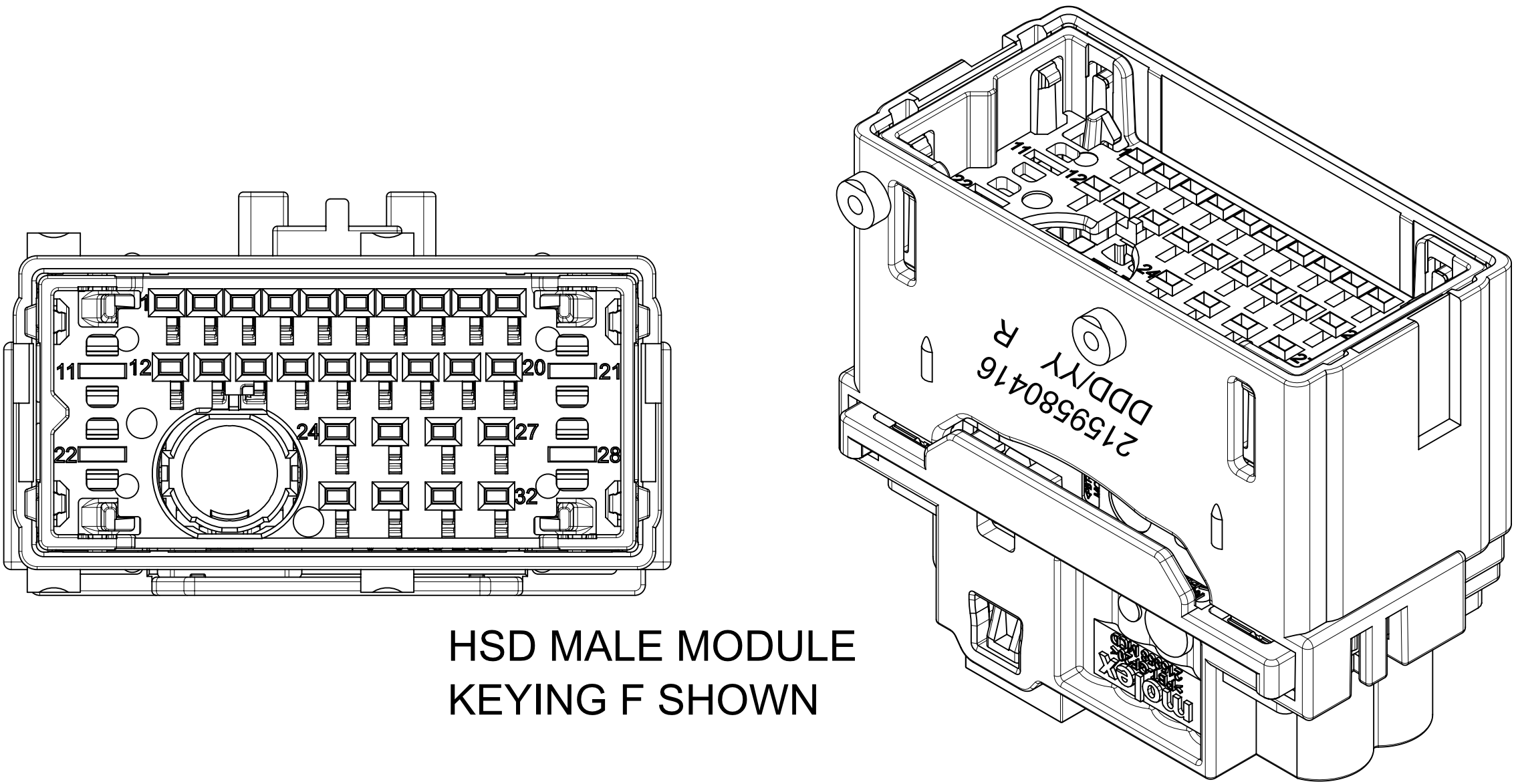
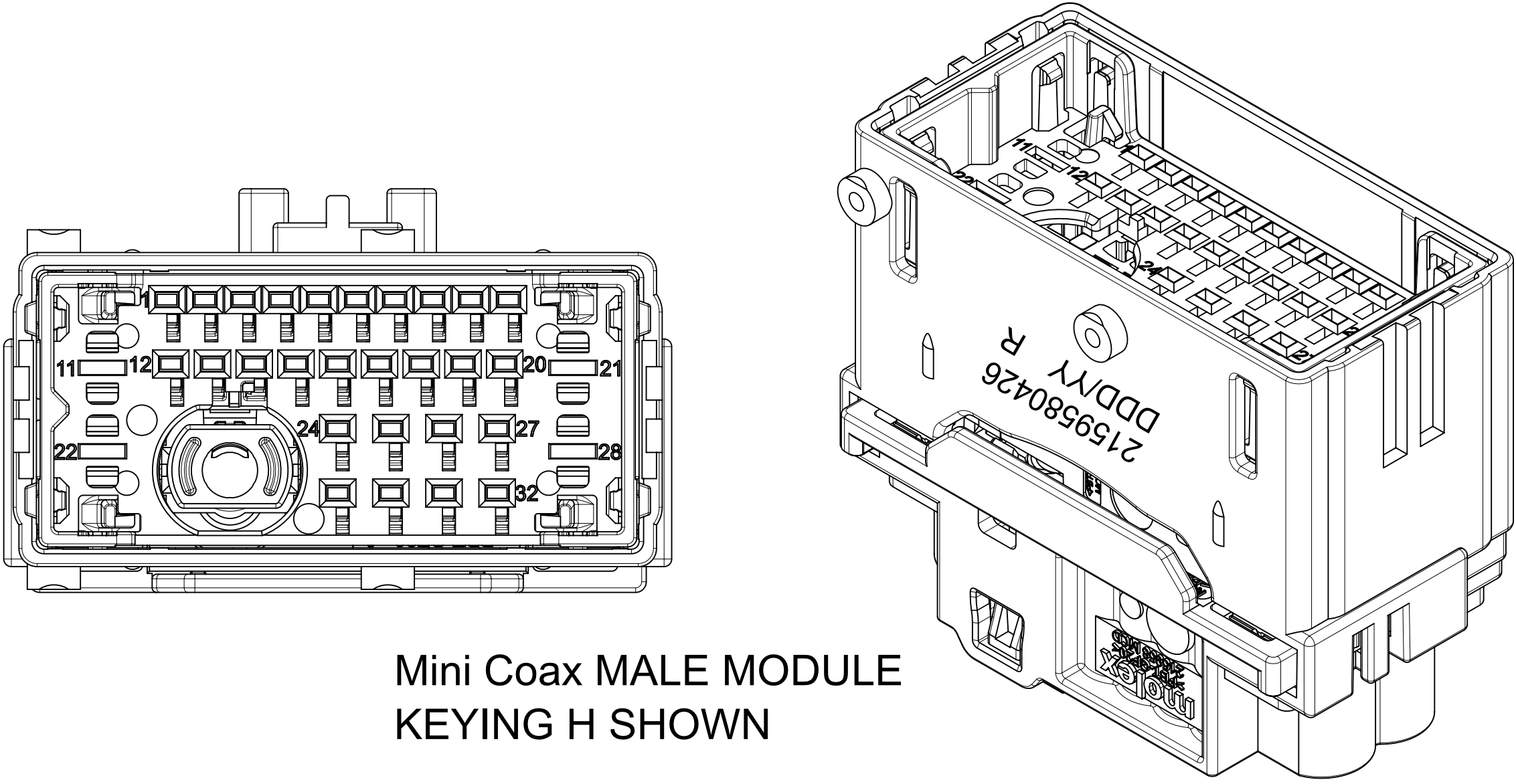


