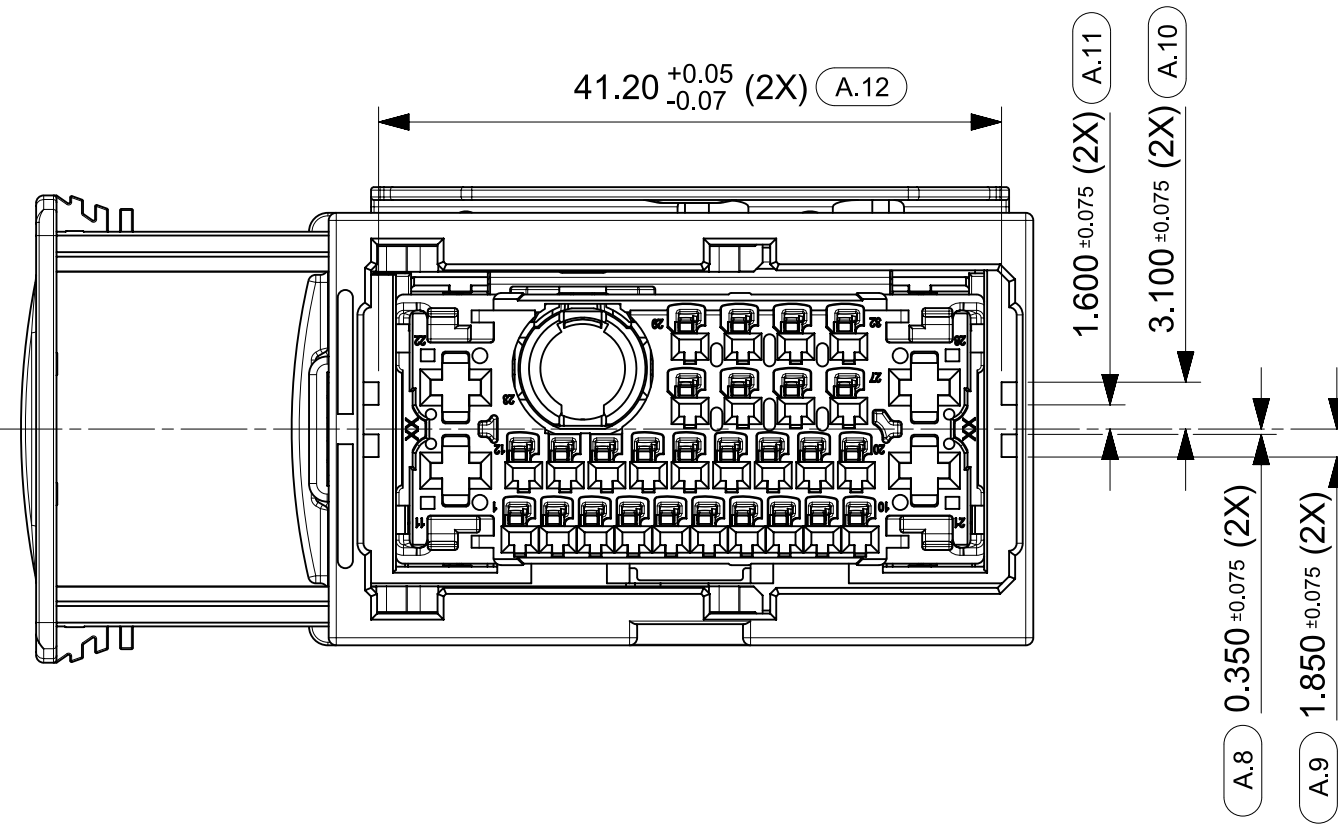


KEYING DEFINITION

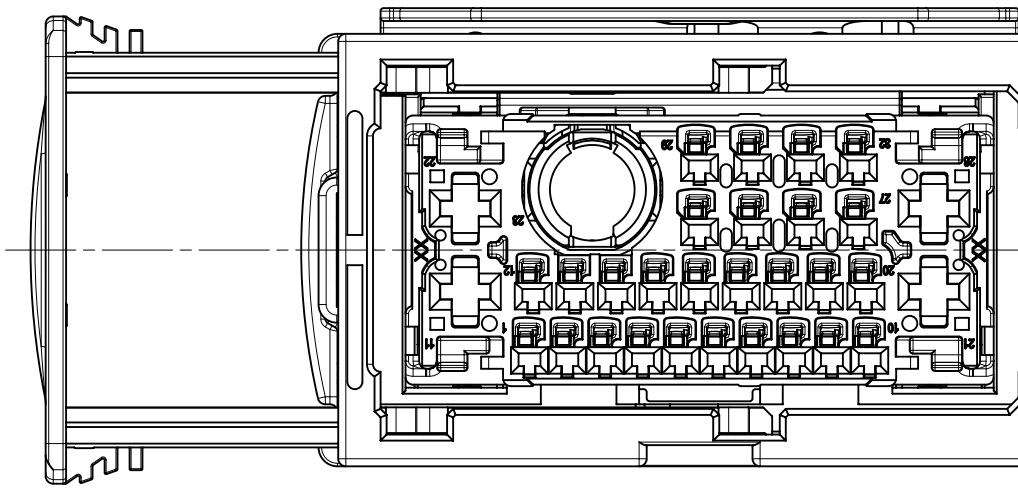
HSD MODULE	
KEYING	F
MOLEX PART NUMBER	2159580316
COLOR	BROWN
COMPATIBLE WITH BLADE HOUSING COLOR	BROWN



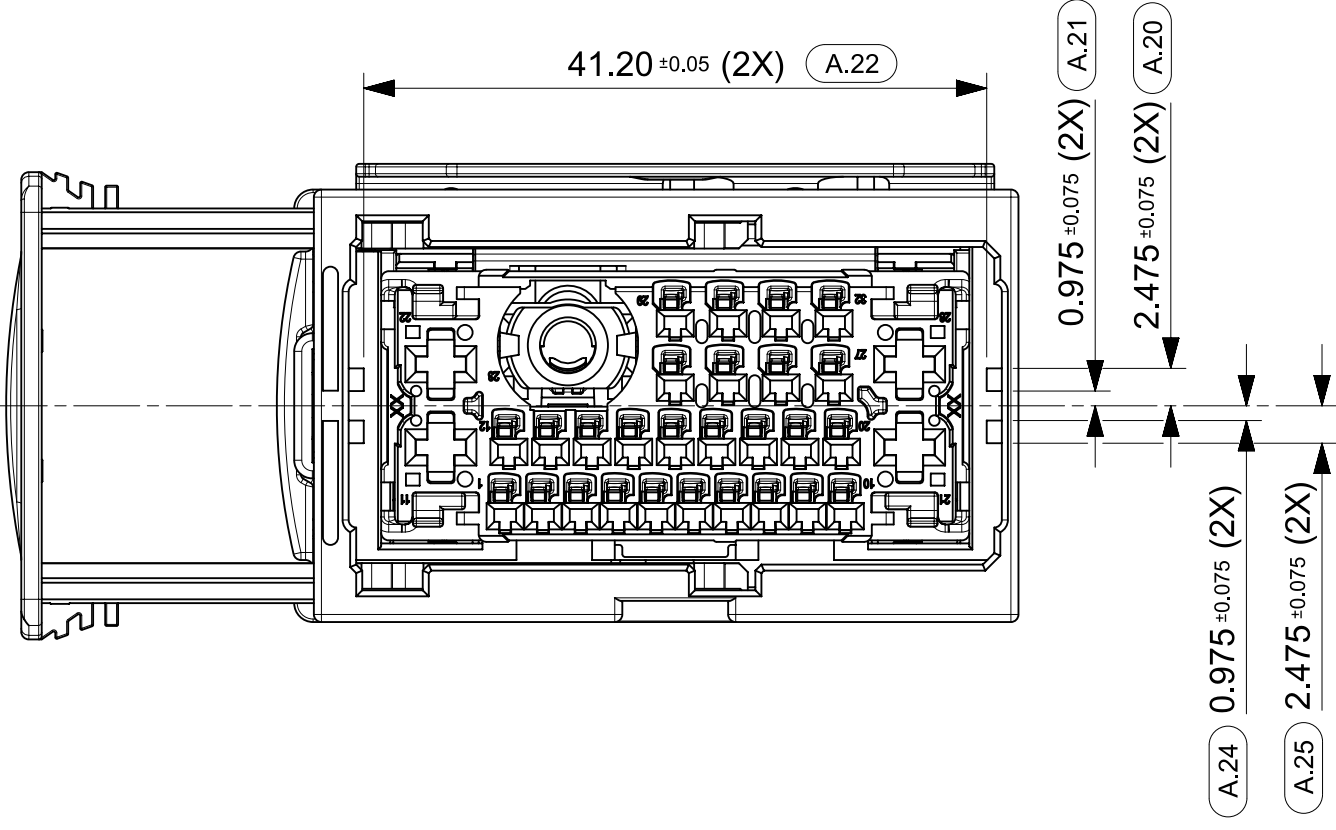
HSD MODULE	
KEYING	G
MOLEX PART NUMBER	2159580317
COLOR	GREEN
COMPATIBLE WITH BLADE HOUSING COLOR	GREEN



