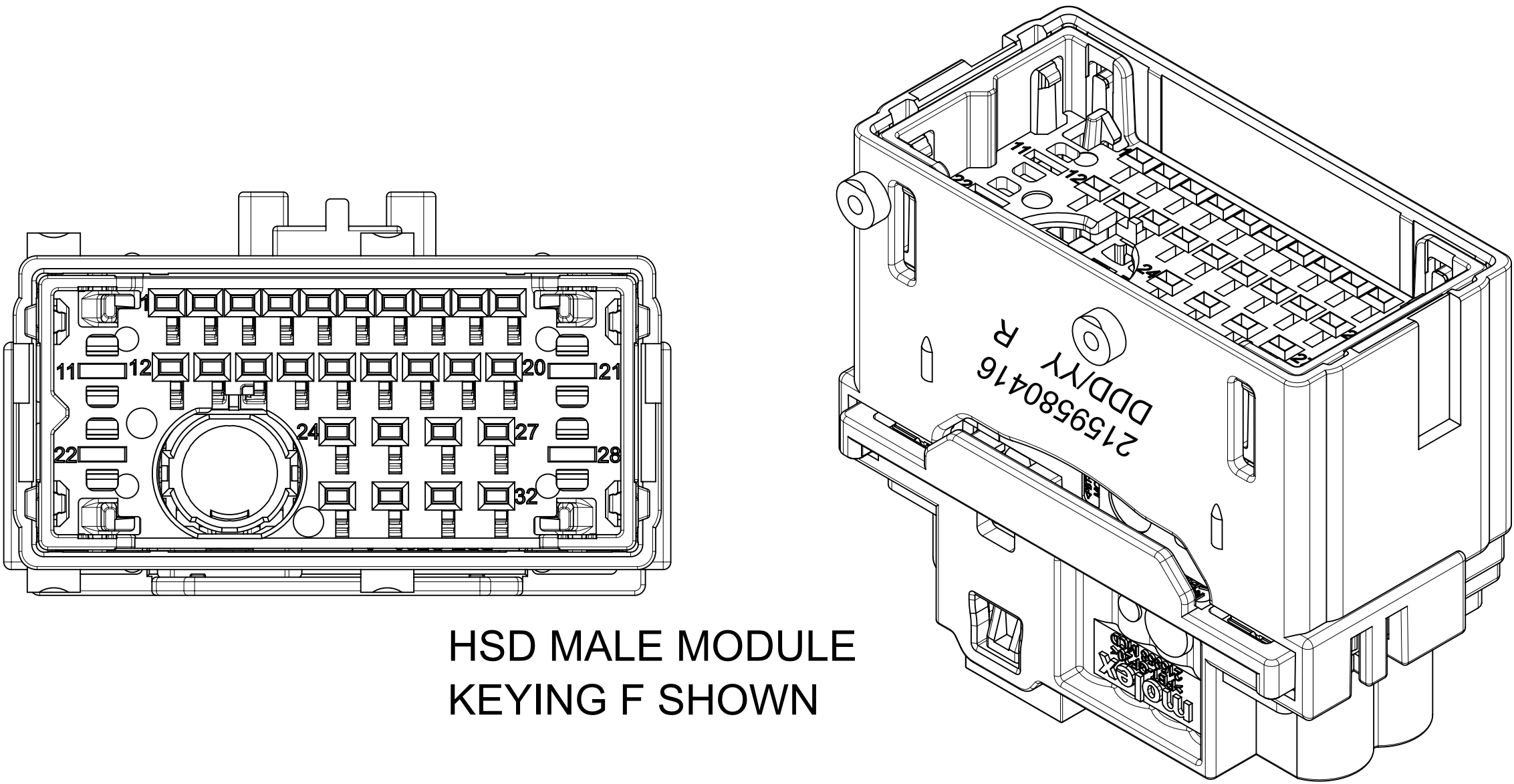
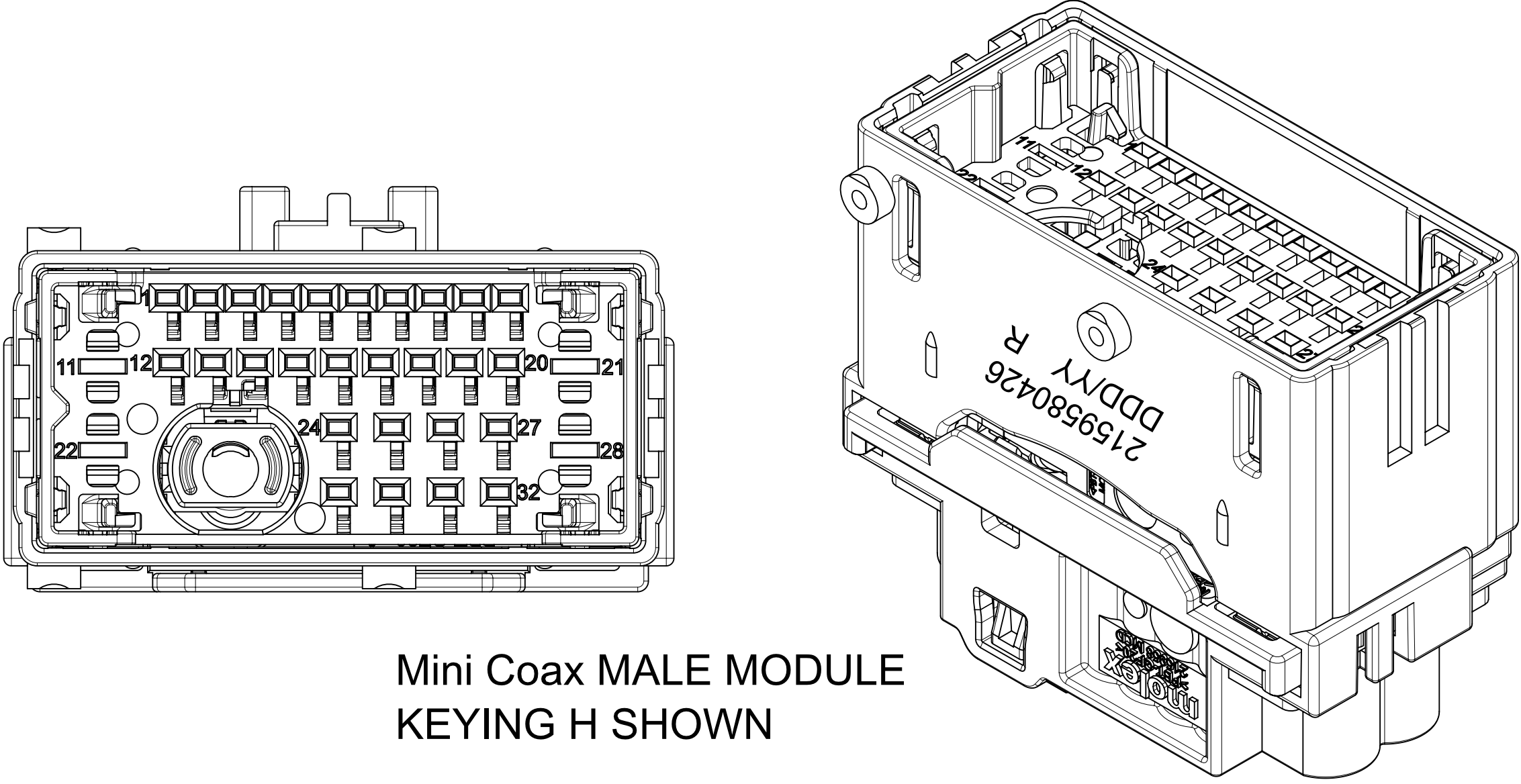


