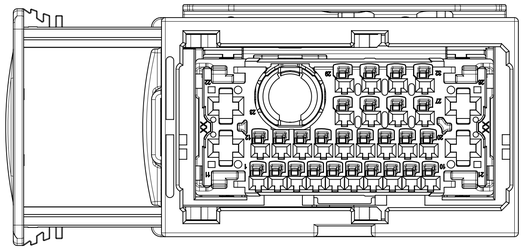
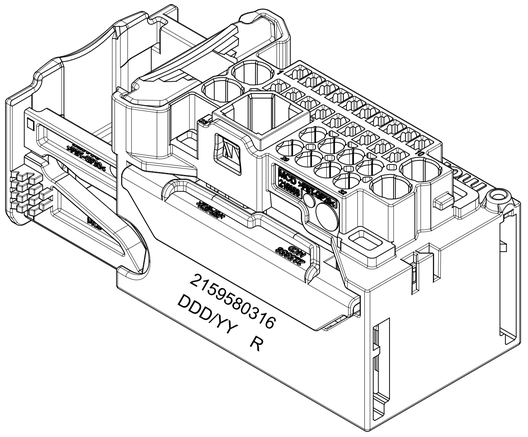
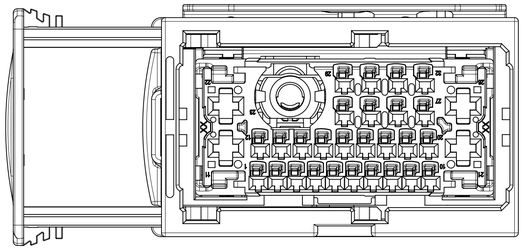
MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	VJ	2023-06-27
A1	SHEET 3 : ADD ASSOCIATED PARTS TABLE AND REVIEW MARKING 3c IN TABLE	VJ	2024-04-19

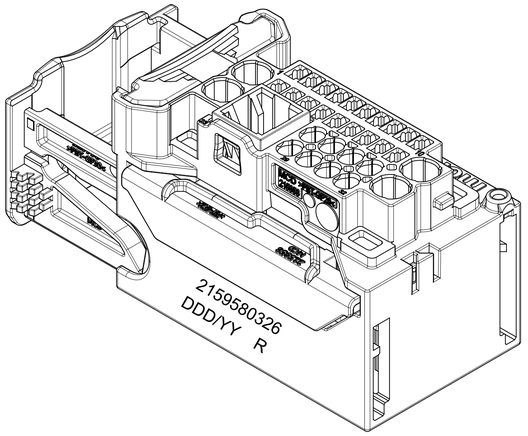


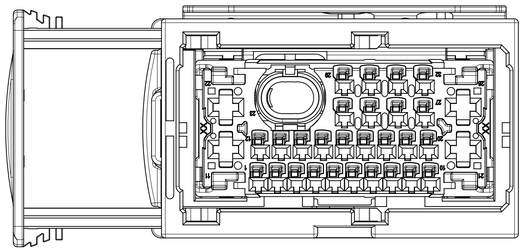
HSD FEMALE MODULE
KEYING F SHOWN



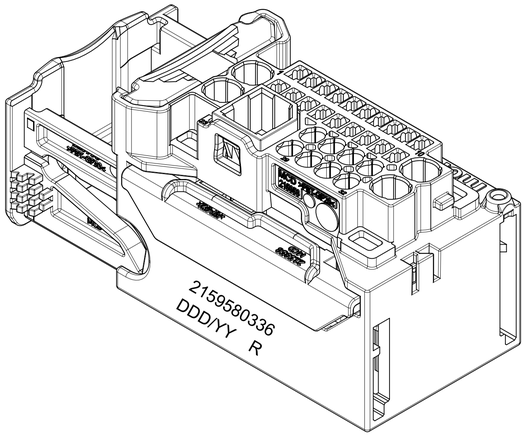


Mini Coax FEMALE MODULE
KEYING H SHOWN





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
mm	2.5:1

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 2023-11-30
CHK'D: OlivierPlessis 2024-04-19
APPR: Matthieu Huguet 2024-04-19