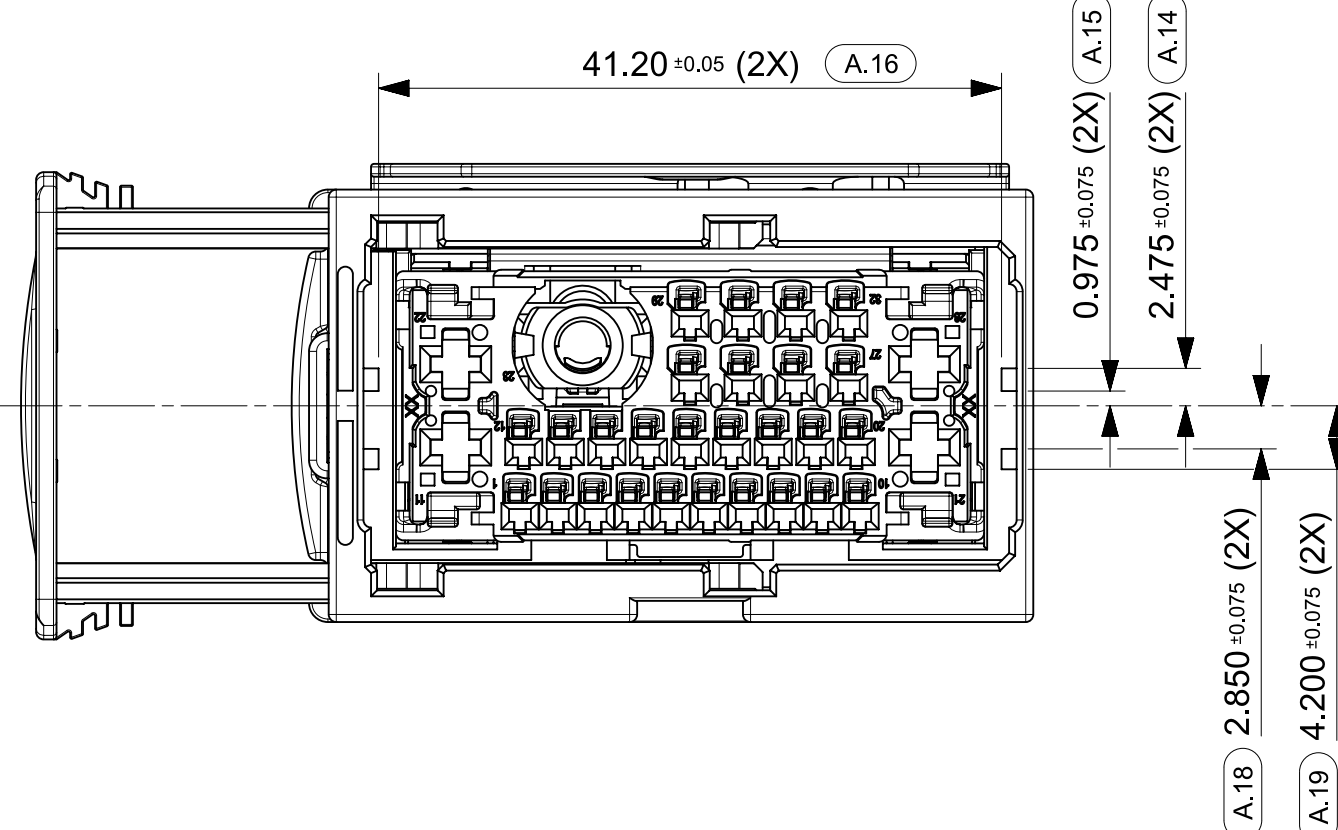
HSD MODULE	
KEYING	W
MOLEX PART NUMBER	2159580318
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



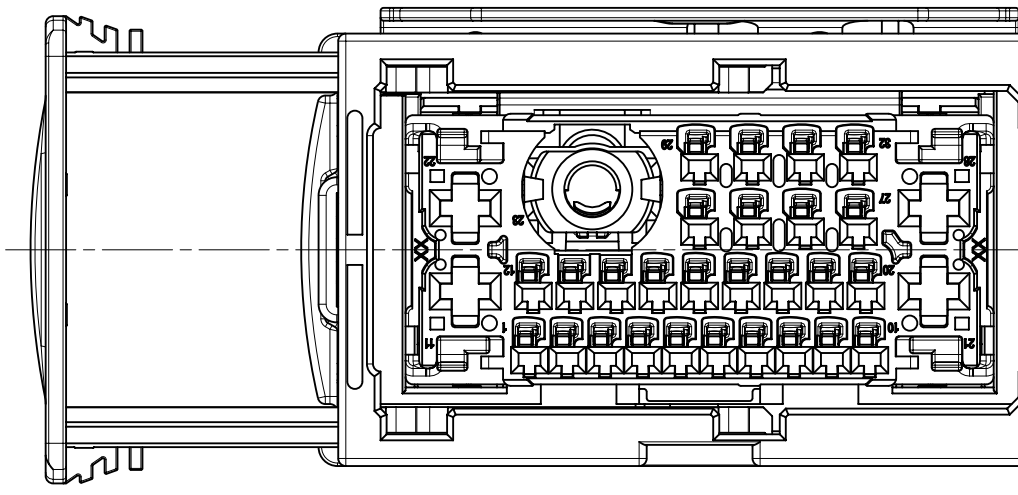
Mini Coax MODULE	
KEYING	H
MOLEX PART NUMBER	2159580326
COLOR	NATURAL - WHITE
COMPATIBLE WITH BLADE HOUSING COLOR	NATURAL - WHITE