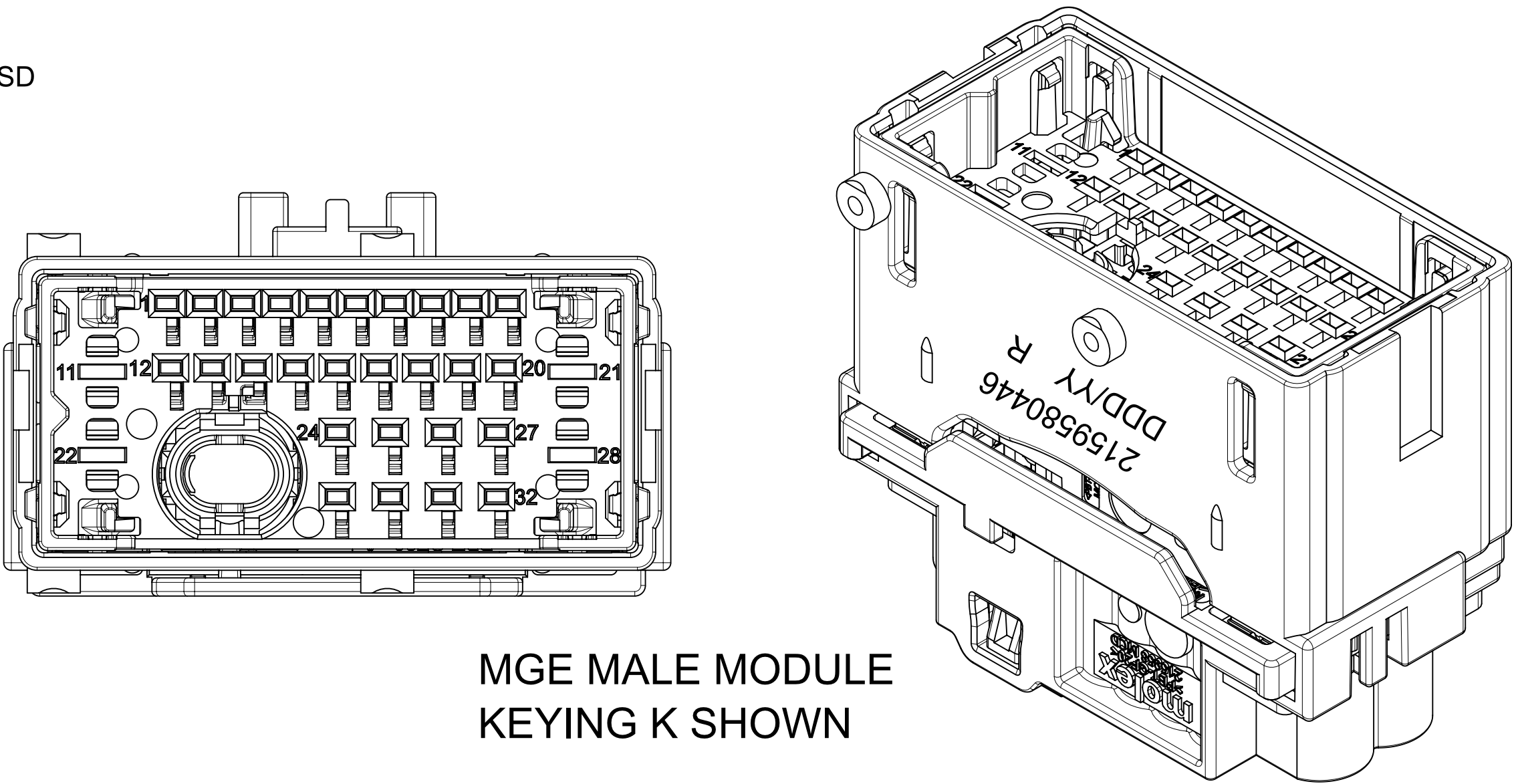
MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	VJ	2023-06-27
A1	SHEET 3 : REVIEW MARKING 3c IN TABLE ADD DIM E.110 , E.118 , E.119 , E.121 , E.123 ADD ASSOCIATED PARTS TABLE	VJ	2024-04-19



HSD MALE MODULE
KEYING F SHOWN



Mini Coax MALE MODULE
KEYING H SHOWN



MGE MALE MODULE
KEYING K SHOWN

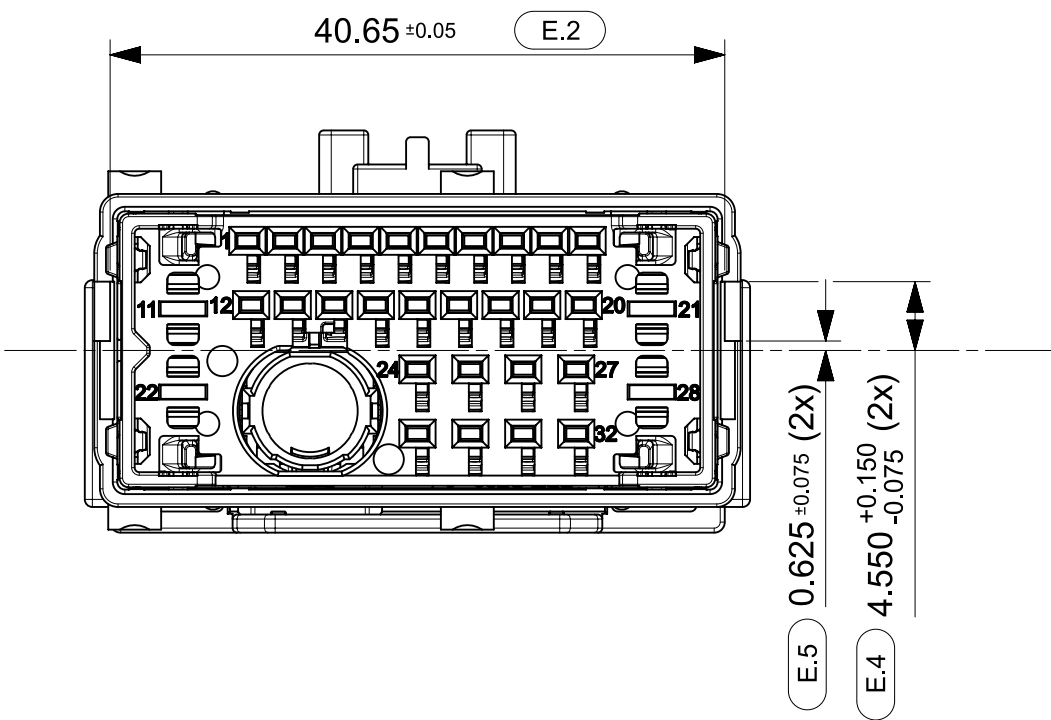
- NOTES:
1. GENERAL:
- 1.1 PRODUCT SPECIFICATION: 2159580000-PS
 - 1.2 TEST SUMMARY: XXXXXXXXXX-TS
 - 1.3 APPLICATION SPECIFICATION: 2159580000-AS
 - 1.4 PACKAGING SPECIFICATION: 2159580150-PK
 - 1.5 COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 - 1.6 MATES WITH : RECEPTACLE CONNECTOR DRAWING 2159580300-SD
 - 1.7 CONNECTOR MATING FORCE ALLOWED : 65 N MAXI
 - 1.8 WEIGHT (GRAMS) :
2. DESIGN - MATERIALS:
- SEE TABLE ON SHEET 3