molex

MX-DaSH_32CKT ASSY RCPT HSG

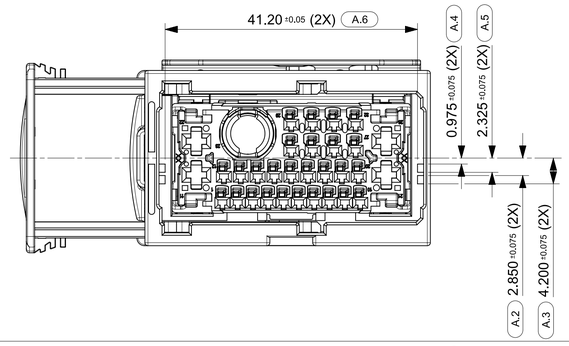
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580300-SD	PSD	000	A1

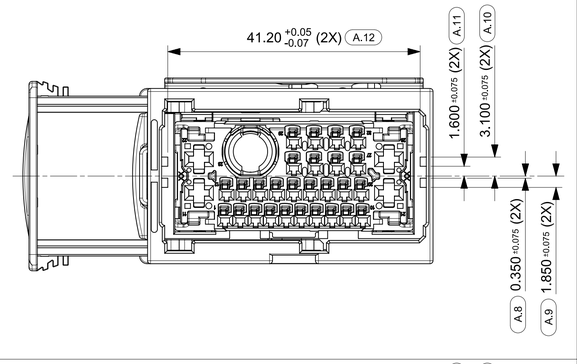
FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	215958	SEE SHEET 3	GENERAL MARKET	1 OF 4

KEYING DEFINITION

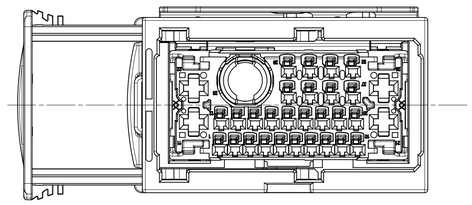
HSD MODULE	
KEYING	F
MOLEX PART NUMBER	2159580316
COLOR	BROWN
COMPATIBLE WITH BLADE HOUSING COLOR	BROWN



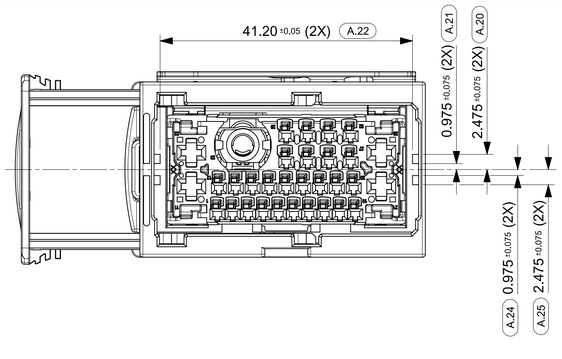
HSD MODULE	
KEYING	G
MOLEX PART NUMBER	2159580317
COLOR	GREEN
COMPATIBLE WITH BLADE HOUSING COLOR	GREEN



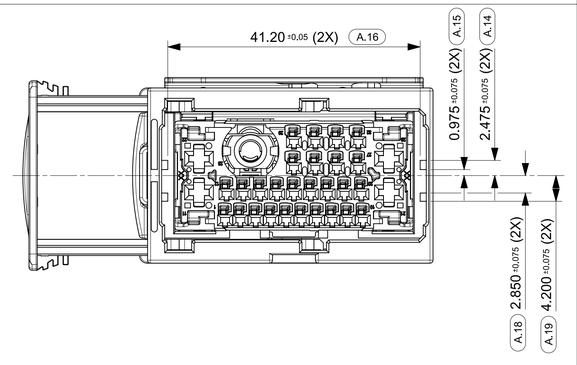
HSD MODULE	
KEYING	W
MOLEX PART NUMBER	2159580318
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