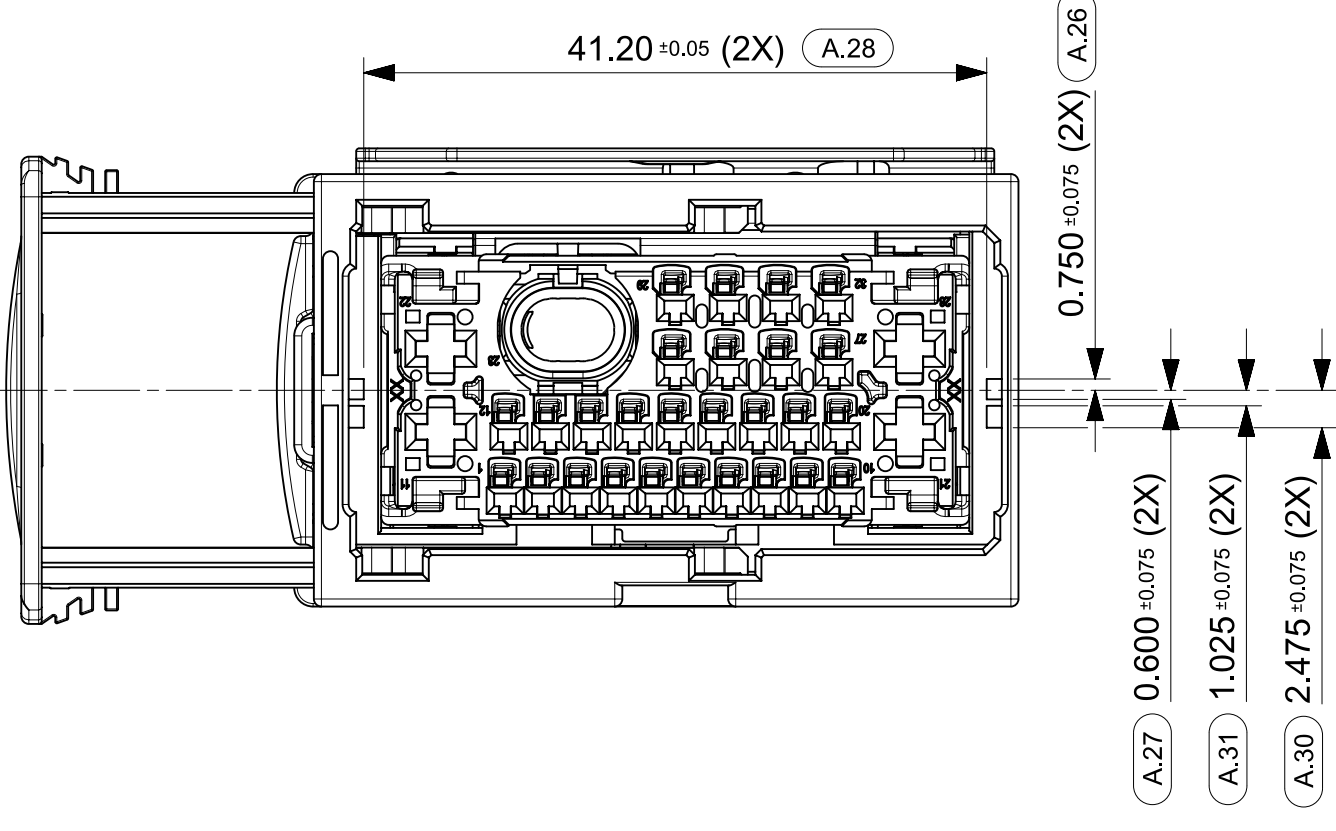
Mini Coax MODULE	
KEYING	J
MOLEX PART NUMBER	2159580327
COLOR	BLACK
COMPATIBLE WITH BLADE HOUSING COLOR	BLACK



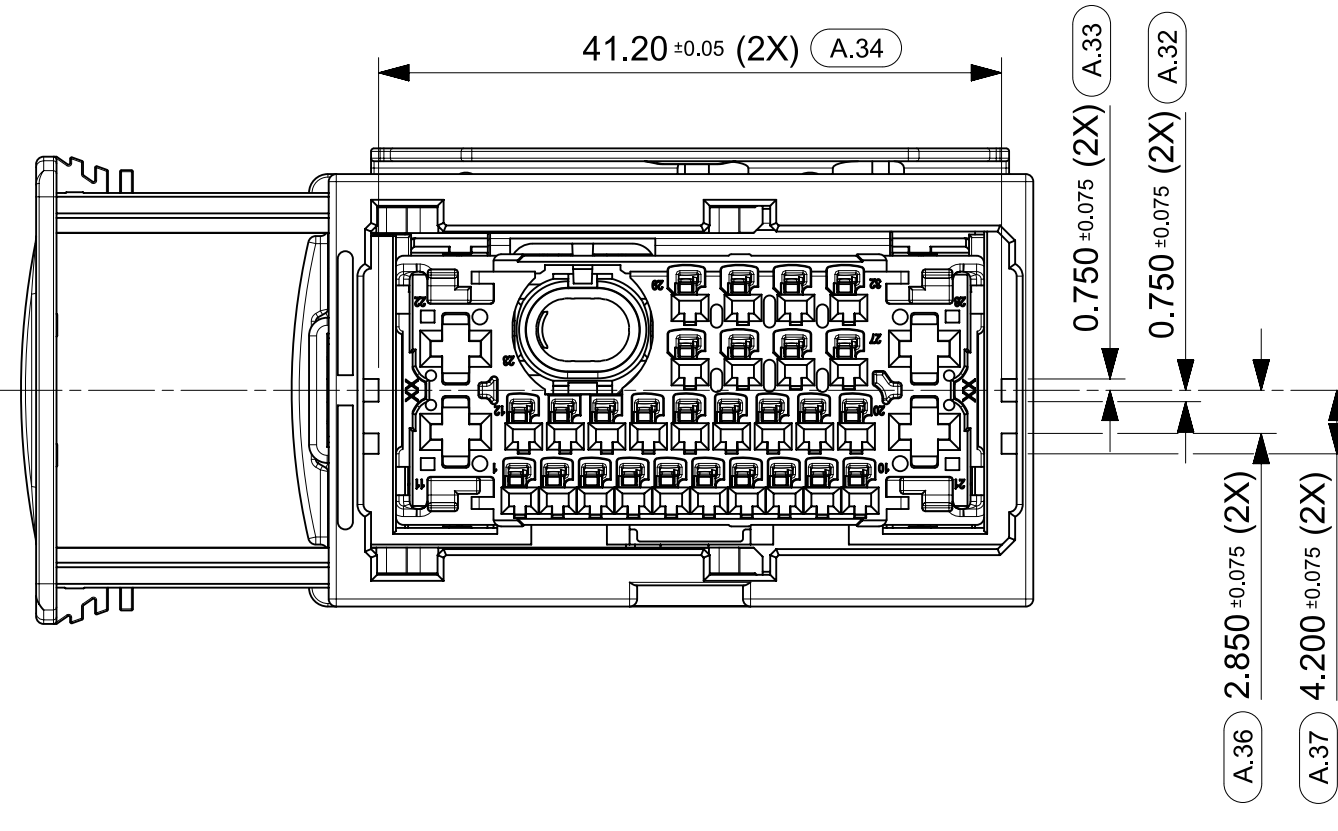
Mini Coax MODULE	
KEYING	X
MOLEX PART NUMBER	2159580328
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



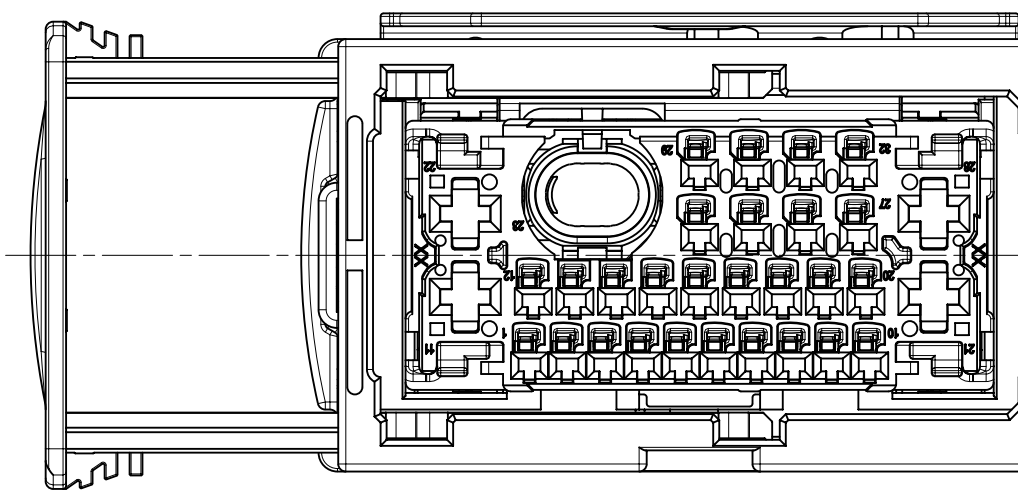
MGE MODULE	
KEYING	K
MOLEX PART NUMBER	2159580336
COLOR	GREY
COMPATIBLE WITH BLADE HOUSING COLOR	GREY