HSD VERSION : 18.11 g MAX
Mini Coax VERSION : 19.21 g MAX
MGE VERSION : 19.24 g MAX

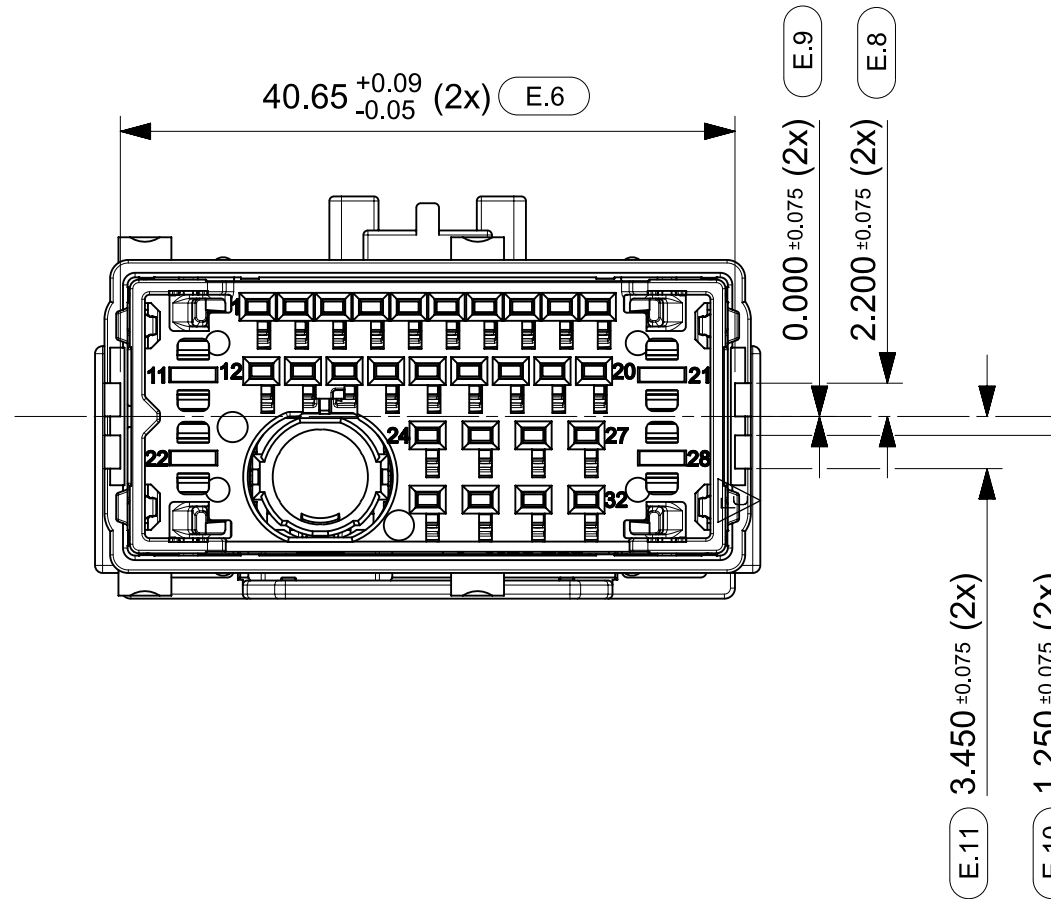
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		molex MX-DaSH_32CKT ASSY BLADE HSG PRODUCT SALES DRAWING DOCUMENT NUMBER 2159580400-SD DOC TYPE PSD DOC PART 000 REVISION A1									
mm		3:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 0.5°													
4 PLACES ± 0.01000													
3 PLACES ± 0.0300				STATUS: Production DRWN: Valerie Jouas2023-11-30 CHK'D: OlivierPlessis2024-04-19 APPR: Matthieu Huguet2024-04-19									
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		CUSTOMER		SHEET NUMBER	
				A1-SIZE		215958		SEE SHEET 3		GENERAL MARKET		1 OF 4	

KEYING DEFINITION

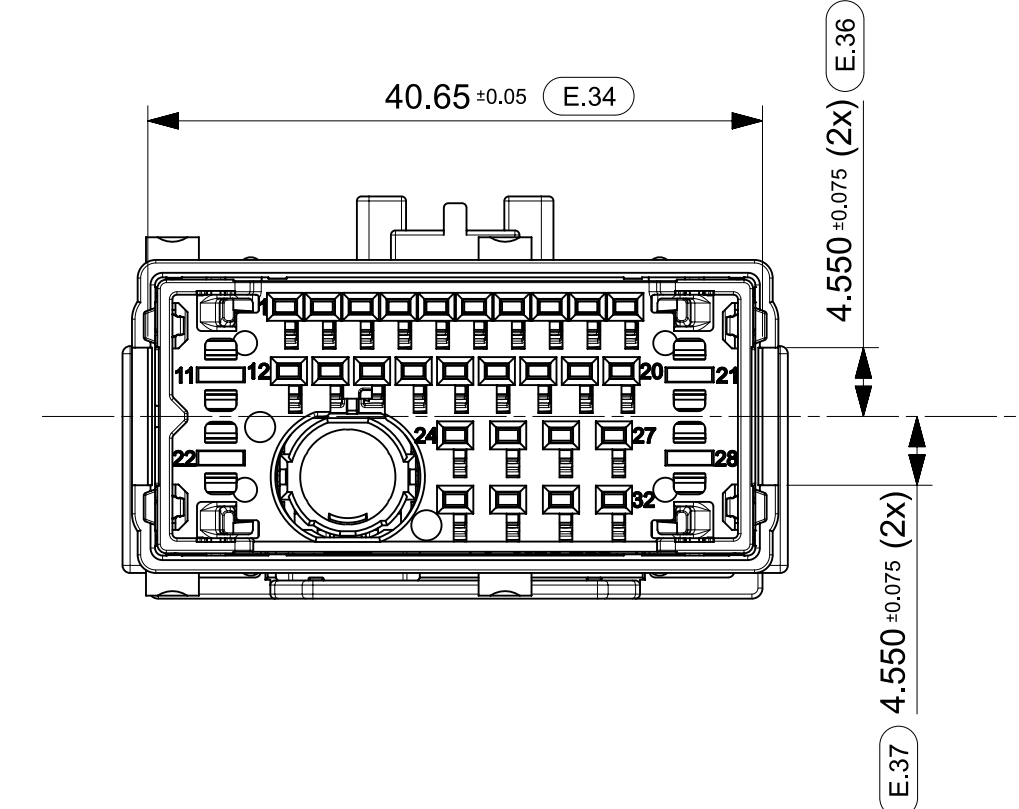
HSD MODULE	
KEYING	F
MOLEX PART NUMBER	2159580416
COLOR	BROWN
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BROWN