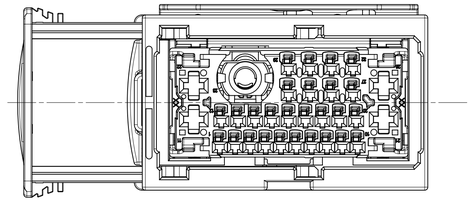
Mini Coax MODULE	
KEYING	H
MOLEX PART NUMBER	2159580326
COLOR	NATURAL - WHITE
COMPATIBLE WITH BLADE HOUSING COLOR	NATURAL - WHITE



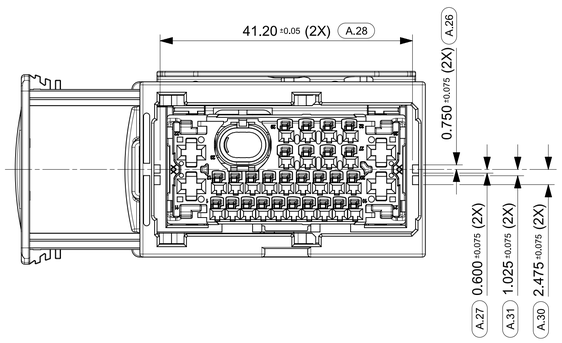
Mini Coax MODULE	
KEYING	J
MOLEX PART NUMBER	2159580327
COLOR	BLACK
COMPATIBLE WITH BLADE HOUSING COLOR	BLACK



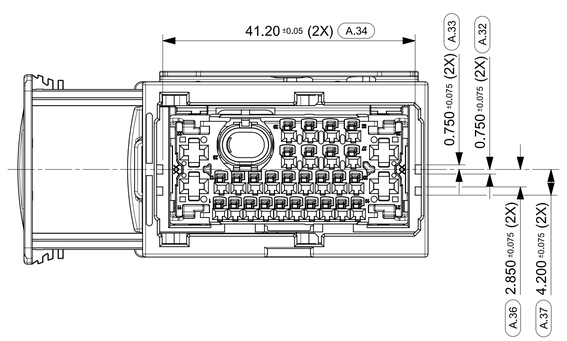
Mini Coax MODULE	
KEYING	X
MOLEX PART NUMBER	2159580328
COLOR	PURPLE
COMPATIBLE WITH BLADE HOUSING COLOR	PURPLE



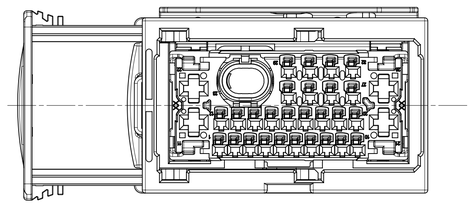
MGE MODULE	
KEYING	K
MOLEX PART NUMBER	2159580336
COLOR	GREY
COMPATIBLE WITH BLADE HOUSING COLOR	GREY



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	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

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production

DRWN:	Valerie Jouas	2023-11-30
CHK'D:	OlivierPlessis	2024-04-19
APPR:	Matthieu Huguet	2024-04-19

molex

MX-DaSH_32CKT ASSY RCPT HSG

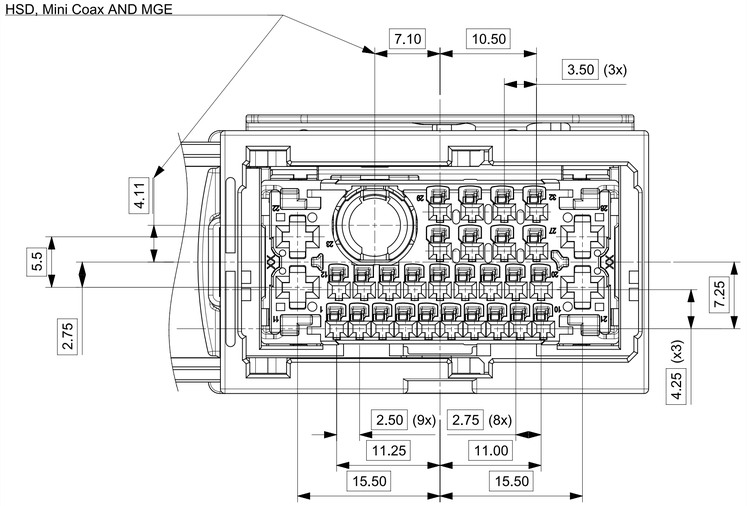
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580300-SD	PSD	000	A1