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	SCALE
mm	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	FIRST ANGLE PROJECTION

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

DRAWING

SERIES

A1-SIZE

215958

DOCUMENT NUMBER

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

PRODUCT SALES DRAWING

MX-DaSH_32CKT ASSY RCPT HSG

2159580300-SD

PSD

000

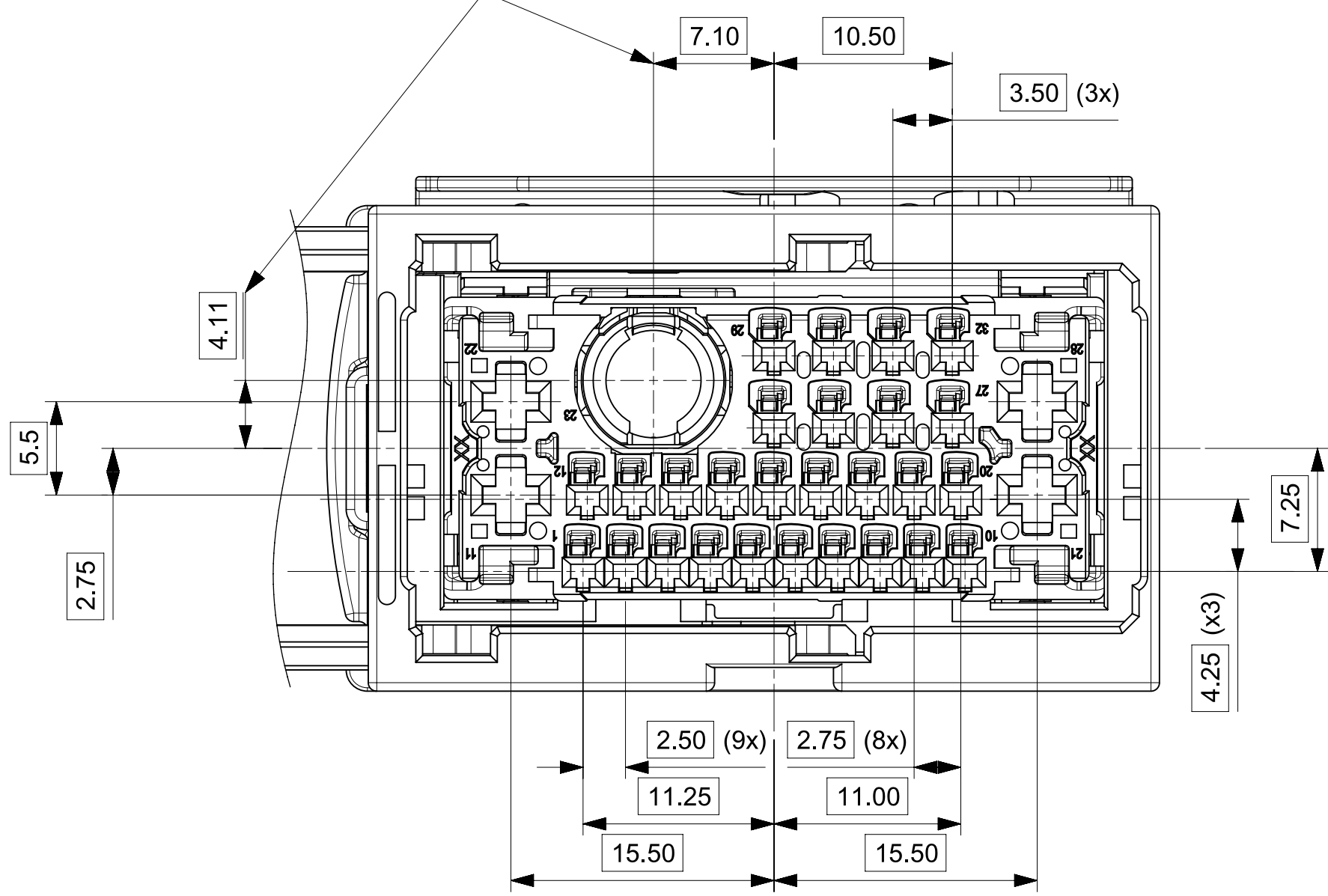
A1

GENERAL MARKET

2 OF 4

CAVITIES LOCATION

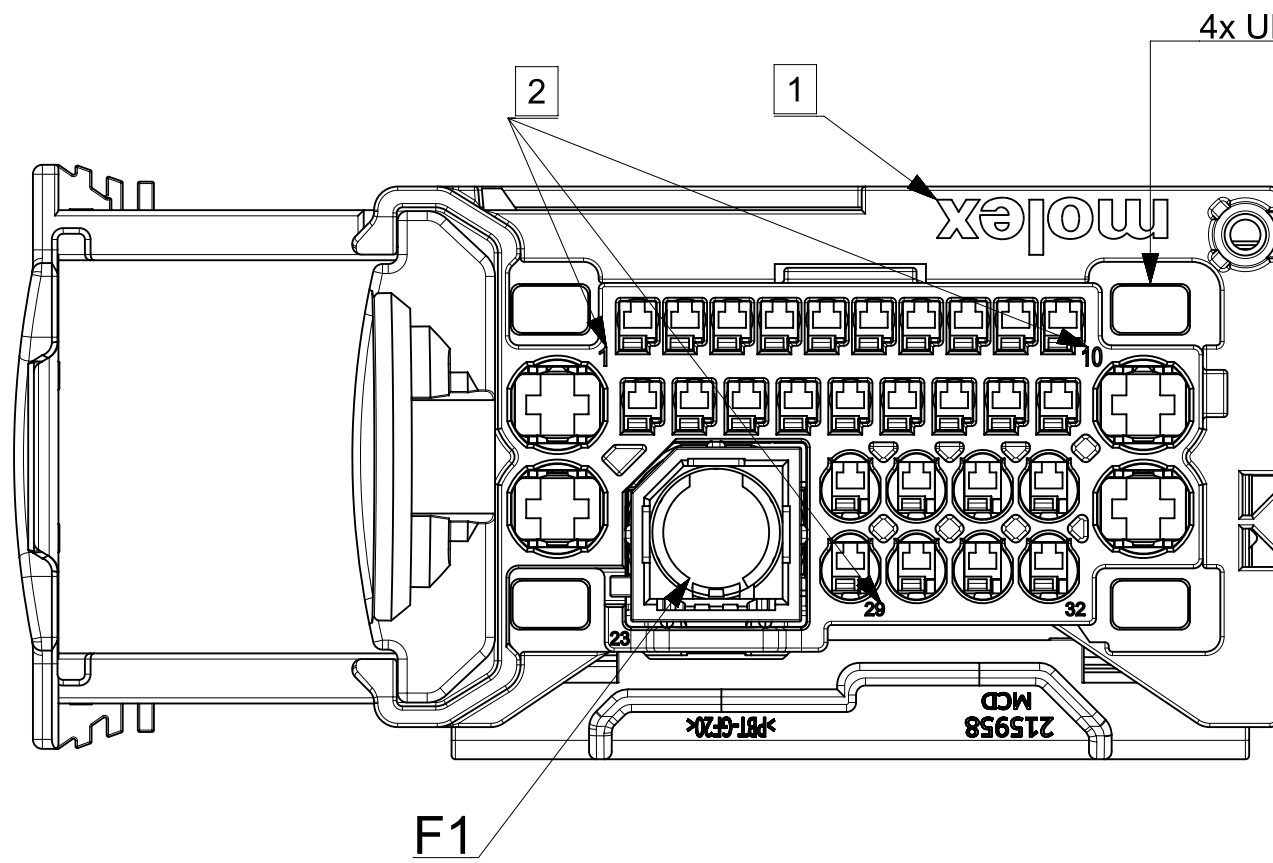
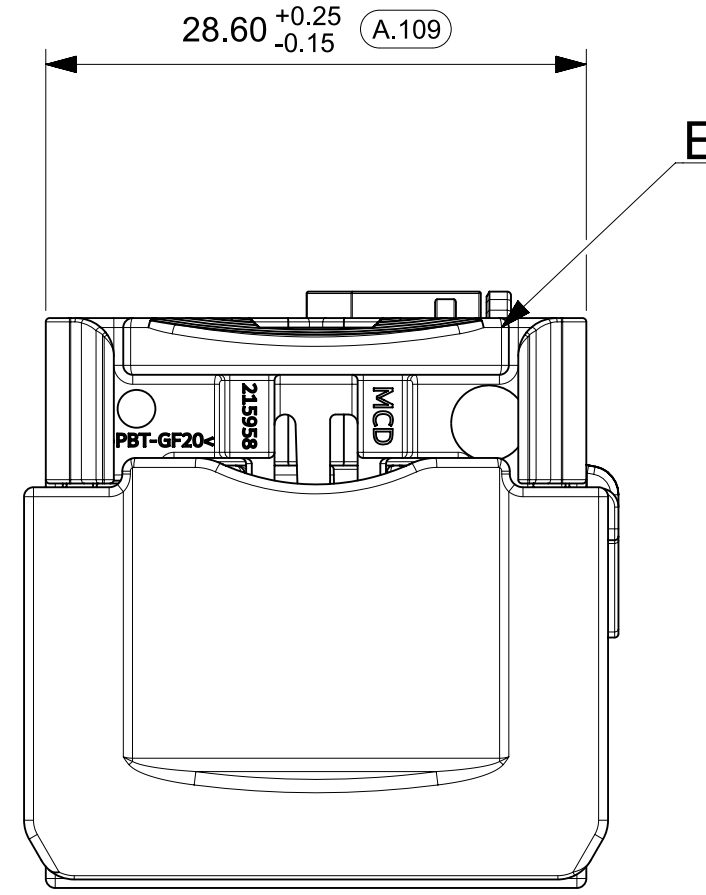
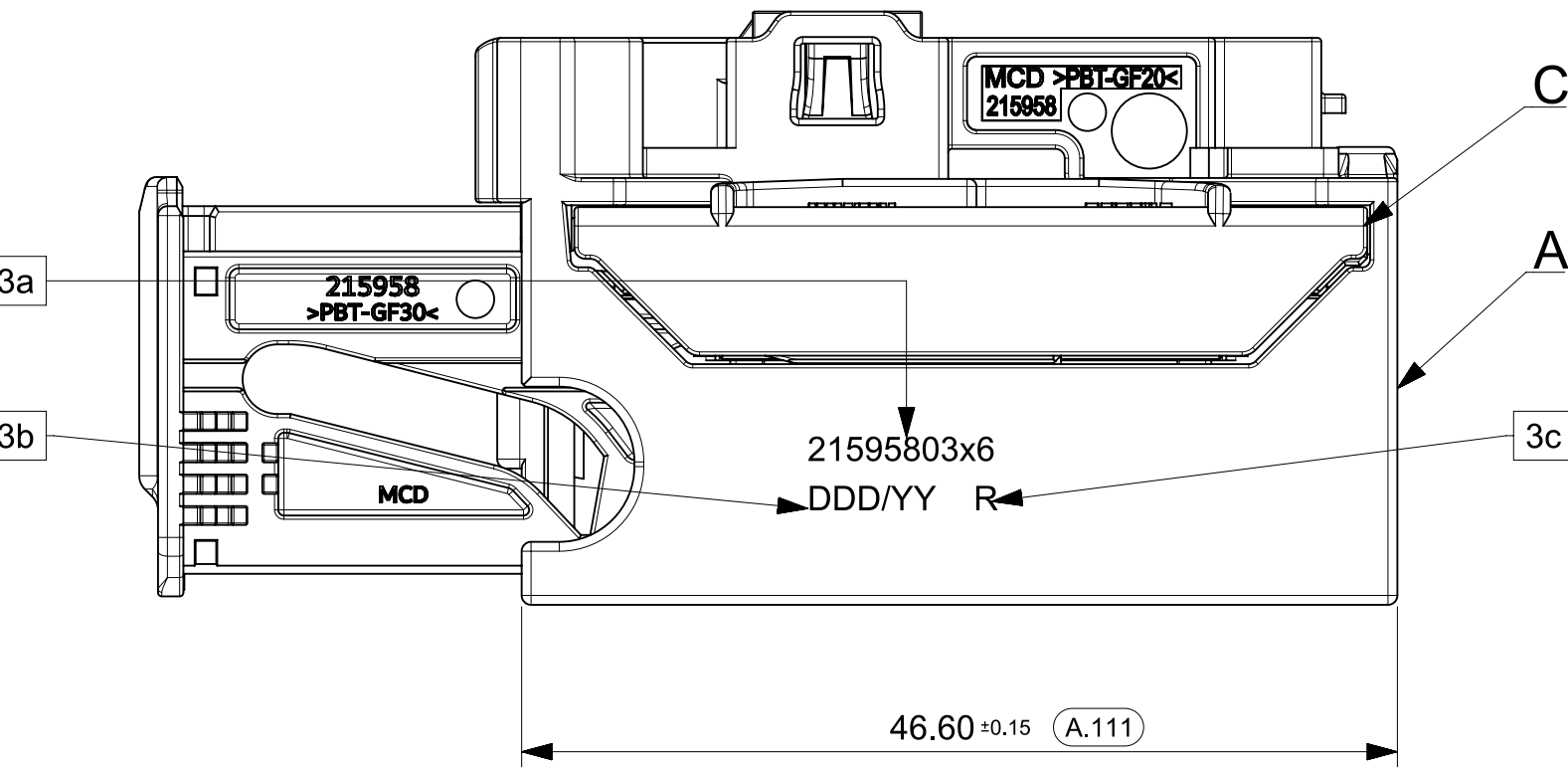
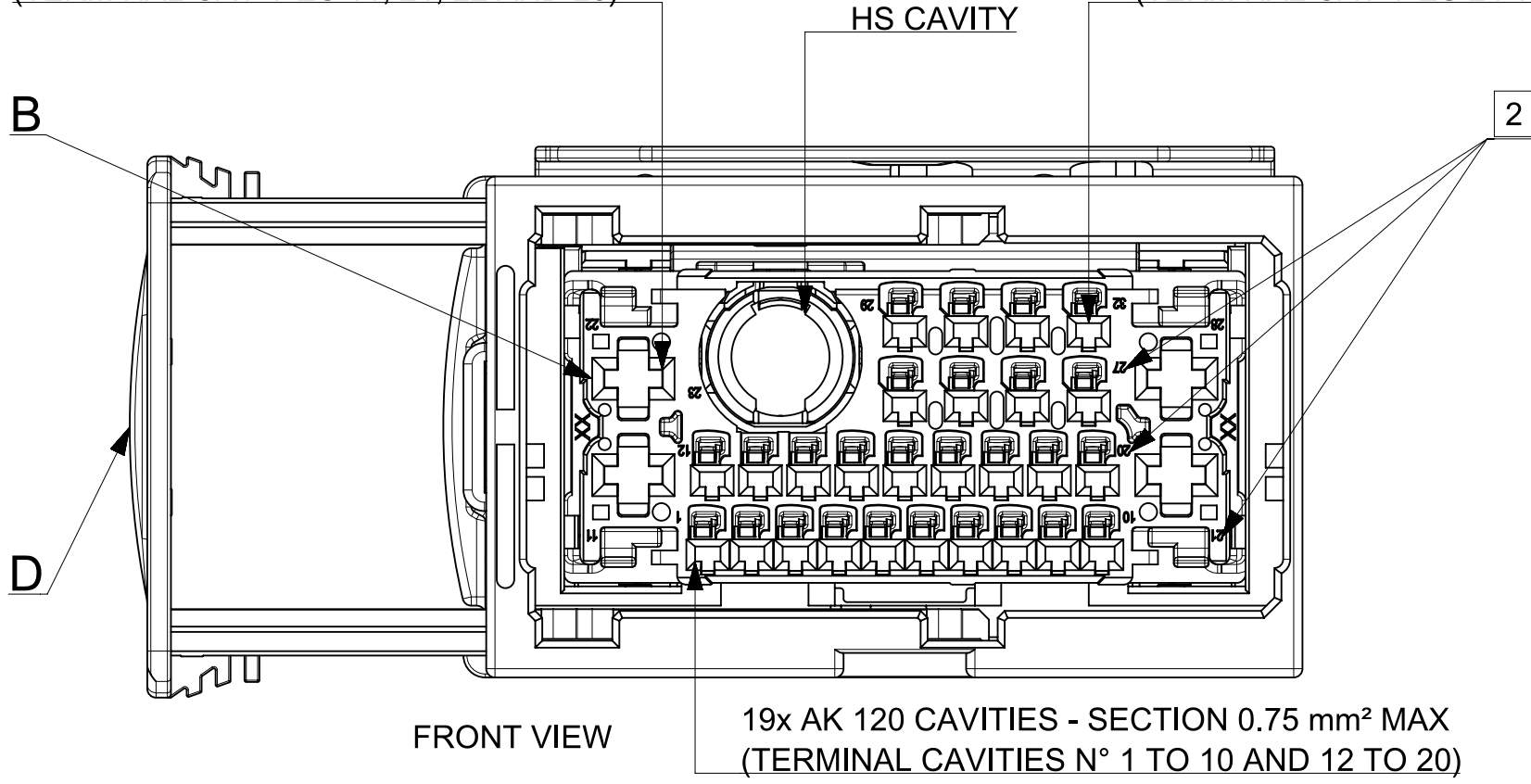
THESE DIMENSIONS ARE APPLICABLE
TO THE 3 DIFFERENT VERSIONS:
HSD, Mini Coax AND MGE