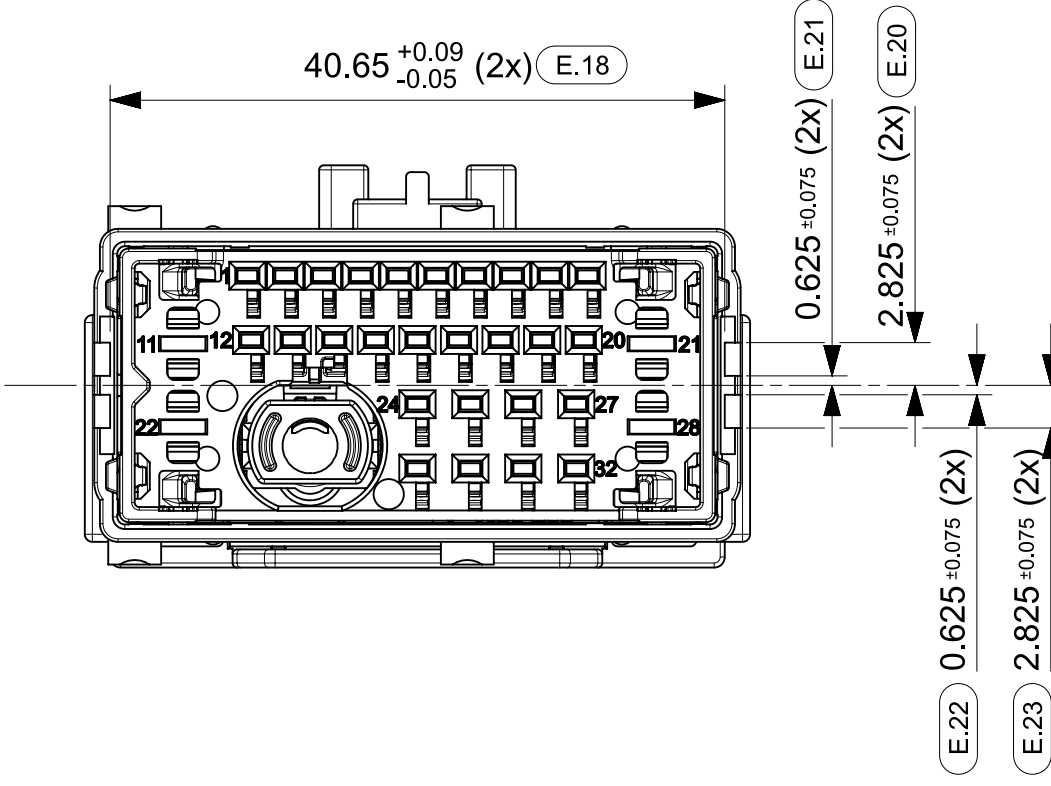
HSD MODULE	
KEYING	G
MOLEX PART NUMBER	2159580417
COLOR	GREEN
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	GREEN



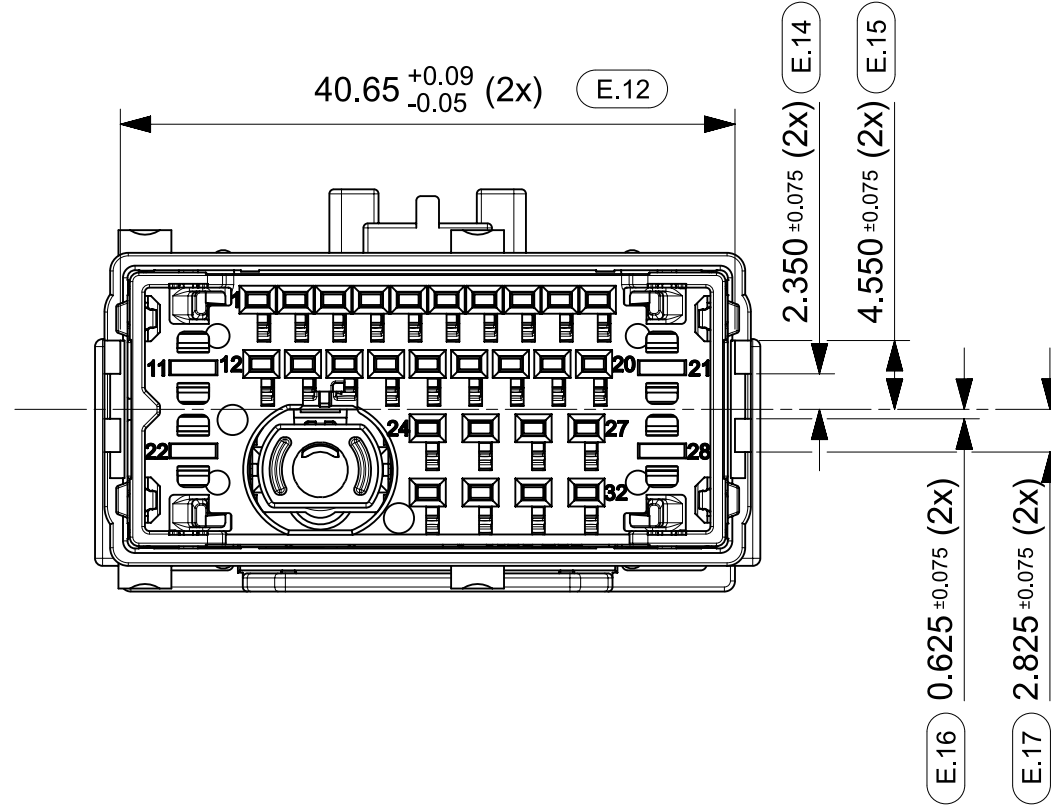
HSD MODULE	
KEYING	W
MOLEX PART NUMBER	2159580418
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	PURPLE