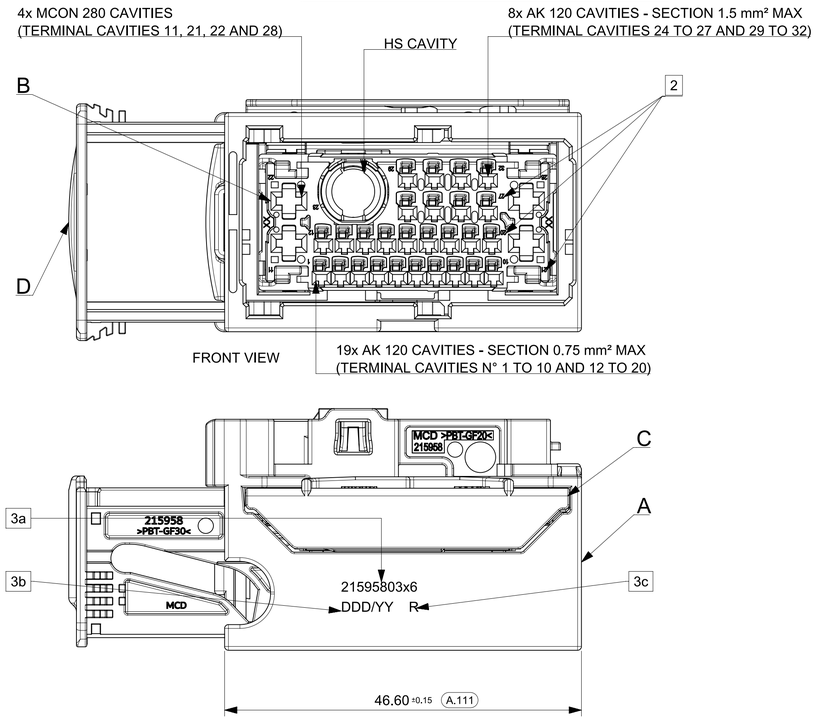
FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	215958	SEE SHEET 3	GENERAL MARKET	2 OF 4

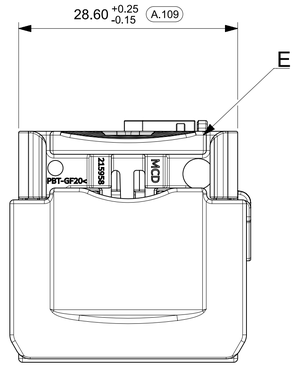
CAVITIES LOCATION

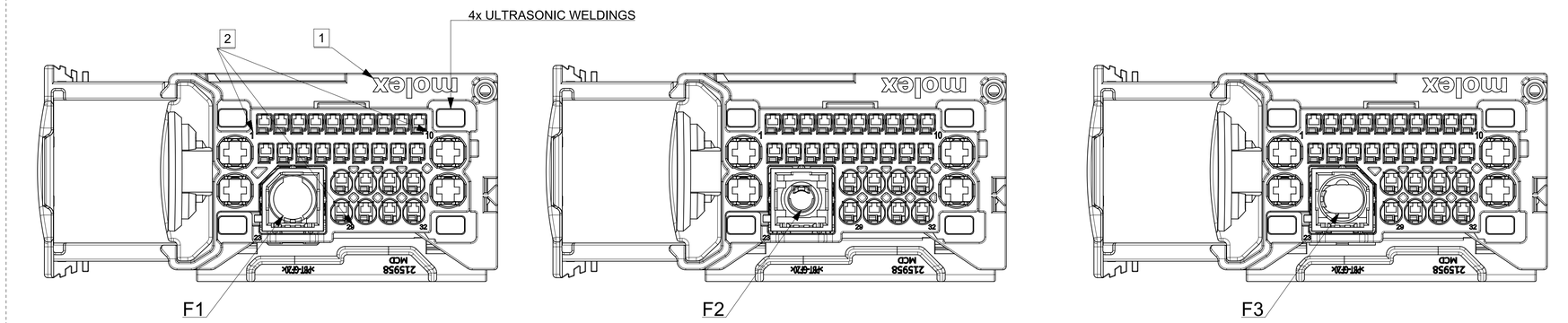
THESE DIMENSIONS ARE APPLICABLE
TO THE 3 DIFFERENT VERSIONS:
HSD, Mini Coax AND MGE