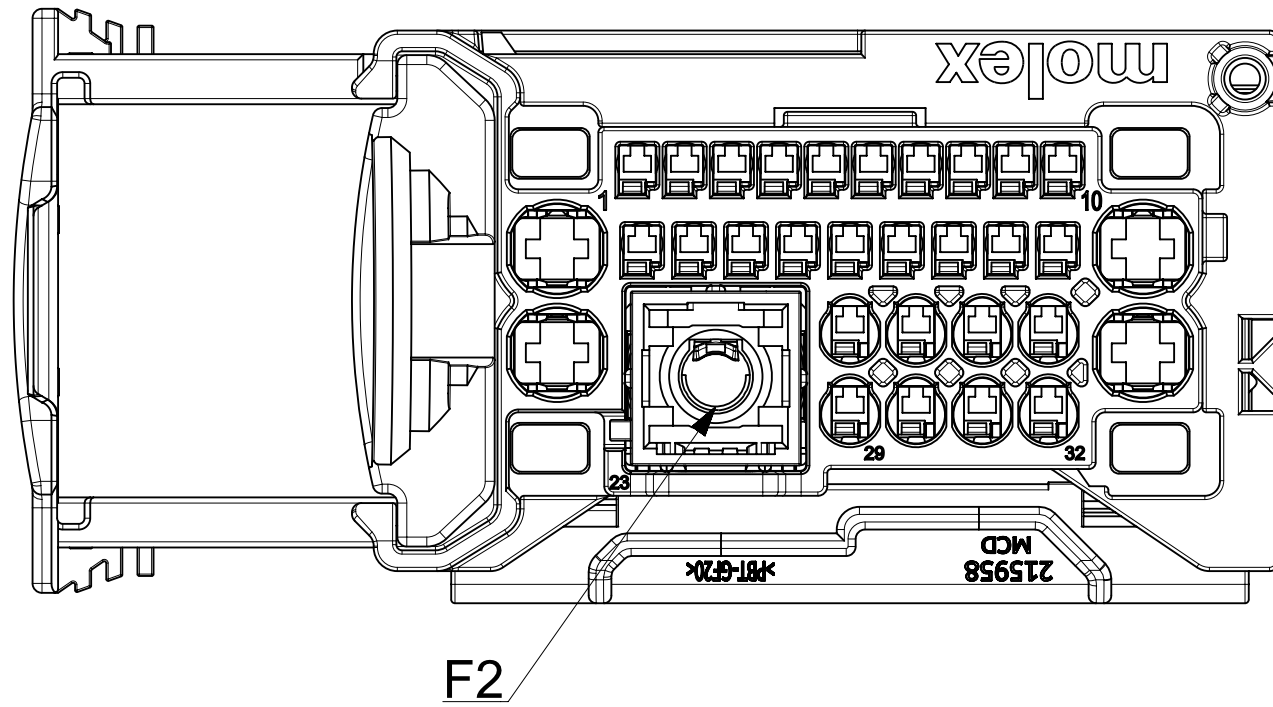
PRODUCT DEFINITION

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

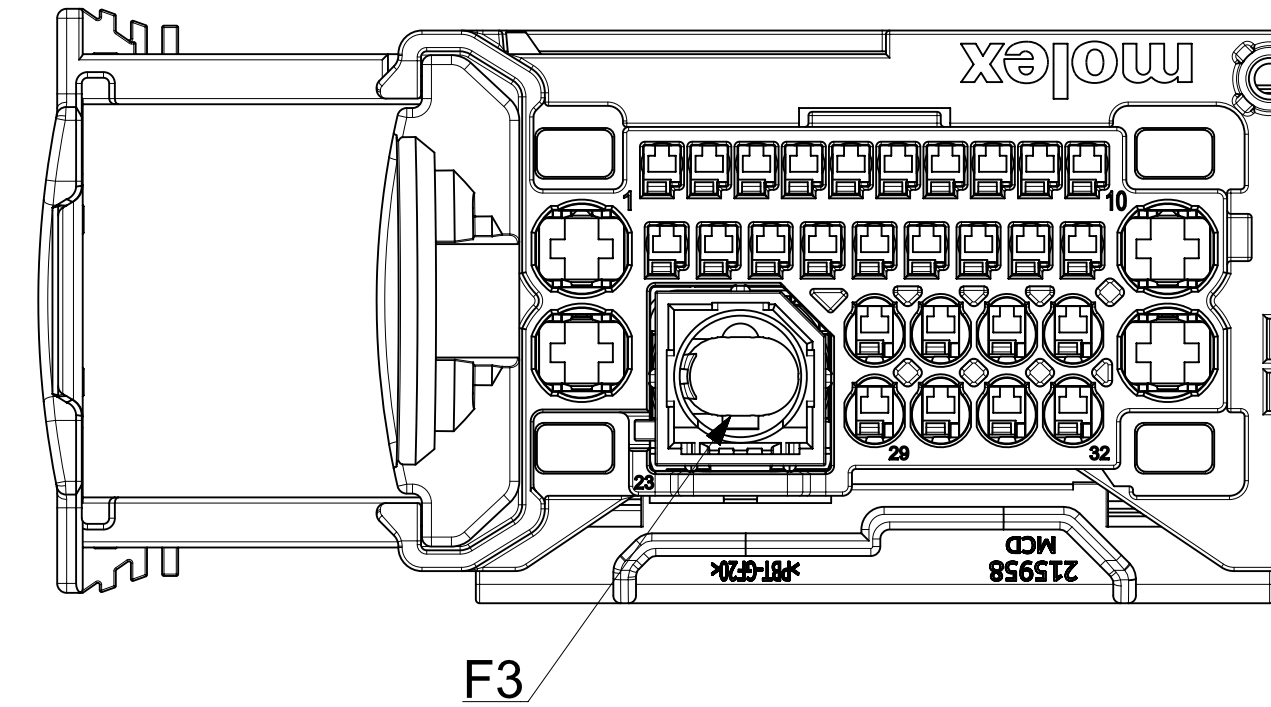
8x AK 120 CAVITIES - SECTION 1.5 mm² MAX
(TERMINAL CAVITIES 24 TO 27 AND 29 TO 32)