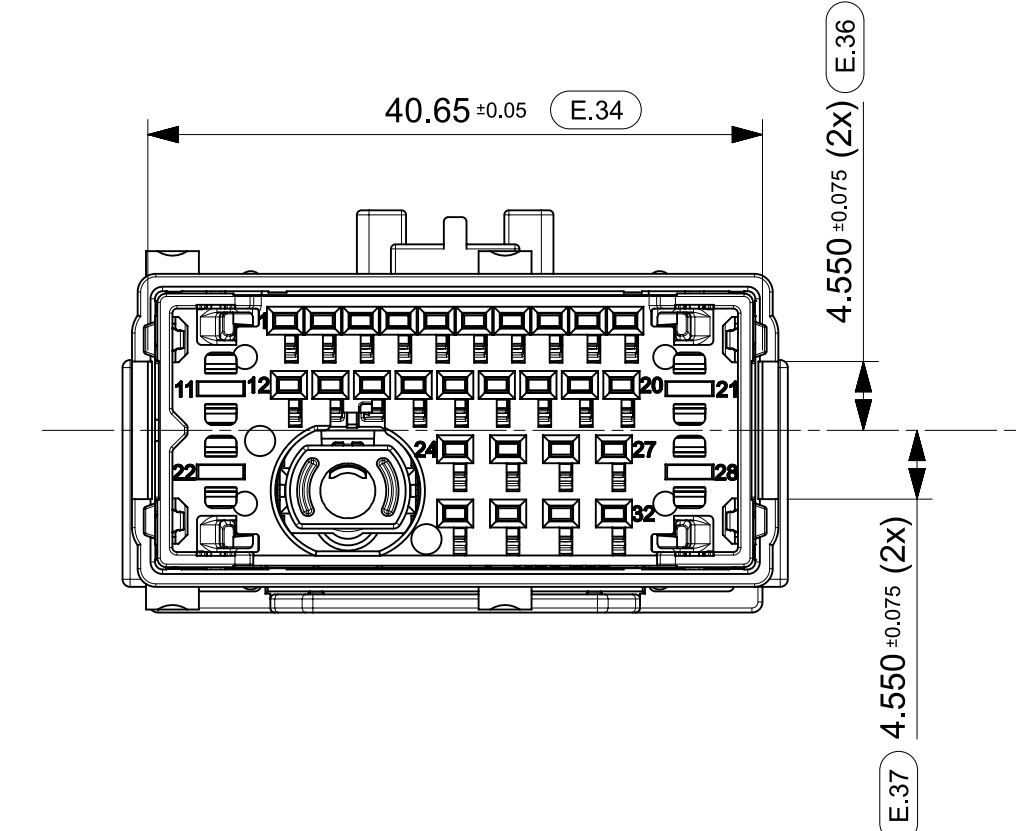
Mini Coax MODULE	
KEYING	H
MOLEX PART NUMBER	2159580426
COLOR	NATURAL - WHITE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	NATURAL - WHITE



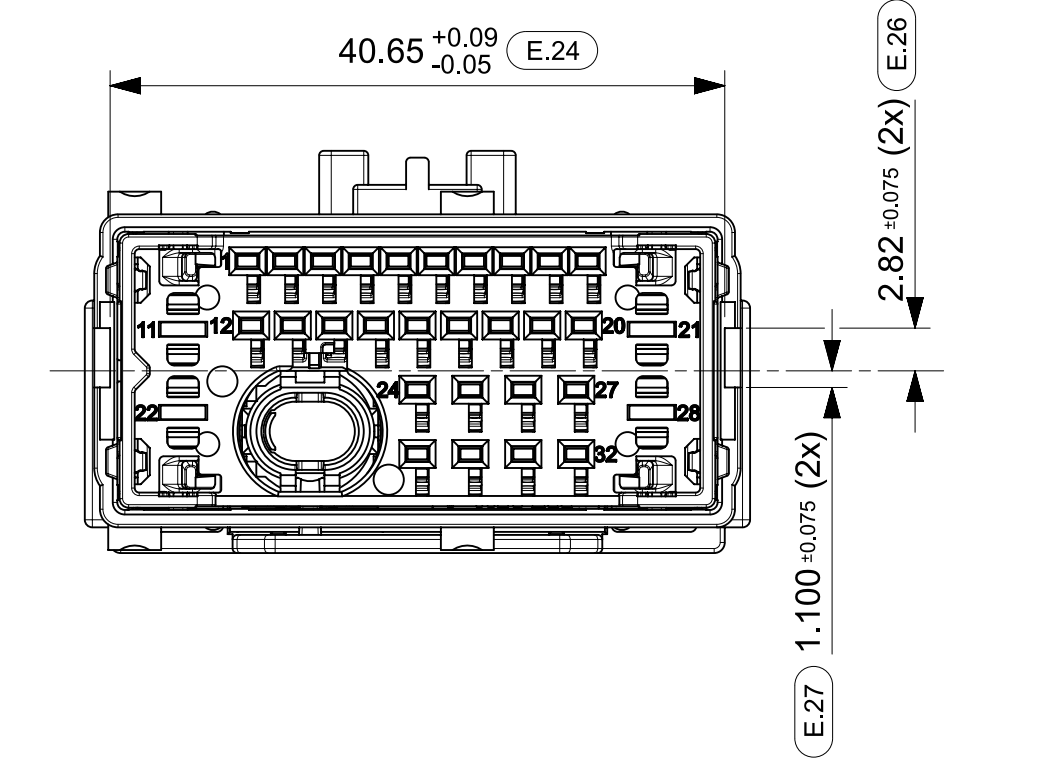
Mini Coax MODULE	
KEYING	J
MOLEX PART NUMBER	2159580427
COLOR	BLACK
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BLACK



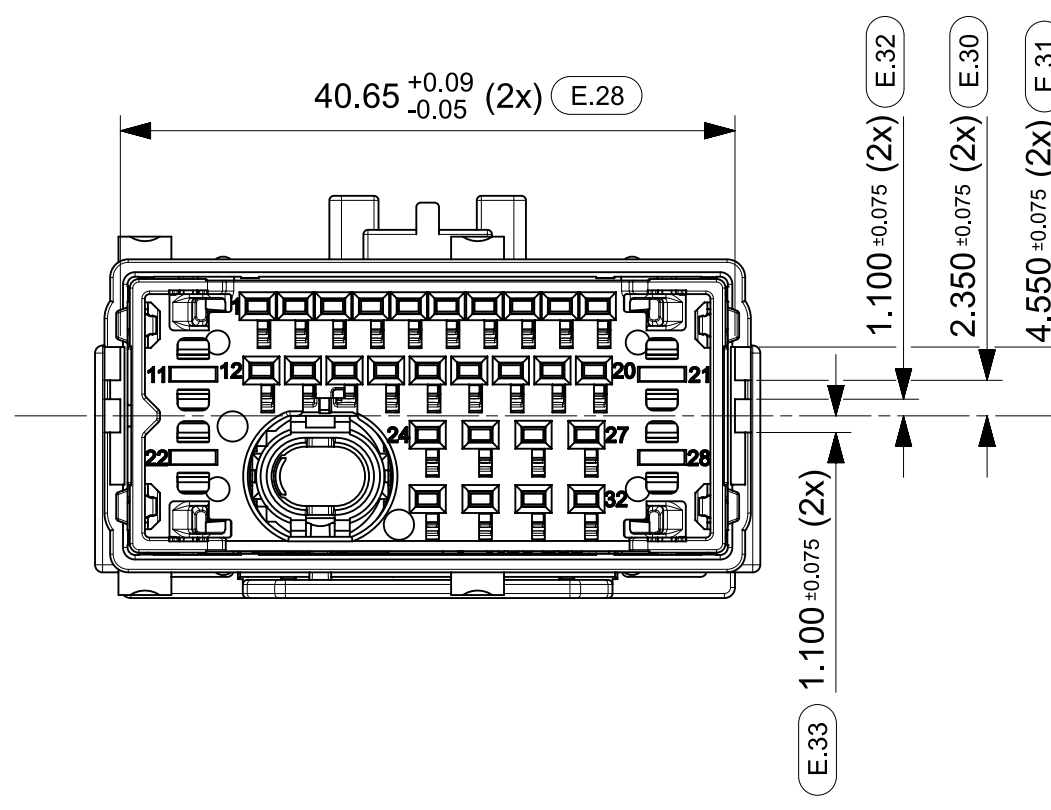
Mini Coax MODULE	
KEYING	X
MOLEX PART NUMBER	2159580428
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	PURPLE