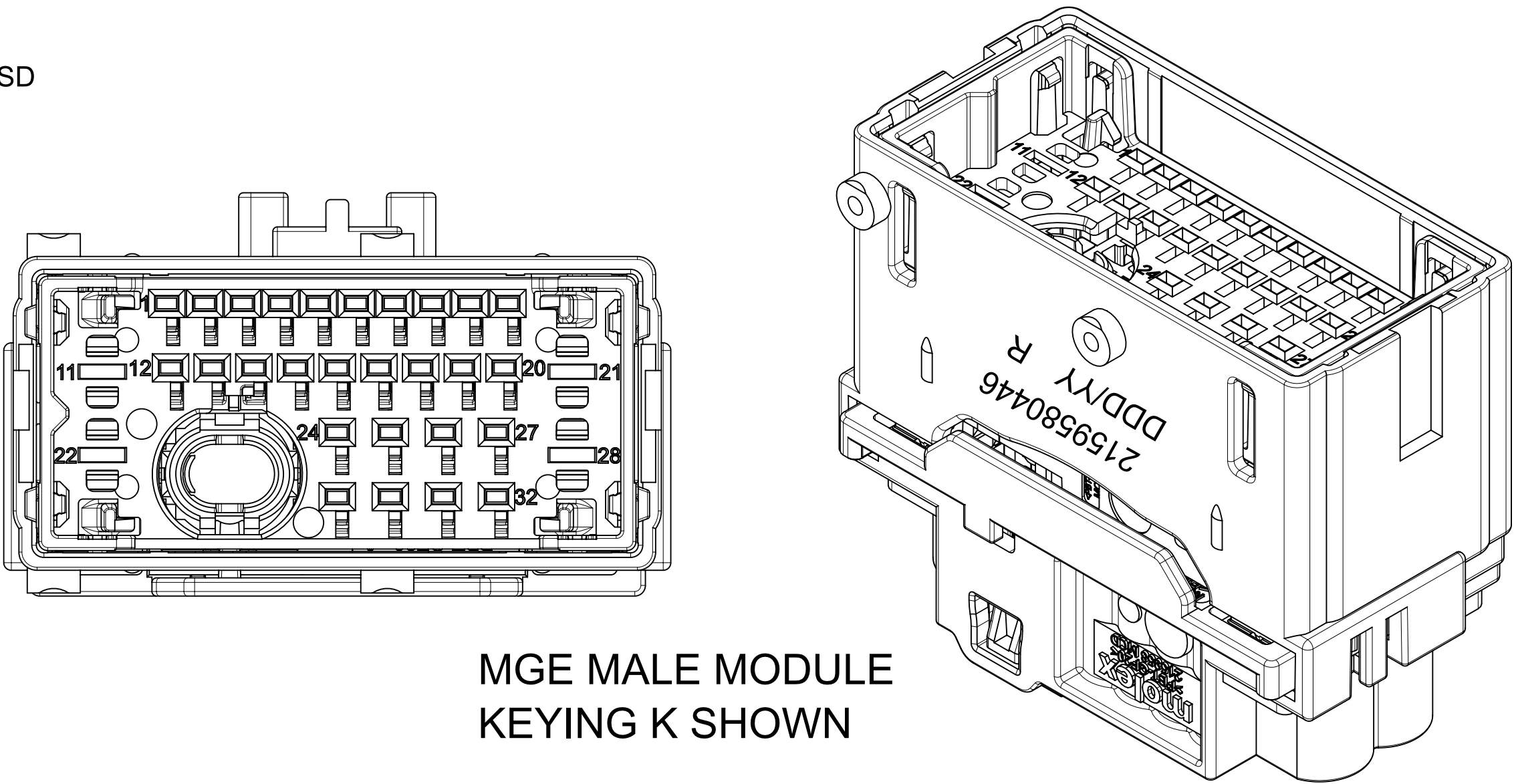
MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	VJ	2023-06-27
A1	SHEET 3 : REVIEW MARKING 3c IN TABLE ADD DIM E.110 , E.118 , E.119 , E.121 , E.123 ADD ASSOCIATED PARTS TABLE	VJ	2024-04-19



HSD MALE MODULE
KEYING F SHOWN



Mini Coax MALE MODULE
KEYING H SHOWN



MGE MALE MODULE
KEYING K SHOWN

- 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 : RECEPTACLE CONNECTOR DRAWING 2159580300-SD
 - CONNECTOR MATING FORCE ALLOWED : 65 N MAXI
 - WEIGHT (GRAMS) :

HSD VERSION : 18.11 g MAX

Mini Coax VERSION : 19.21 g MAX

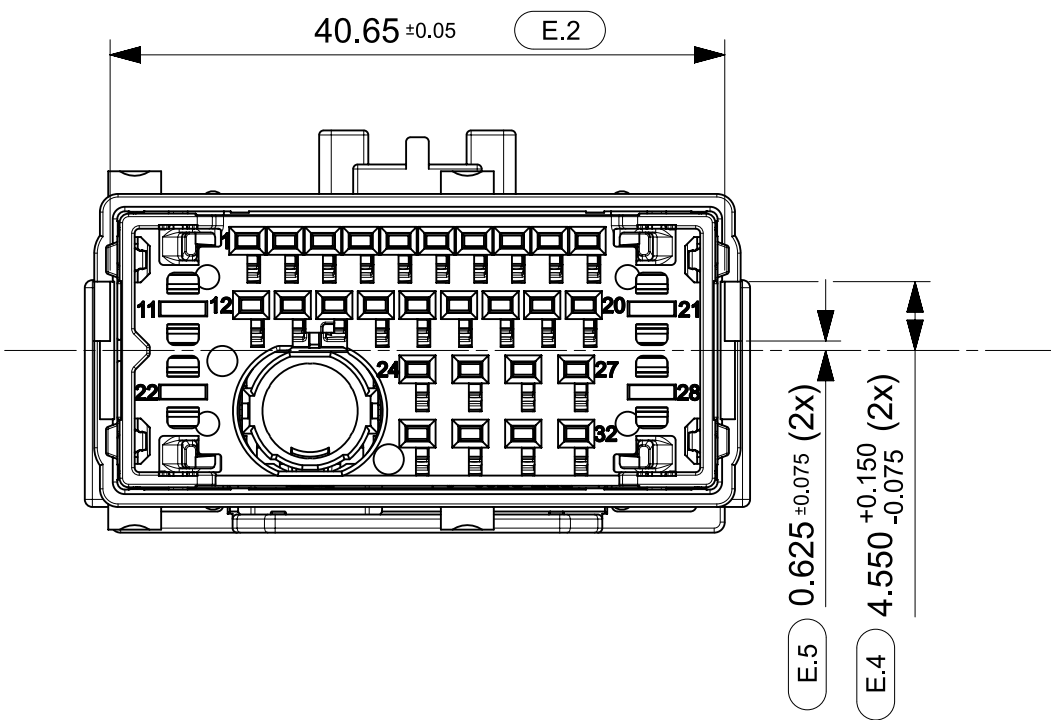
MGE VERSION : 19.24 g MAX
 - DESIGN - MATERIALS:

SEE TABLE ON SHEET 3

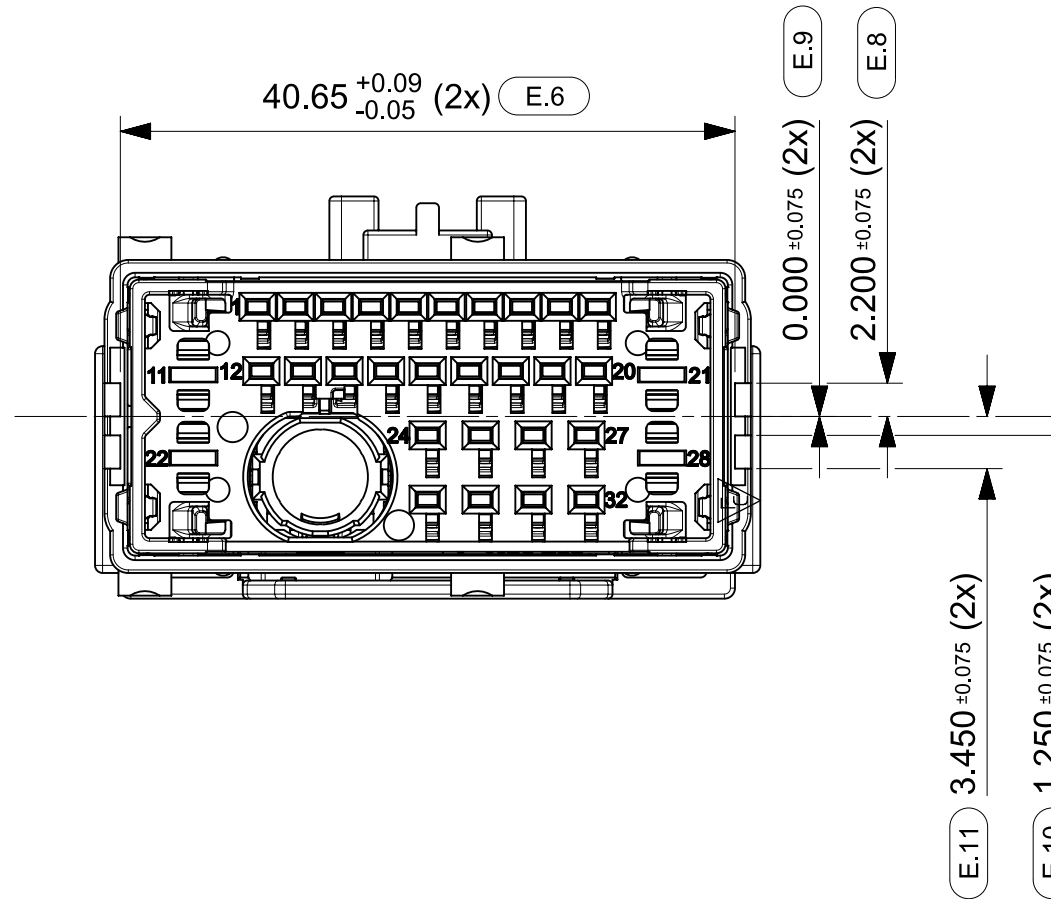
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE									
mm		3:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production 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					
molex MX-DaSH_32CKT ASSY BLADE HSG						PRODUCT SALES DRAWING							
						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						2159580400-SD		PSD		000		A1	
				MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
				SEE SHEET 3		GENERAL MARKET				1 OF 4			