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	-

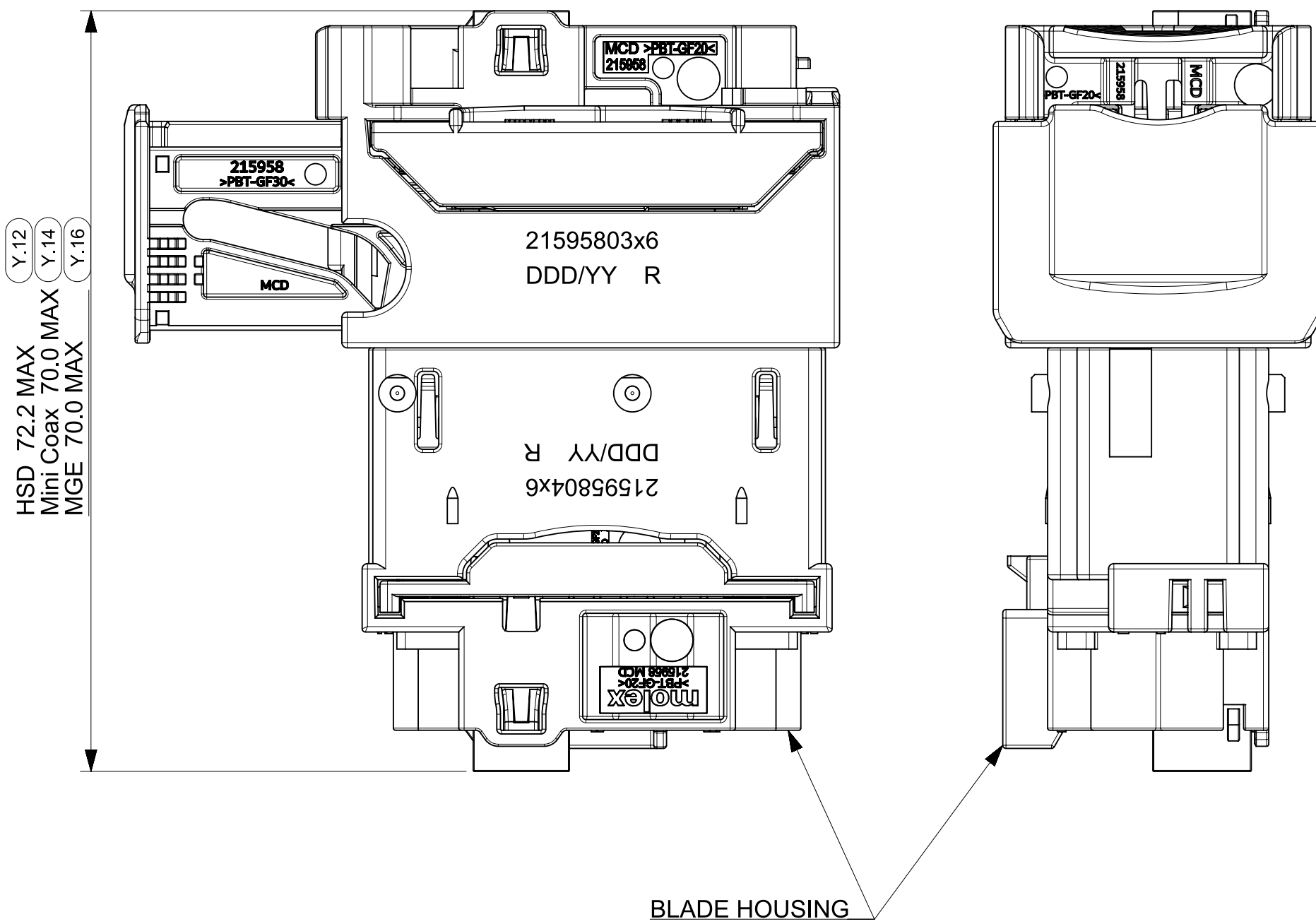
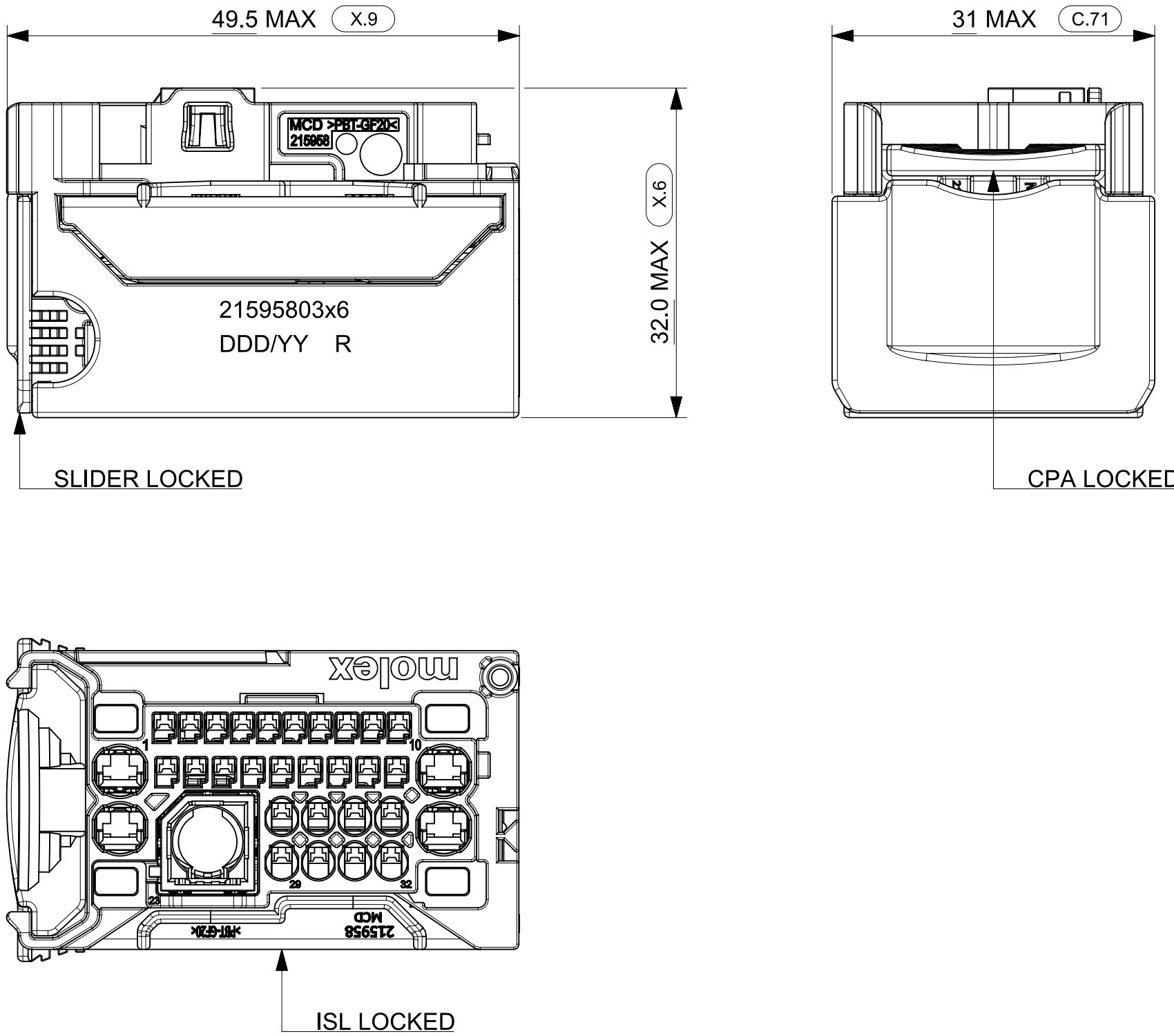
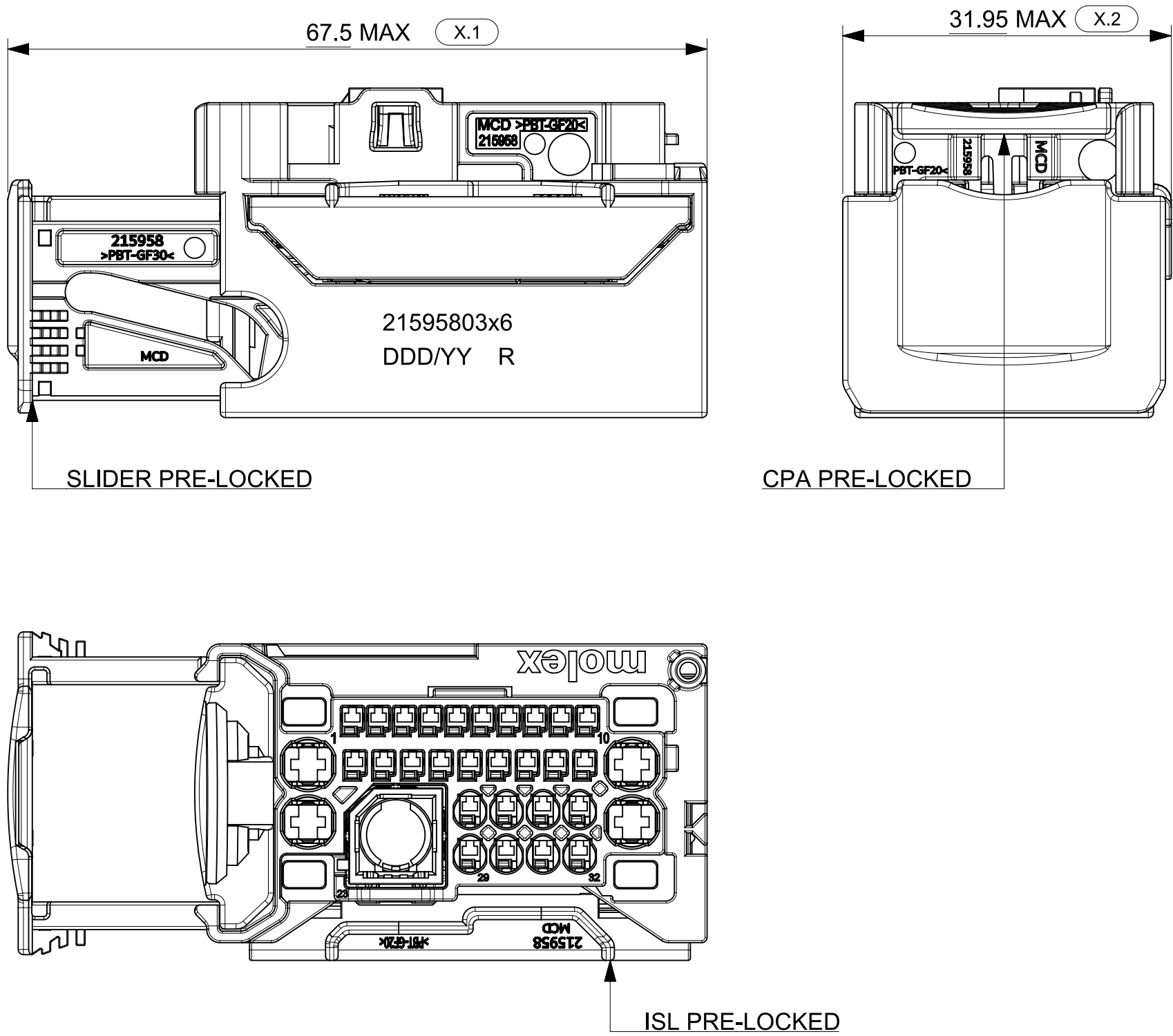
MARKINGS