PRODUCT DEFINITION







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	1	HSD JACK MODULE	PBT-GF20	BLACK
F2		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	
MCP 280 FEMALE TERMINAL TE	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	
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

1 TRADE MARK

2 CAVITY ID

3 ASSY RECEPTACLE HOUSING LASER MARKING

- 3a PART NUMBER
- 3b DAY / YEAR
- 3c PART ASSEMBLY REVISION

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DIMENSION UNITS	SCALE
mm	2.5:1

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Valerie Jouas 2023-11-30
CHK'D: OlivierPlessis 2024-04-19
APPR: Matthieu Huguet 2024-04-19

FIRST ANGLE PROJECTION

molex

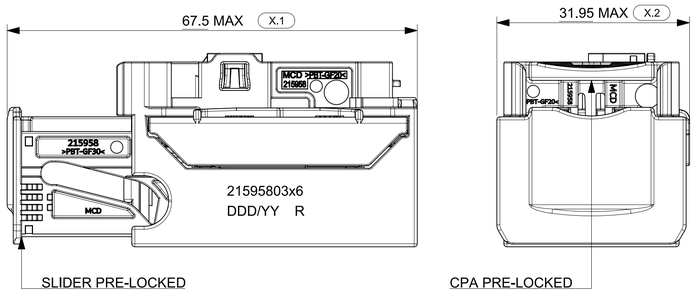
MX-DaSH_32CKT ASSY RCPT HSG

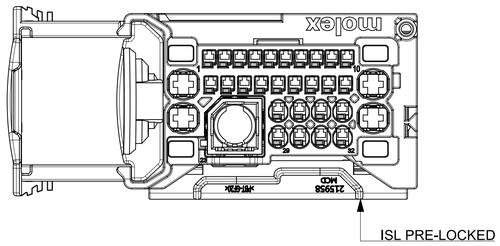
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580300-SD	PSD	000	A1

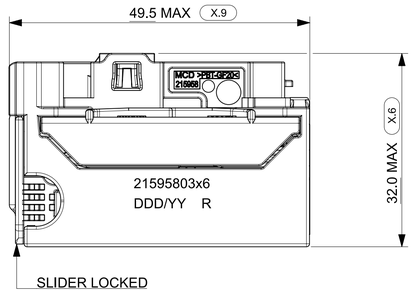
DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
A1-SIZE	215958	SEE TABLE	GENERAL MARKET	3 OF 4