KEYING DEFINITION

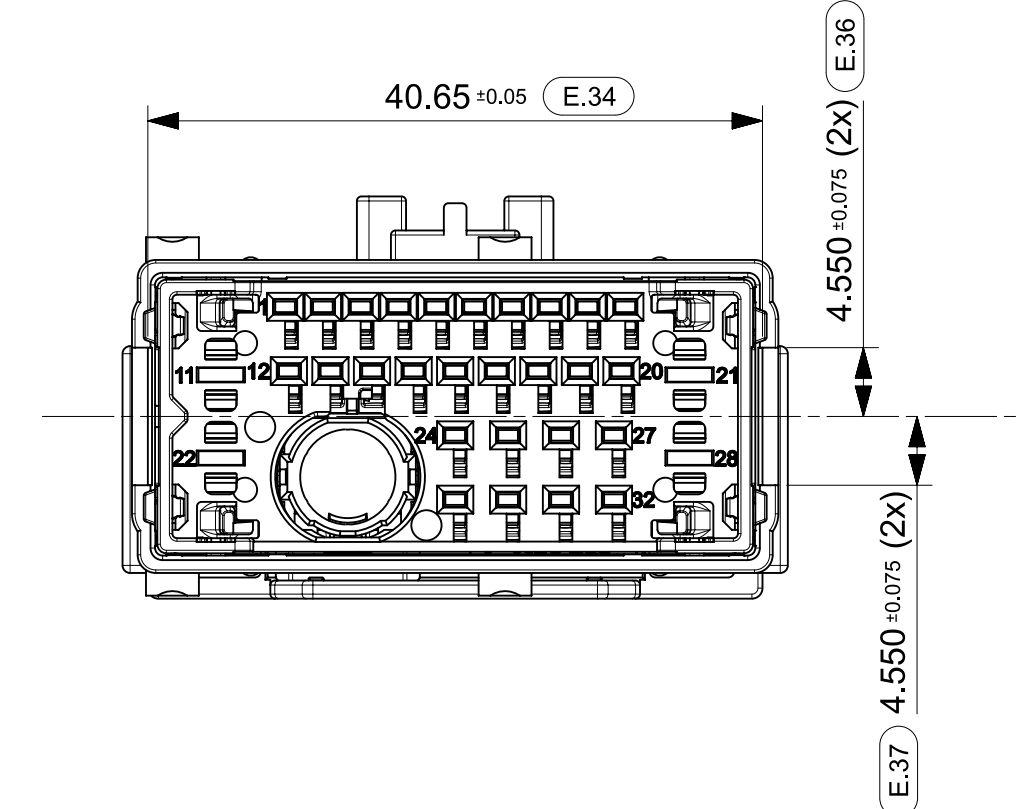
HSD MODULE	
KEYING	F
MOLEX PART NUMBER	2159580416
COLOR	BROWN
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BROWN



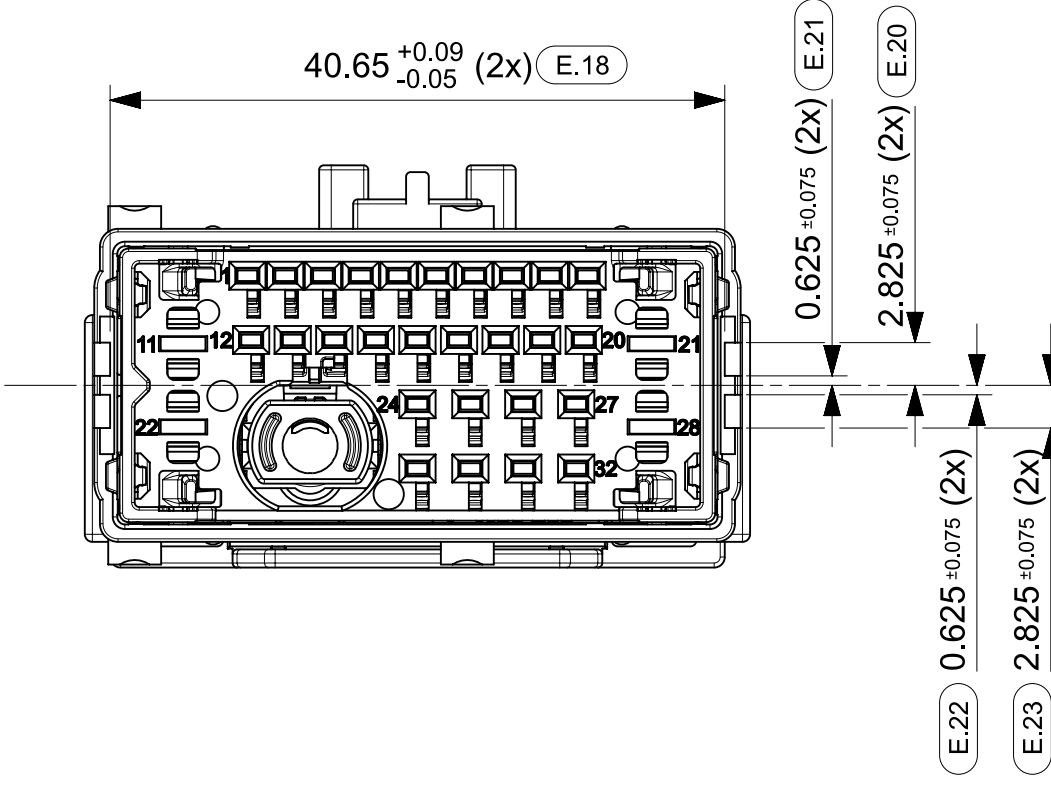
HSD MODULE	
KEYING	G
MOLEX PART NUMBER	2159580417
COLOR	GREEN
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	GREEN



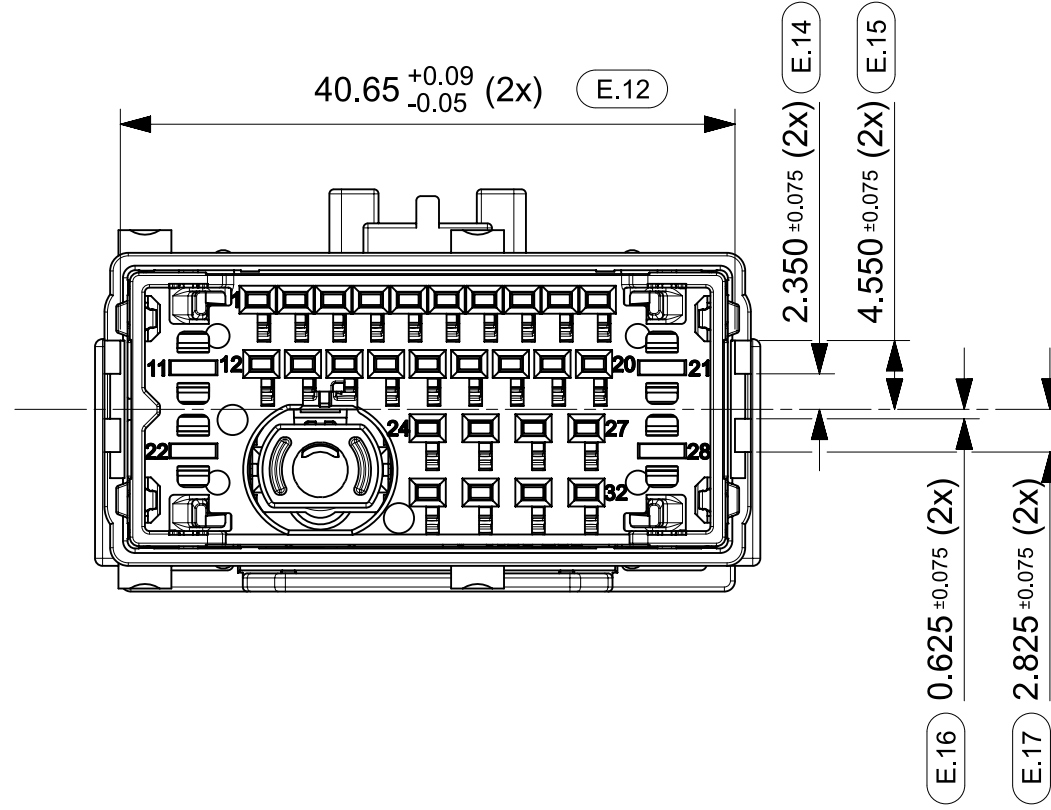
HSD MODULE	
KEYING	W
MOLEX PART NUMBER	2159580418
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	PURPLE