- 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		molex MX-DaSH_32CKT ASSY RCPT HSG											
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				STATUS: Production											
				DRWN: Valerie Jous		2023-11-30									
				CHK'D: OlivierPlessis		2024-04-19									
				APPR: Matthieu Huguet		2024-04-19									
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			

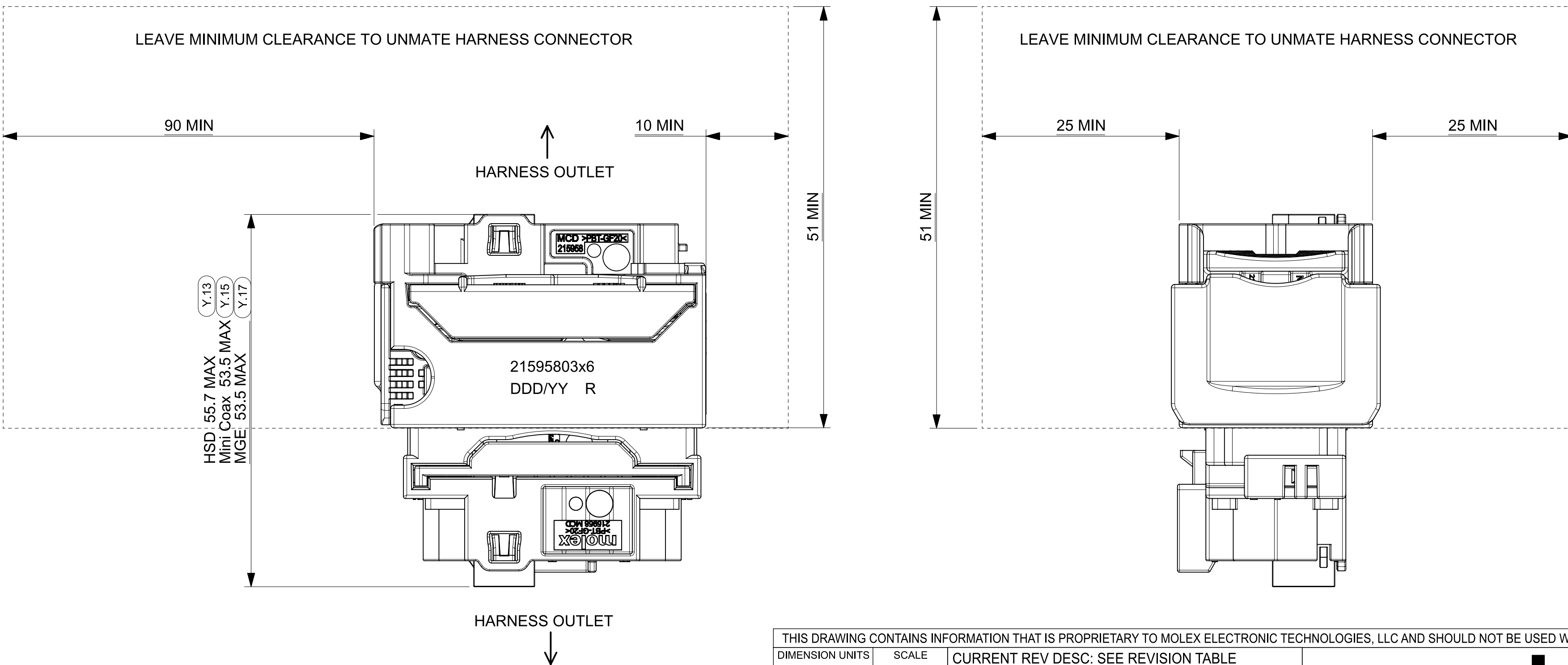
OVERALL RECEPTACLE HOUSING DIMENSIONS
DELIVERY POSITION

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



BEFORE MATING POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS



FULLY MATED POSITION

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE															
mm		2:1		molex MX-DaSH_32CKT ASSY RCPT HSG PRODUCT SALES DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">2159580300-SD</td><td>PSD</td><td>000</td><td>A1</td></tr></table>						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	2159580300-SD		PSD	000	A1
DOCUMENT NUMBER		DOC TYPE	DOC PART							REVISION									
2159580300-SD		PSD	000							A1									
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
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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									