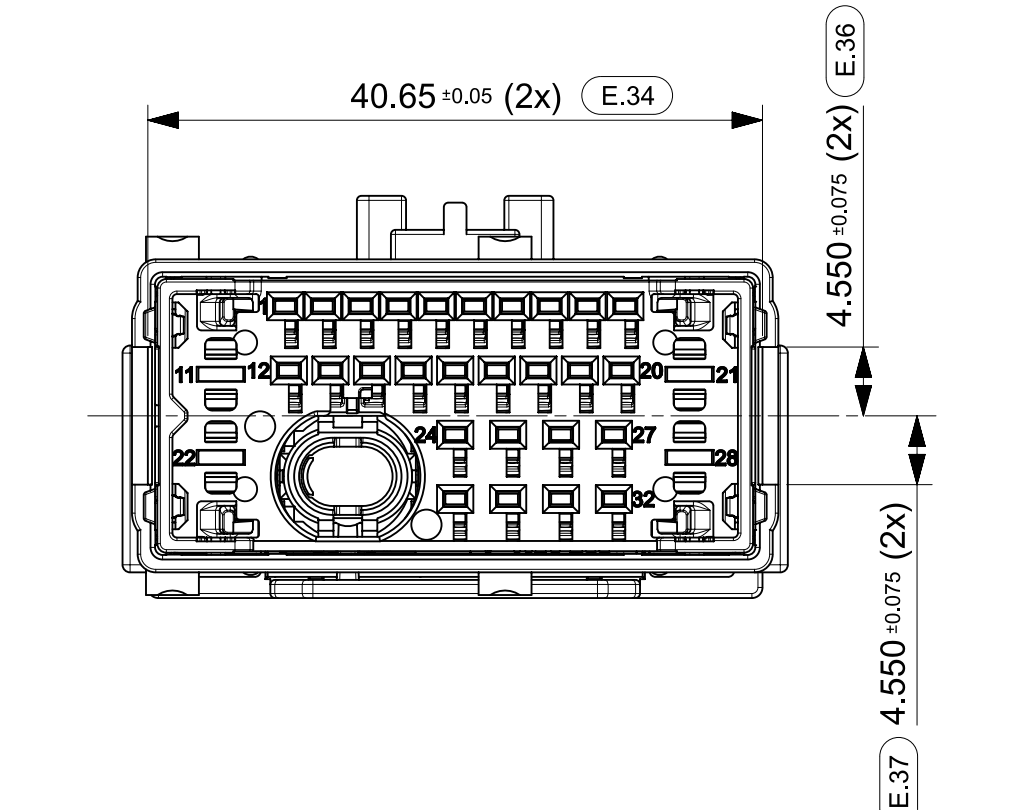
MGE MODULE	
KEYING	K
MOLEX PART NUMBER	2159580446
COLOR	GREY
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	GREY



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

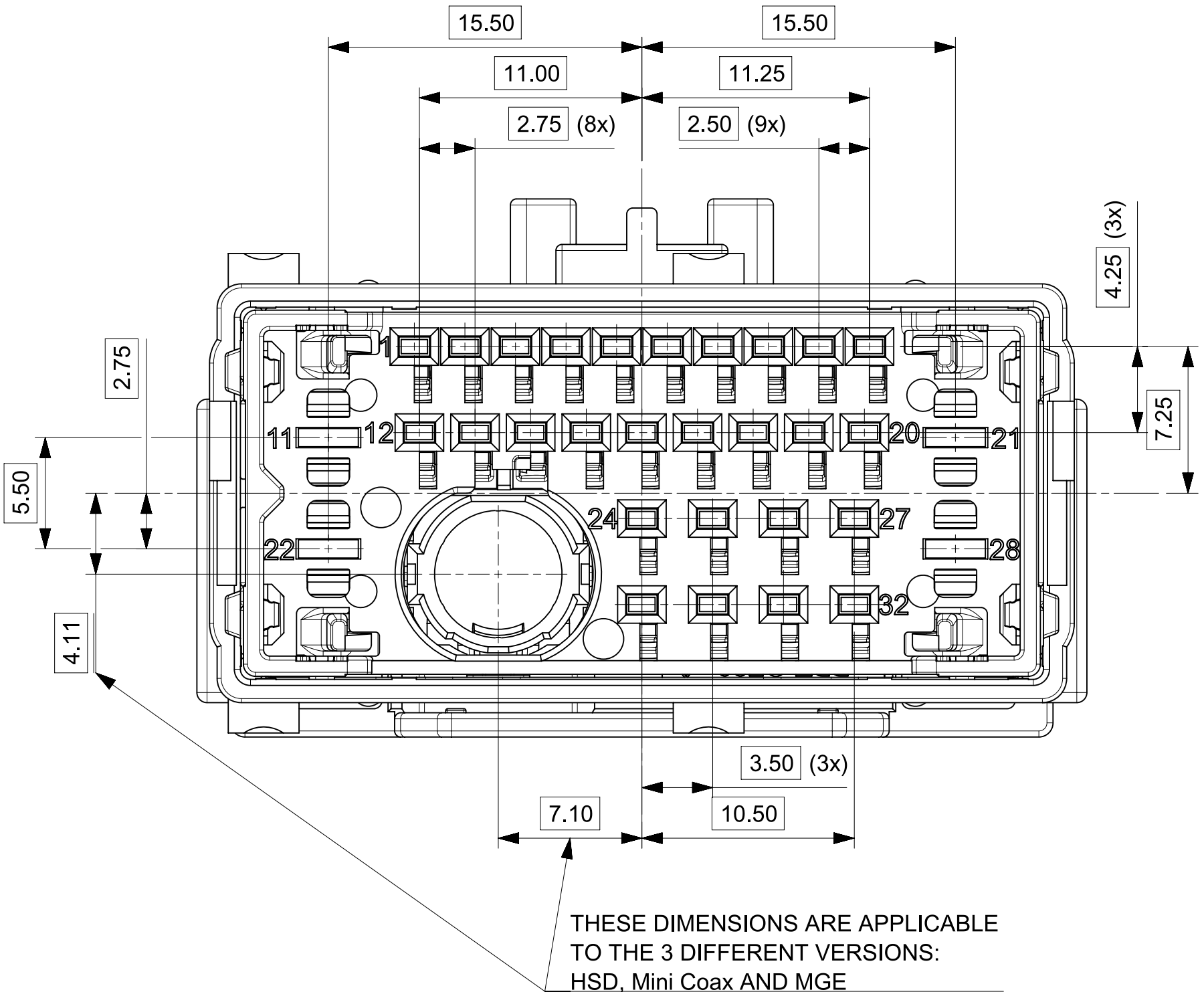
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580400-SD	PSD	000	A1