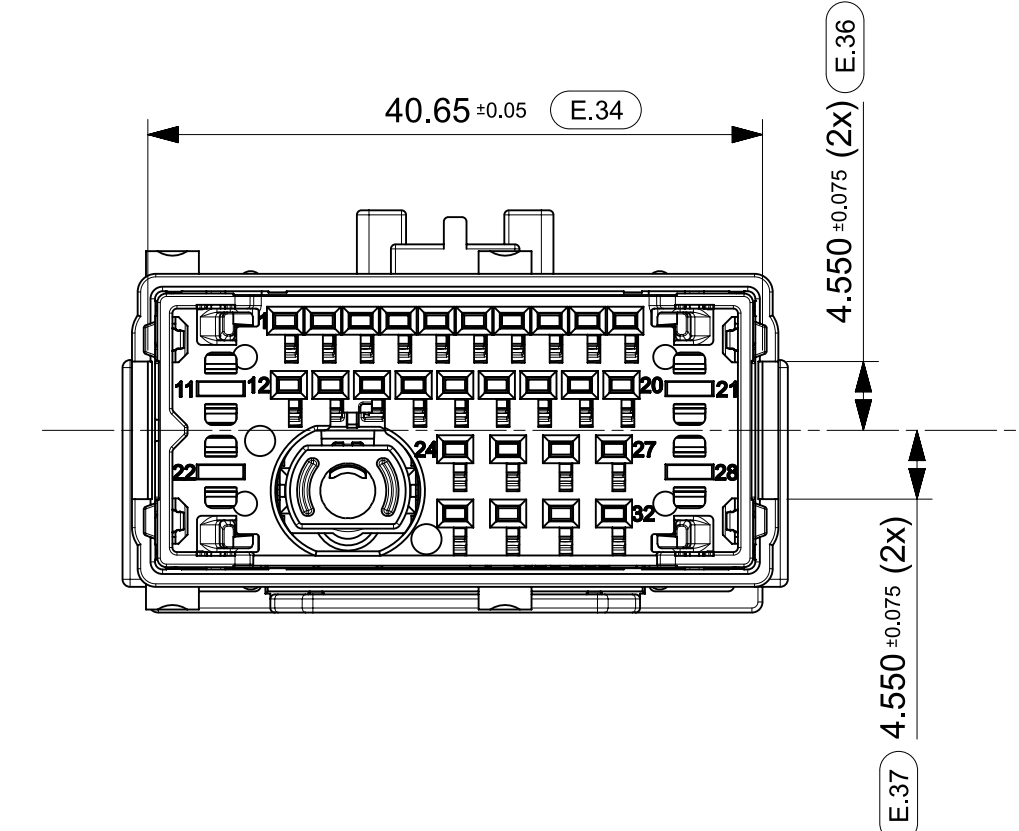
Mini Coax MODULE	
KEYING	H
MOLEX PART NUMBER	2159580426
COLOR	NATURAL - WHITE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	NATURAL - WHITE



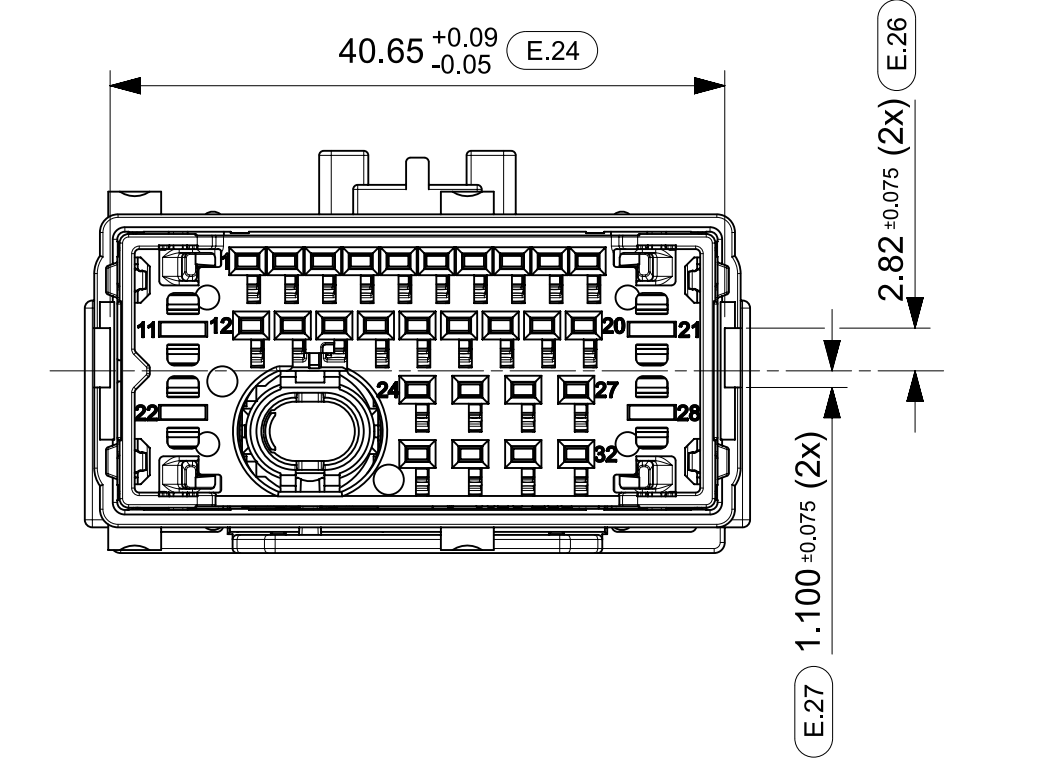
Mini Coax MODULE	
KEYING	J
MOLEX PART NUMBER	2159580427
COLOR	BLACK
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BLACK



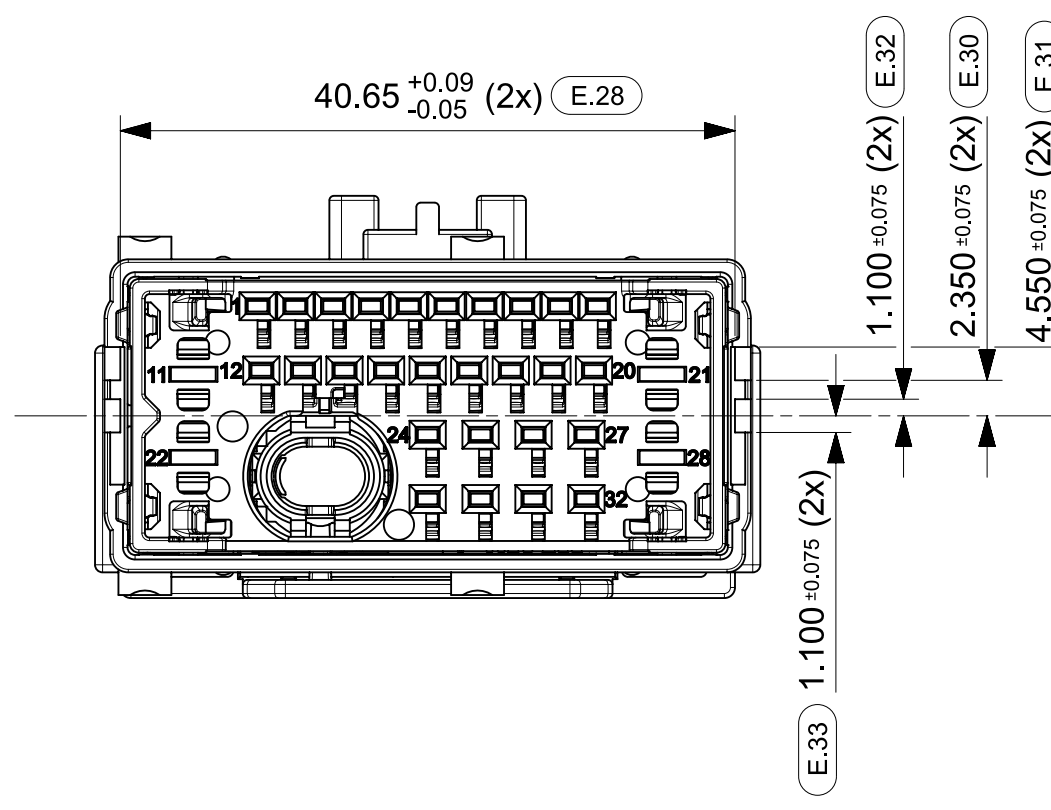
Mini Coax MODULE	
KEYING	X
MOLEX PART NUMBER	2159580428
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	PURPLE



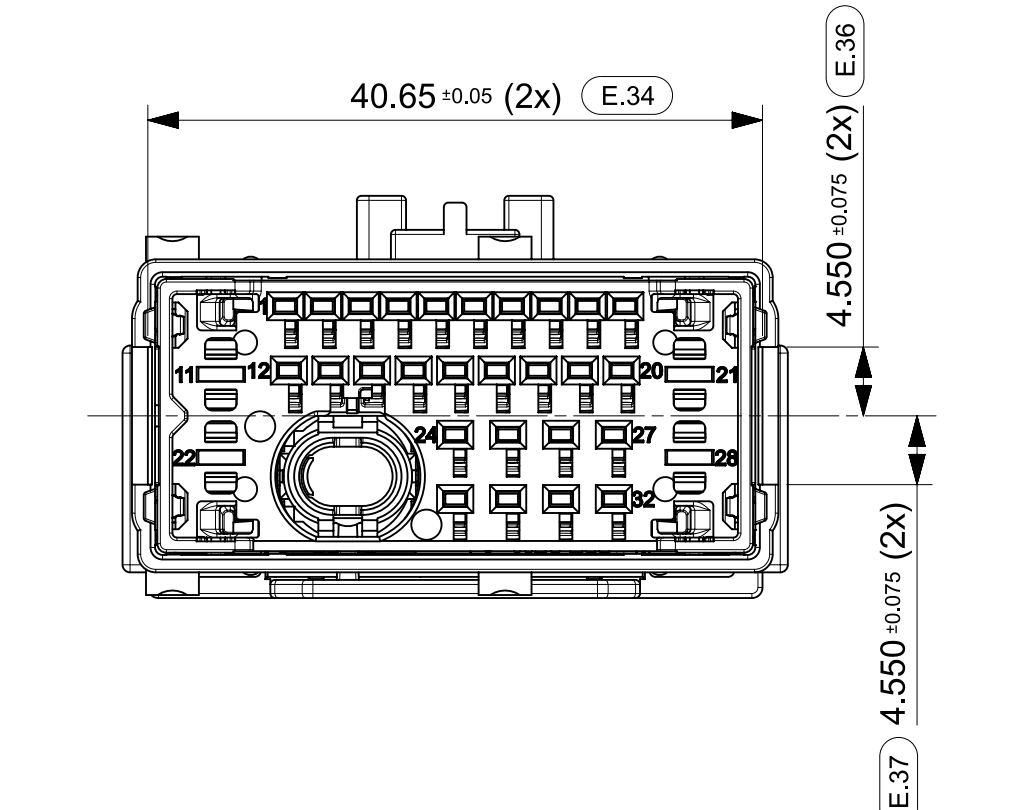
MGE MODULE	
KEYING	K
MOLEX PART NUMBER	2159580446
COLOR	GREY
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	GREY