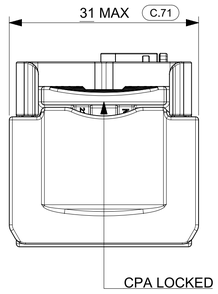
OVERALL RECEPTACLE HOUSING DIMENSIONS
DELIVERY POSITION

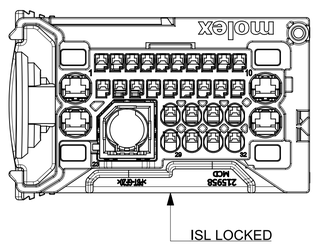


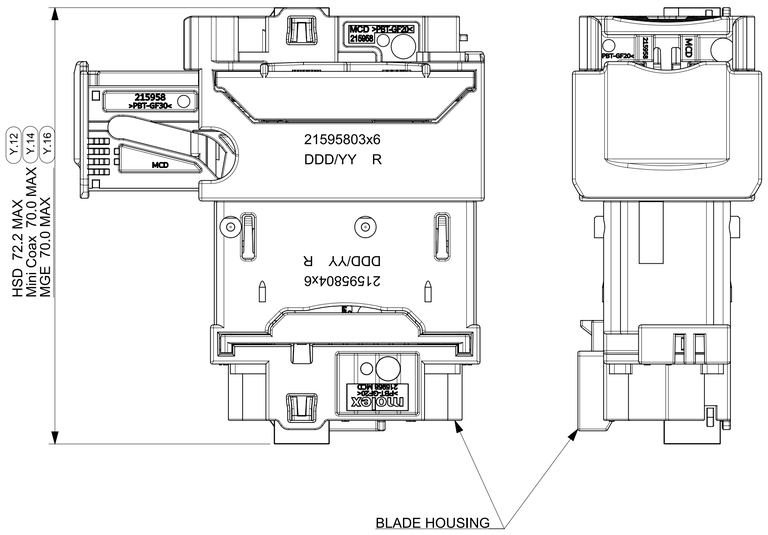


OVERALL RECEPTACLE HOUSING DIMENSIONS
- ISL LOCKED / SLIDER LOCKED / CPA LOCKED -

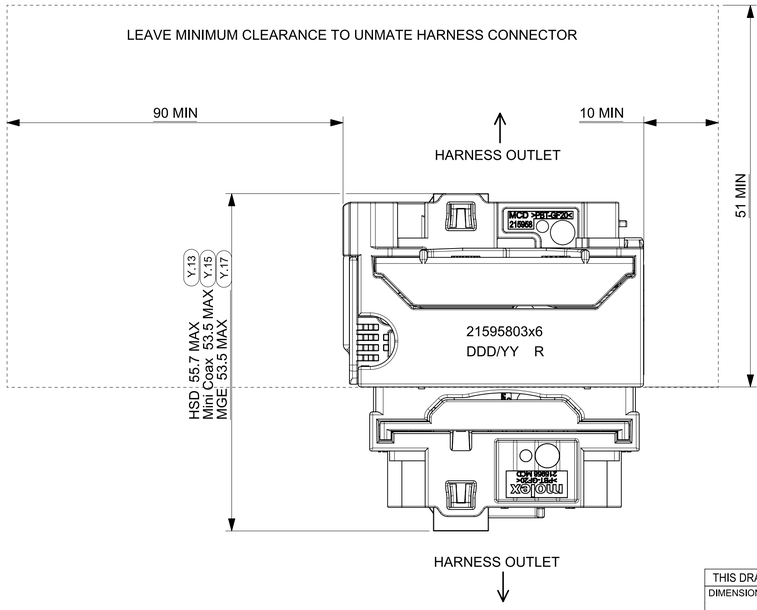


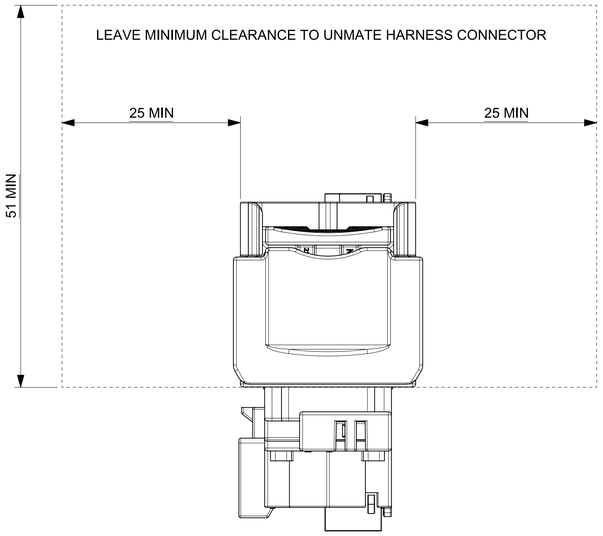






BEFORE MATING POSITION





FULLY MATED POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REVISION TABLE

STATUS: Production
DRWN: Valerie Jouas 2023-11-30
CHK'D: OlivierPlessis 2024-04-19
APPR: Matthieu Huguet 2024-04-19

FIRST ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 215958

molex

MX-DaSH_32CKT ASSY RCPT HSG

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580300-SD	PSD	000	A1

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

FORMAT TEMPLATE A1
REVISION: B
DATE: 2022/08/01