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

molex

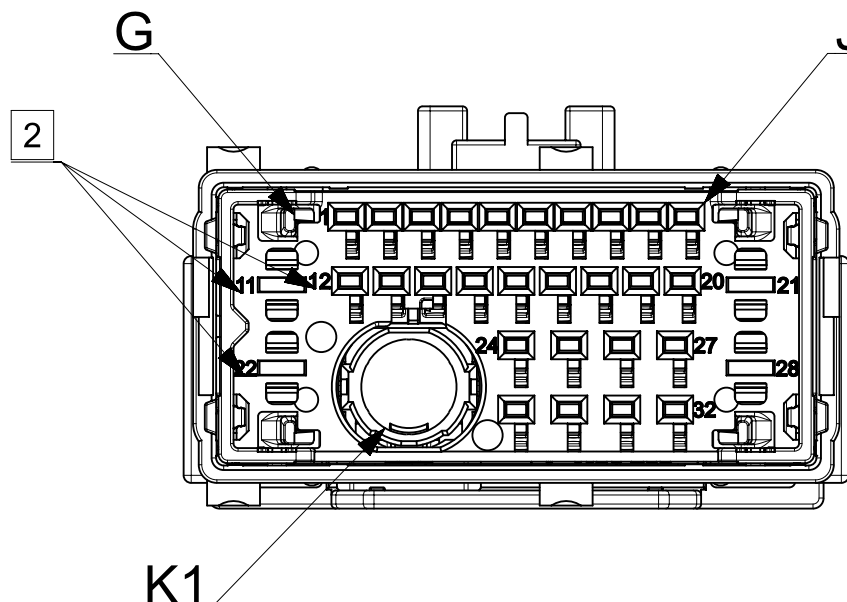
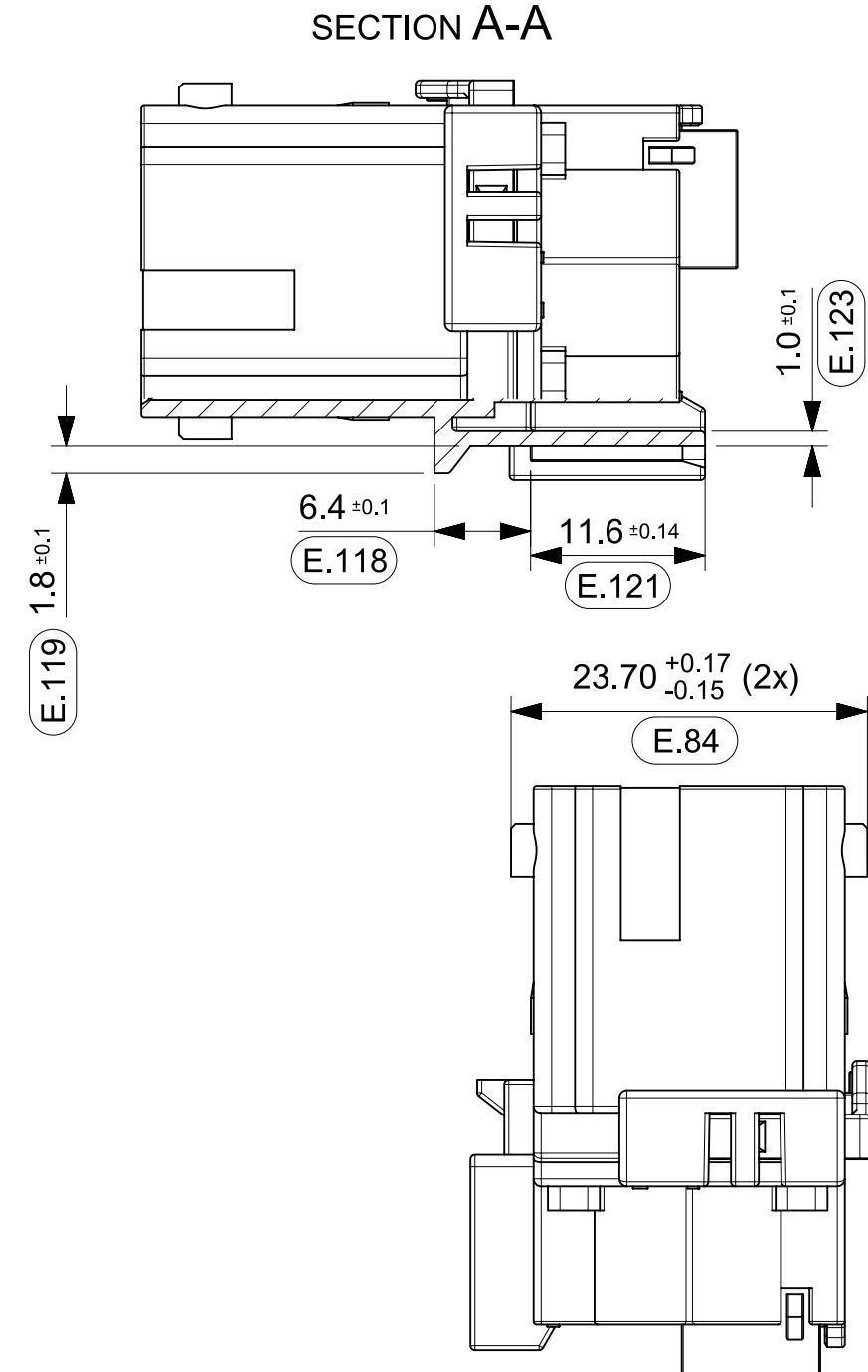
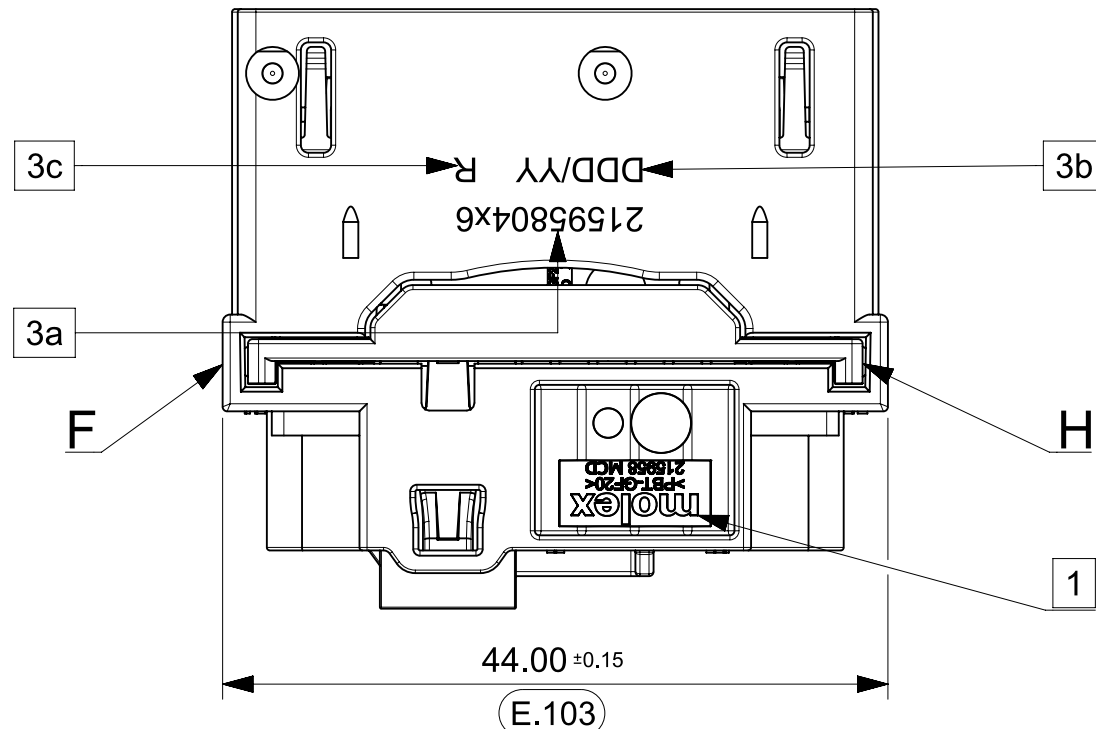
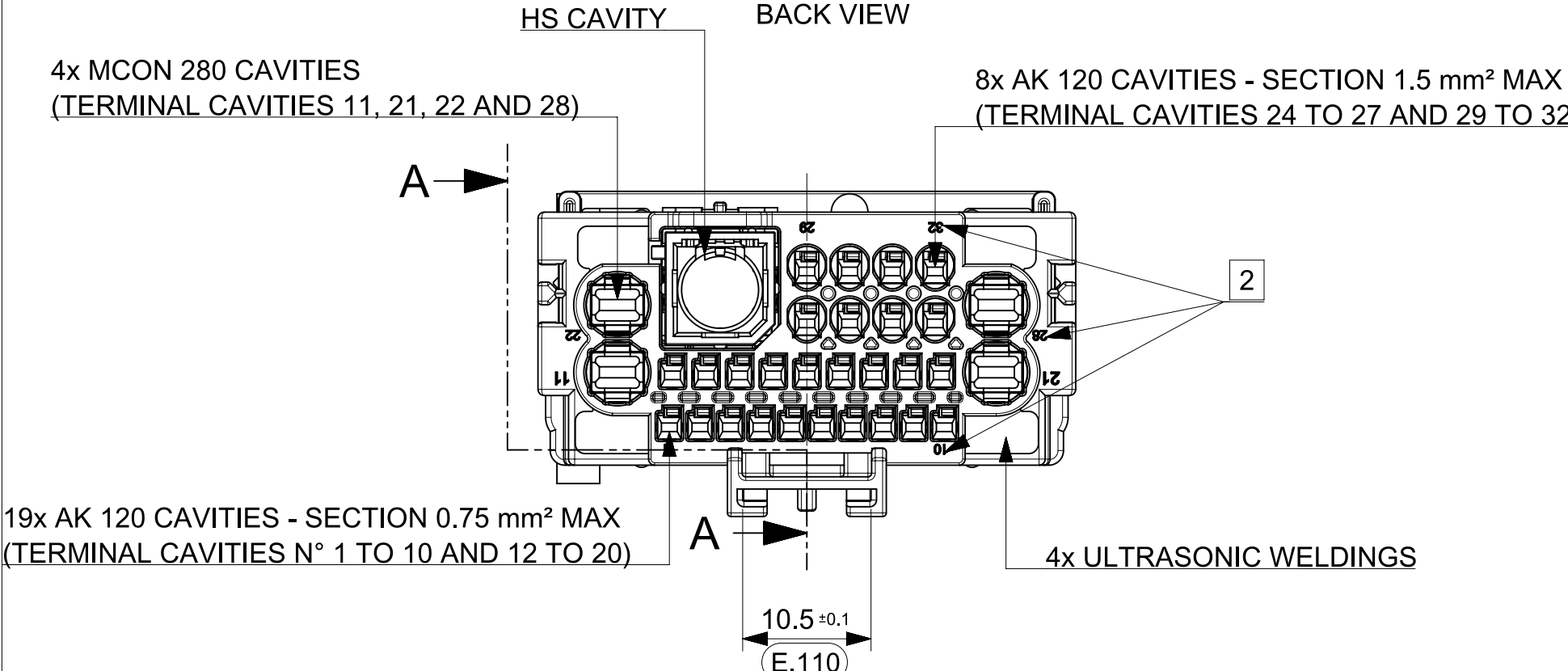
MX-DaSH_32CKT ASSY BLADE HSG