MGE MODULE	
KEYING	L
MOLEX PART NUMBER	2159580447
COLOR	BLUE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BLUE



MGE MODULE	
KEYING	Y
MOLEX PART NUMBER	2159580448
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE 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

CHK'D: OlivierPlessis

APPR: Matthieu Huguet

2023-11-30

2024-04-19

2024-04-19

FIRST ANGLE PROJECTION

A1-SIZE

DRAWING

SERIES

215958

PRODUCT SALES DRAWING

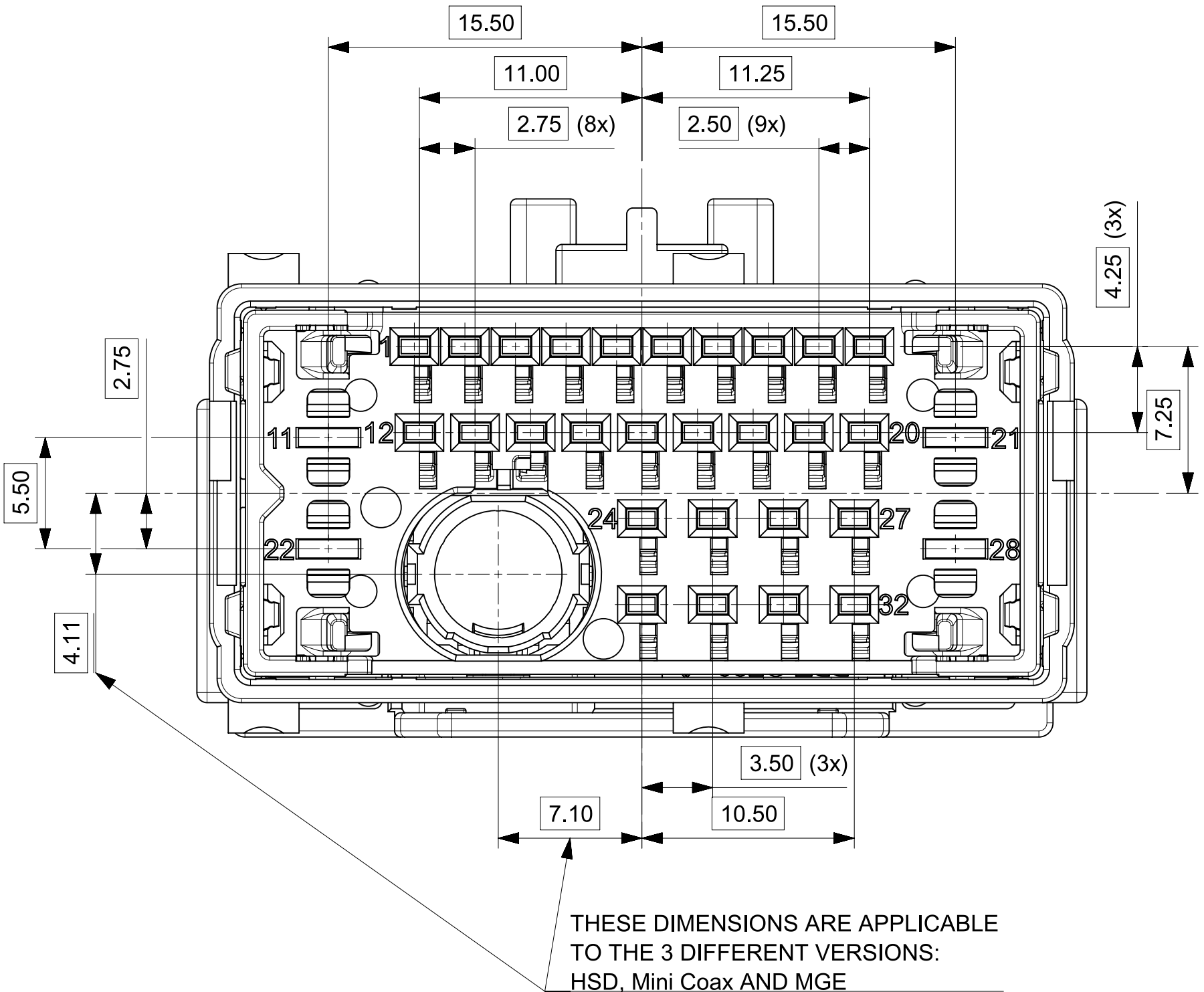
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580400-SD	PSD	000	A1

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

molex

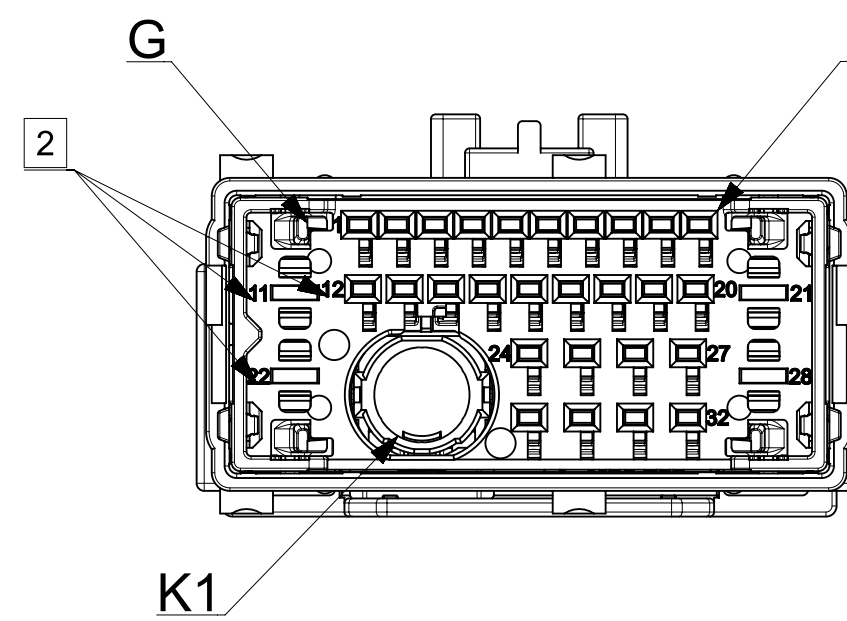
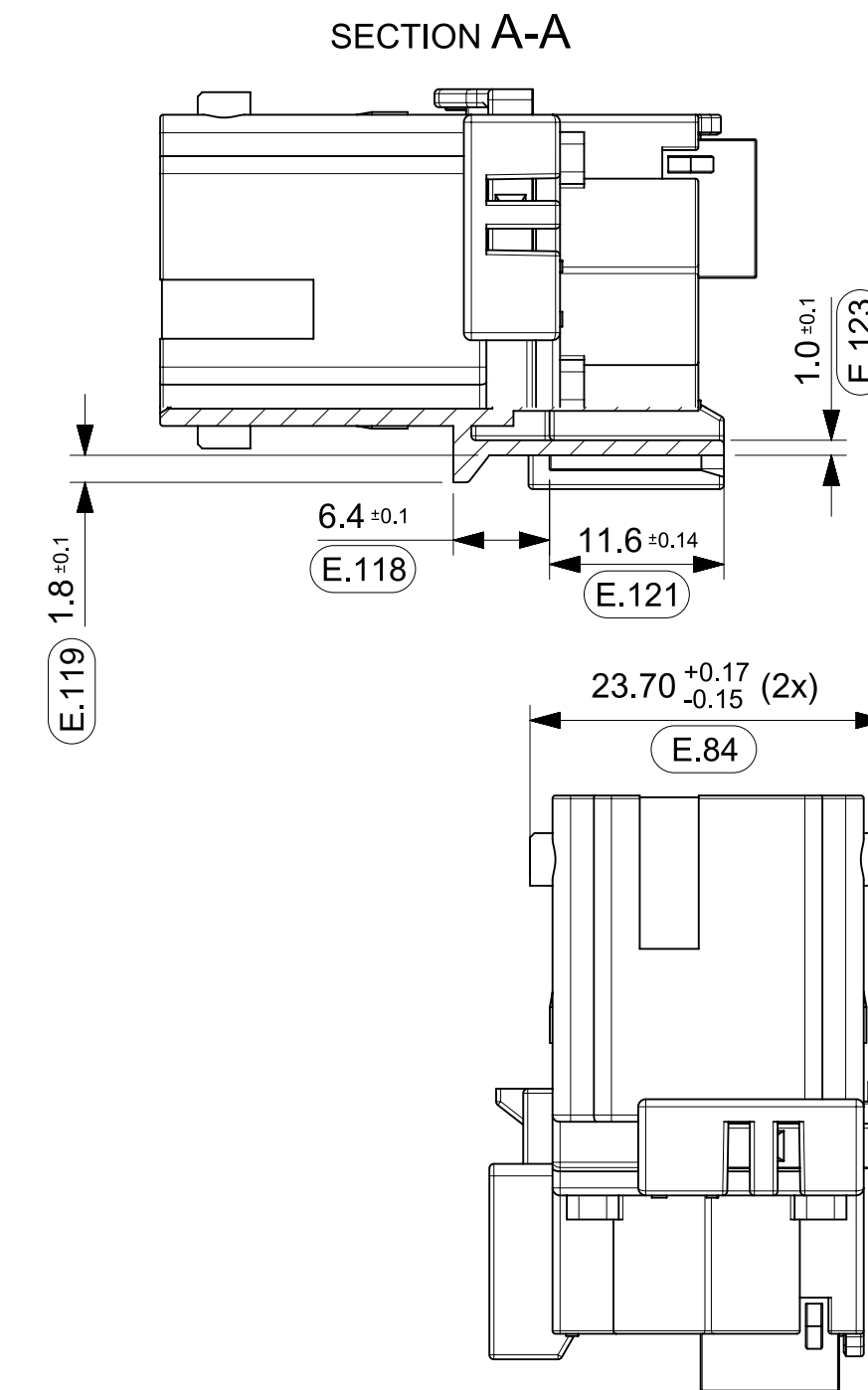
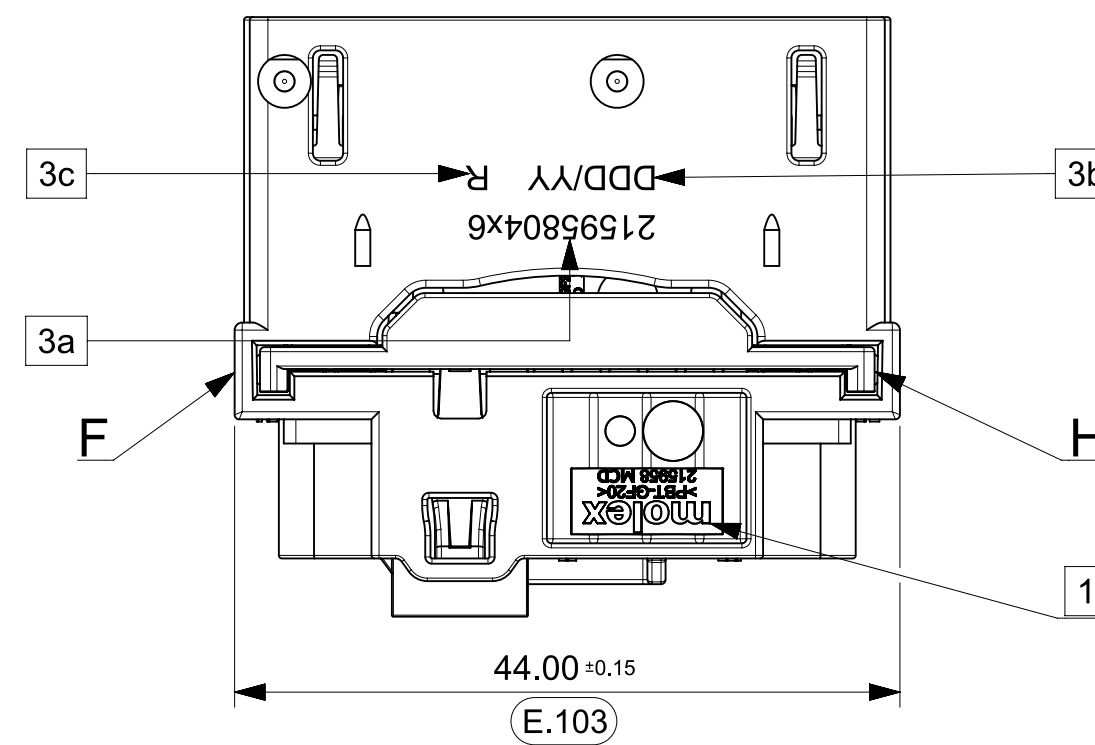
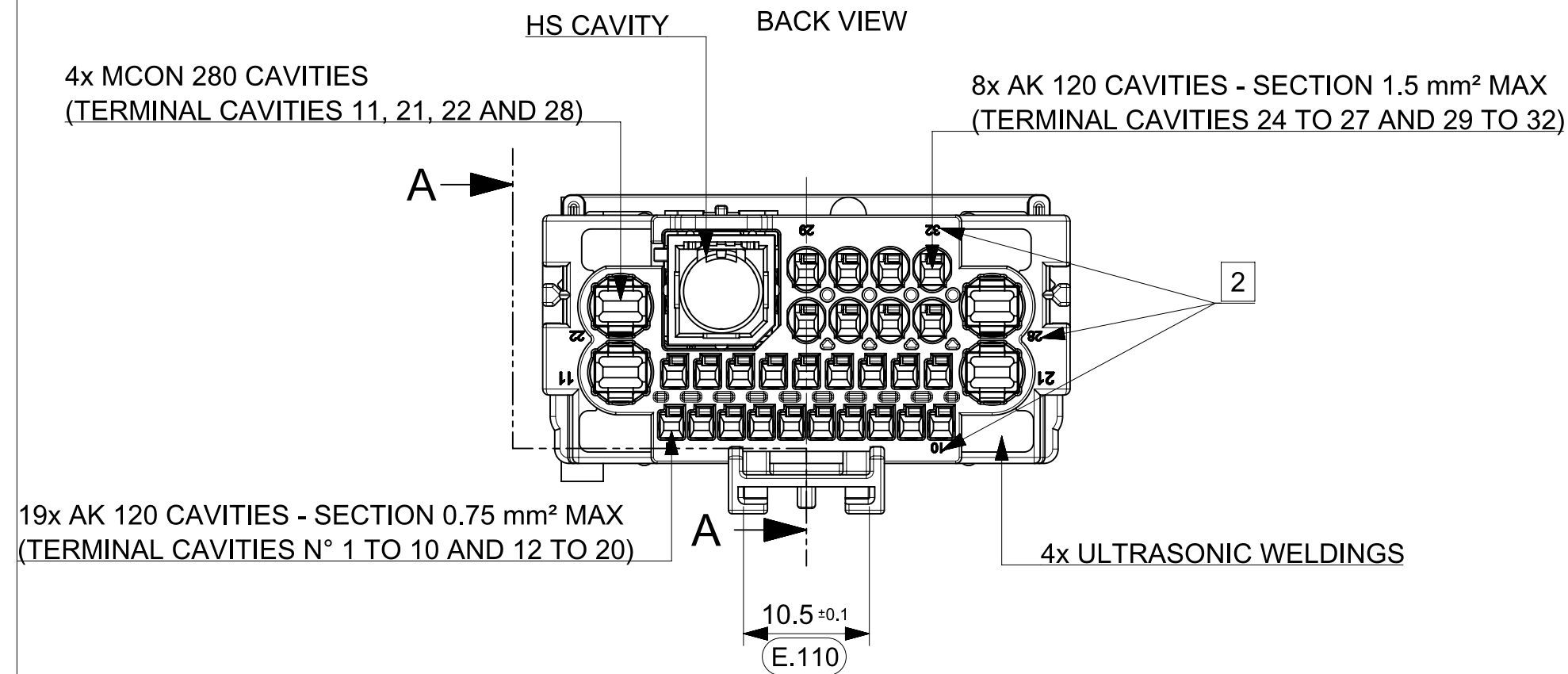
MX-DaSH_32CKT ASSY BLADE HSG

CAVITIES LOCATION

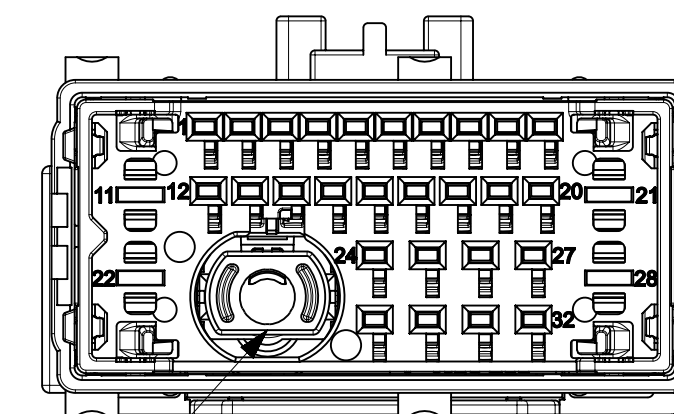


THESE DIMENSIONS ARE APPLICABLE
TO THE 3 DIFFERENT VERSIONS:
HSD, Mini Coax AND MGE

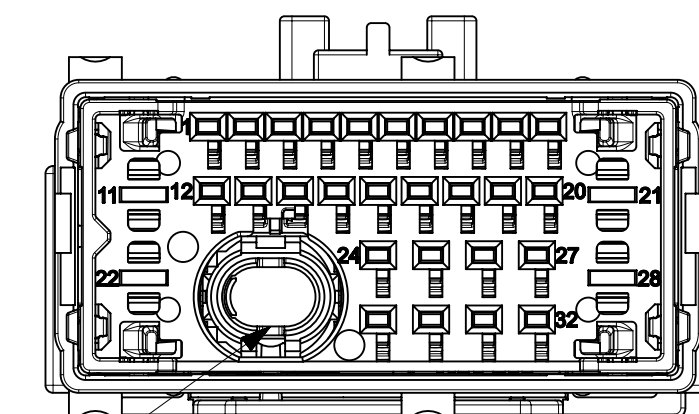
PRODUCT DEFINITION



HSD MODULE



K2/ Mini Coax MODULE



K3

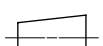
MGE MODULE

COMPONENTS				
POS.	QTY	DESCRIPTION	MATERIAL	COLOR
F	1	32CKT HYB HS BLADE CONN HSG	PBT-GF20	FOLLOWING KEYING
G	1	32CKT HYB HS BLADE TERM HSG	PBT-GF20	BLACK
H	1	32CKT HYB HS BLADE ISL	PBT-GF20	BLACK FOR KEYING H
				NATURAL - WHITE FOR REMAINING KEYING
J	1	32CKT HYB HS PPP	PBT-GF20	NATURAL - WHITE
K1	1	HSD MALE MODULE	PBT-GF20	BLACK
K2		Mini Coax MALE MODULE	PBT-GF20	BLACK
K3		MGE MALE MODULE	PBT-GF20	BLACK

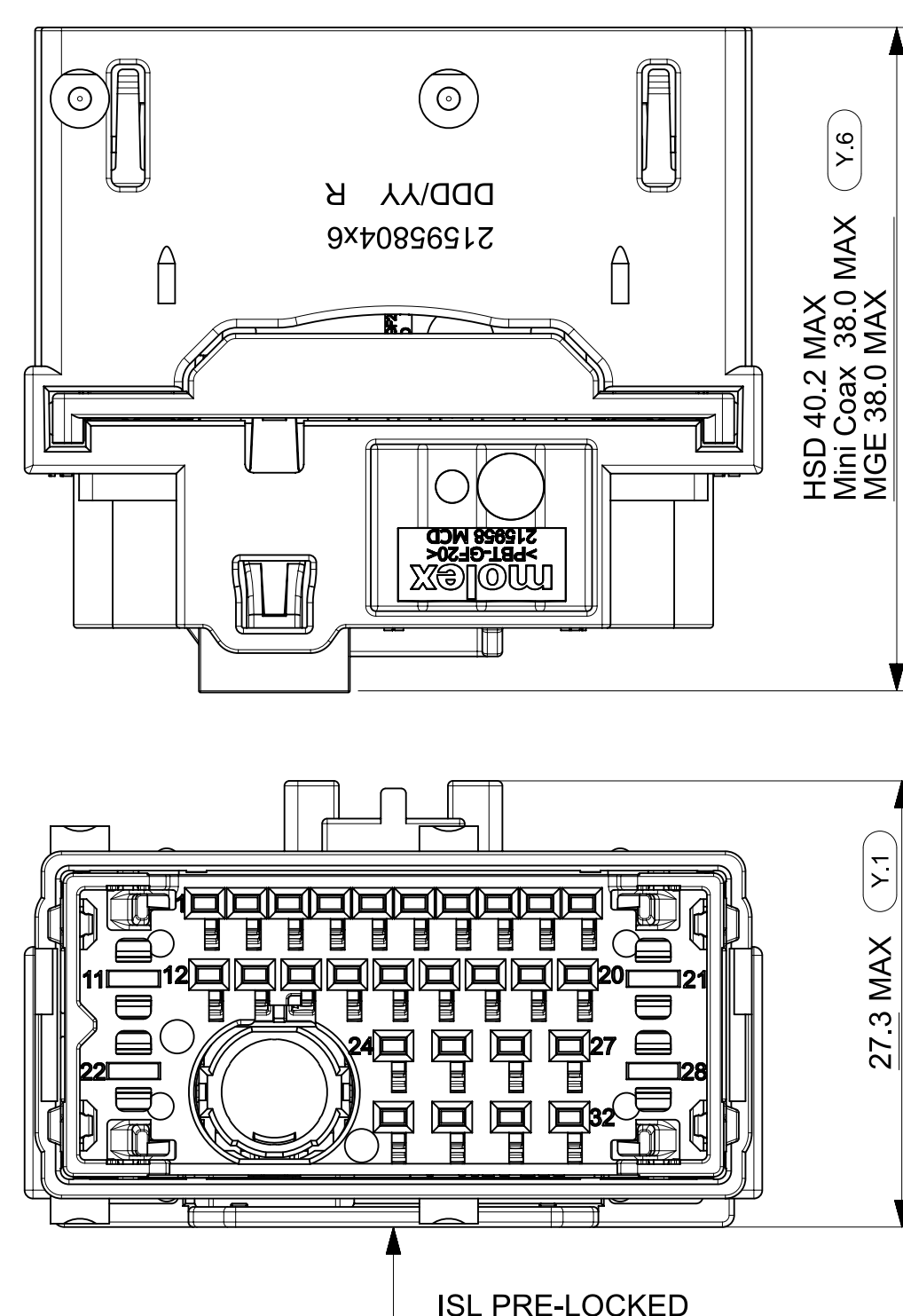
ASSOCIATED PARTS			
DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
OCS 120 MALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265581	TIN
	0.35 - 0.50	33265583	
	0.75 - 1.00	33265584	
1.50	33265585		
MCON 280 MALE TERMINAL TE	0.50	1-968946-1	
	0.75 - 1.00	1-963860-1	
	1.50 - 2.50	1-962841-1	
	3.00 - 4.00	1-962842-1	
HSD MALE TERMINAL ROSENBERGER	DACAR 535	D4S10A-1D5A5	-
Mini Coax MALE TERMINAL ROSENBERGER	RTK 031	AMS18A-1M4Z5	-
	RG 174	AMS18A-102Z5	
MGE MALE TERMINAL ROSENBERGER	GG160687	E6S10A-1CAZ5	-

MARKINGS

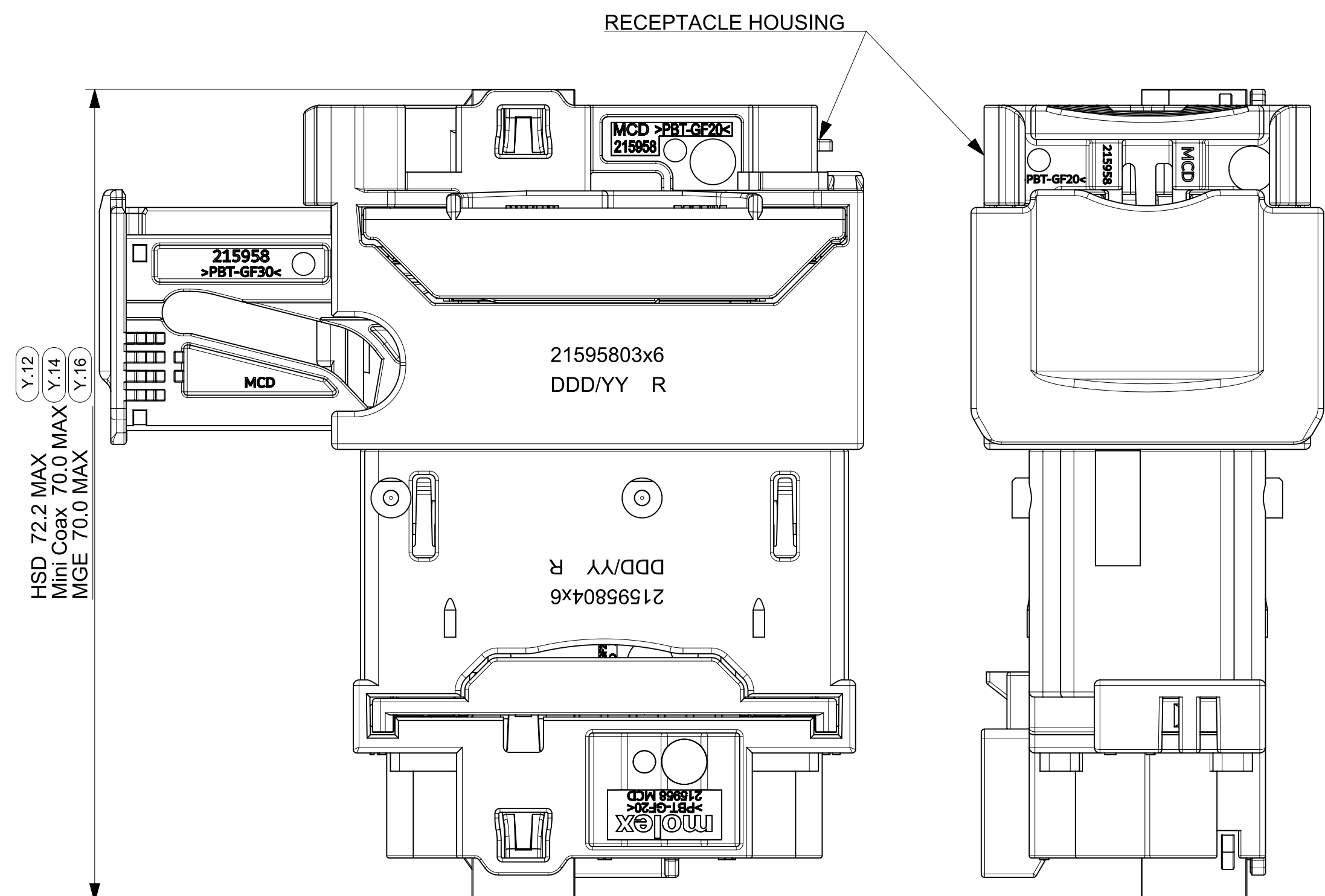
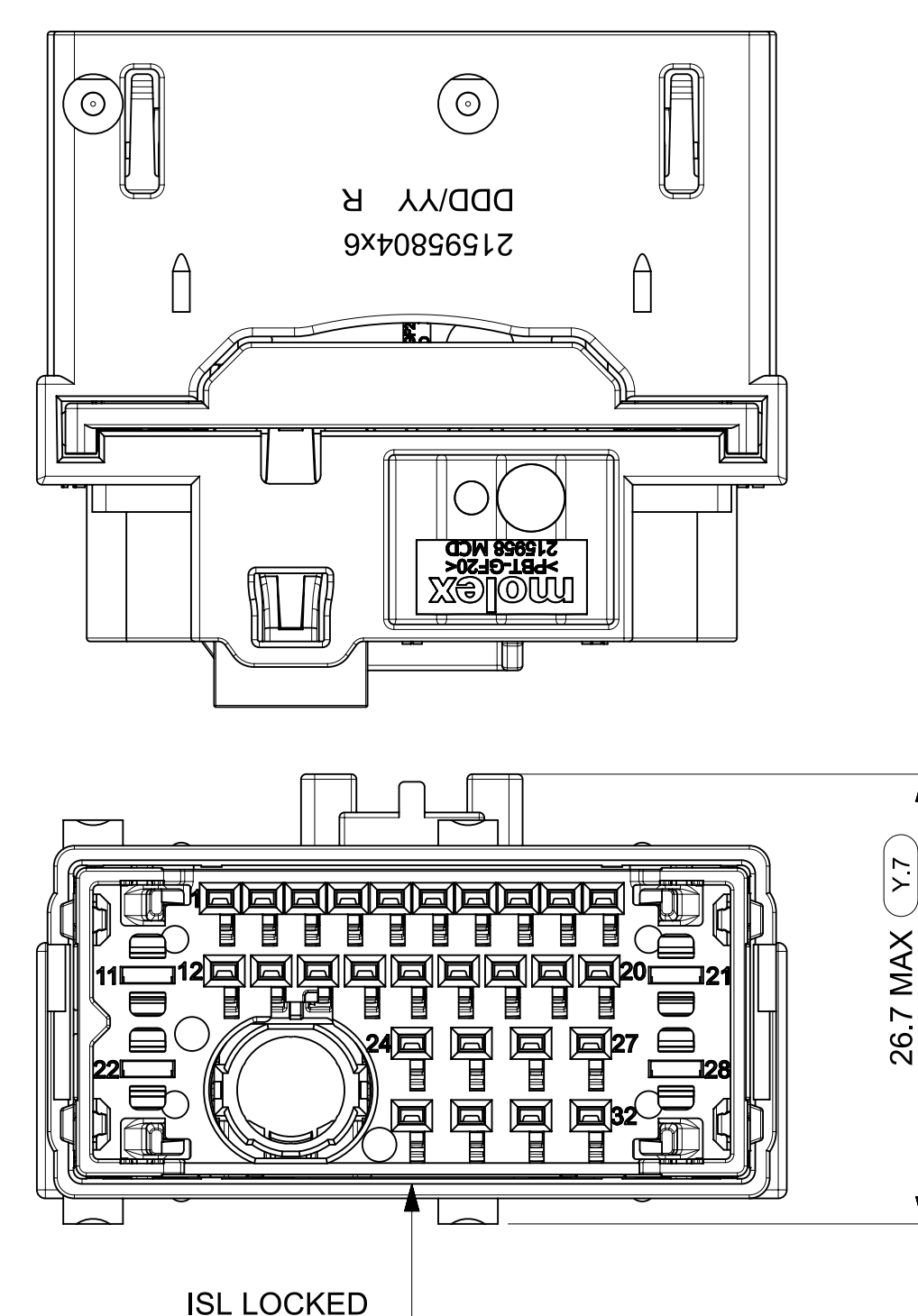
1	TRADE MARK
2	CAVITY ID
3	ASSY BLADE HOUSING LASER MARKING
3a	PART NUMBER
3b	DAY / YEAR
3c	PART ASSEMBLY REVISION

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE		molex MX-DaSH_32CKT ASSY BLADE HSG PRODUCT SALES DRAWING					
mm		2:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL ± 0.5°											
4 PLACES		± 0.01000		STATUS: Production DRWN: Valerie Jouas 2023-11-30 CHK'D: Olivier Plessis 2024-04-19 APPR: Matthieu Huguet 2024-04-19		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
3 PLACES		± 0.0300				2159580400-SD		PSD	000	A1	
2 PLACES		± 0.050				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
1 PLACE		± 0.10				DRAWING		GENERAL MARKET		3 OF 4	
0 PLACES		± 0.15		FIRST ANGLE PROJECTION		SERIES					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A1-SIZE 215958		SEE TABLE		GENERAL MARKET		3 OF 4	

OVERALL BLADE HOUSING DIMENSIONS
DELIVERY POSITION

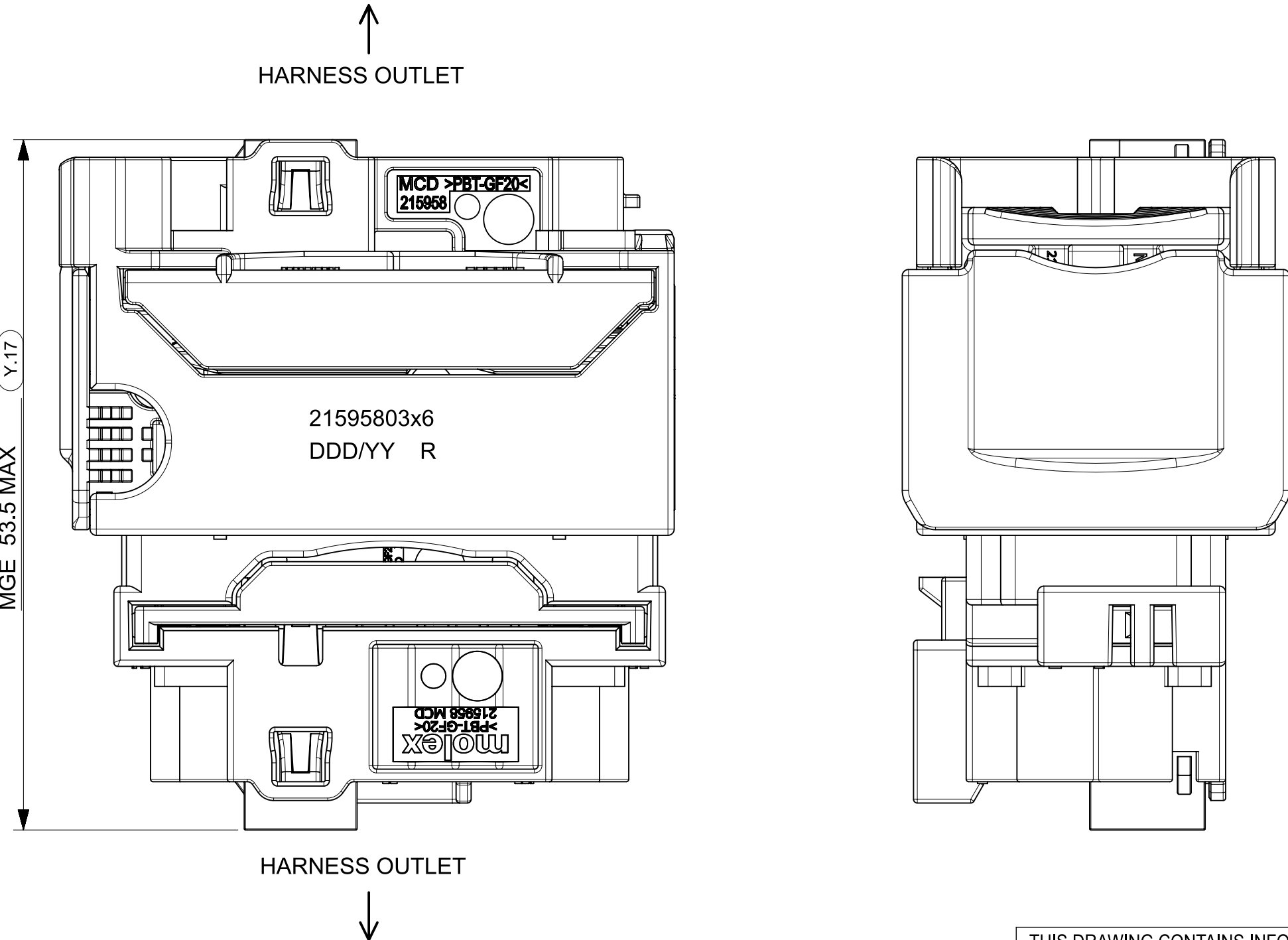


OVERALL BLADE HOUSING DIMENSIONS
- ISL LOCKED -



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		2.5:1							
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				FIRST ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A1-SIZE		4 OF 4	
STATUS: Production				DRWN: Valerie Jouas		2023-11-30		DOCUMENT NUMBER	
CHK'D: OlivierPlessis				APPR: Matthieu Huguet		2024-04-19		2159580400-SD	
								PSD 000 A1	
								GENERAL MARKET	