CAVITIES LOCATION

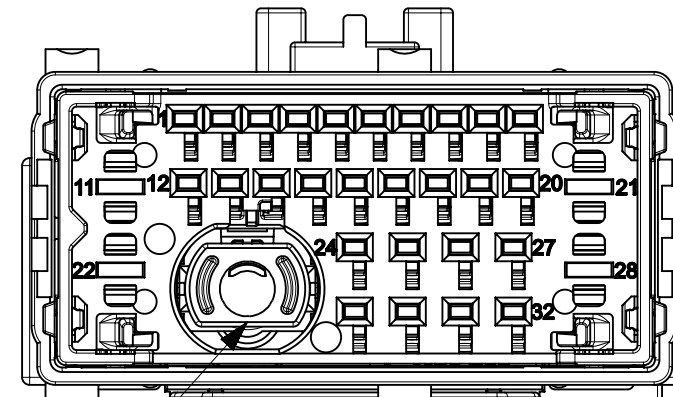


THESE DIMENSIONS ARE APPLICABLE
TO THE 3 DIFFERENT VERSIONS:
HSD, Mini Coax AND MGE

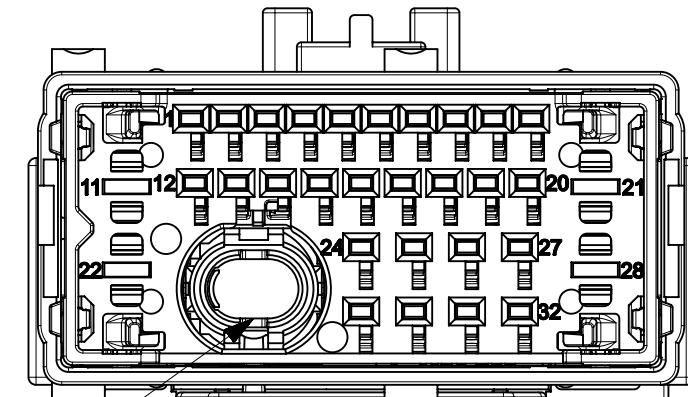
PRODUCT DEFINITION



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

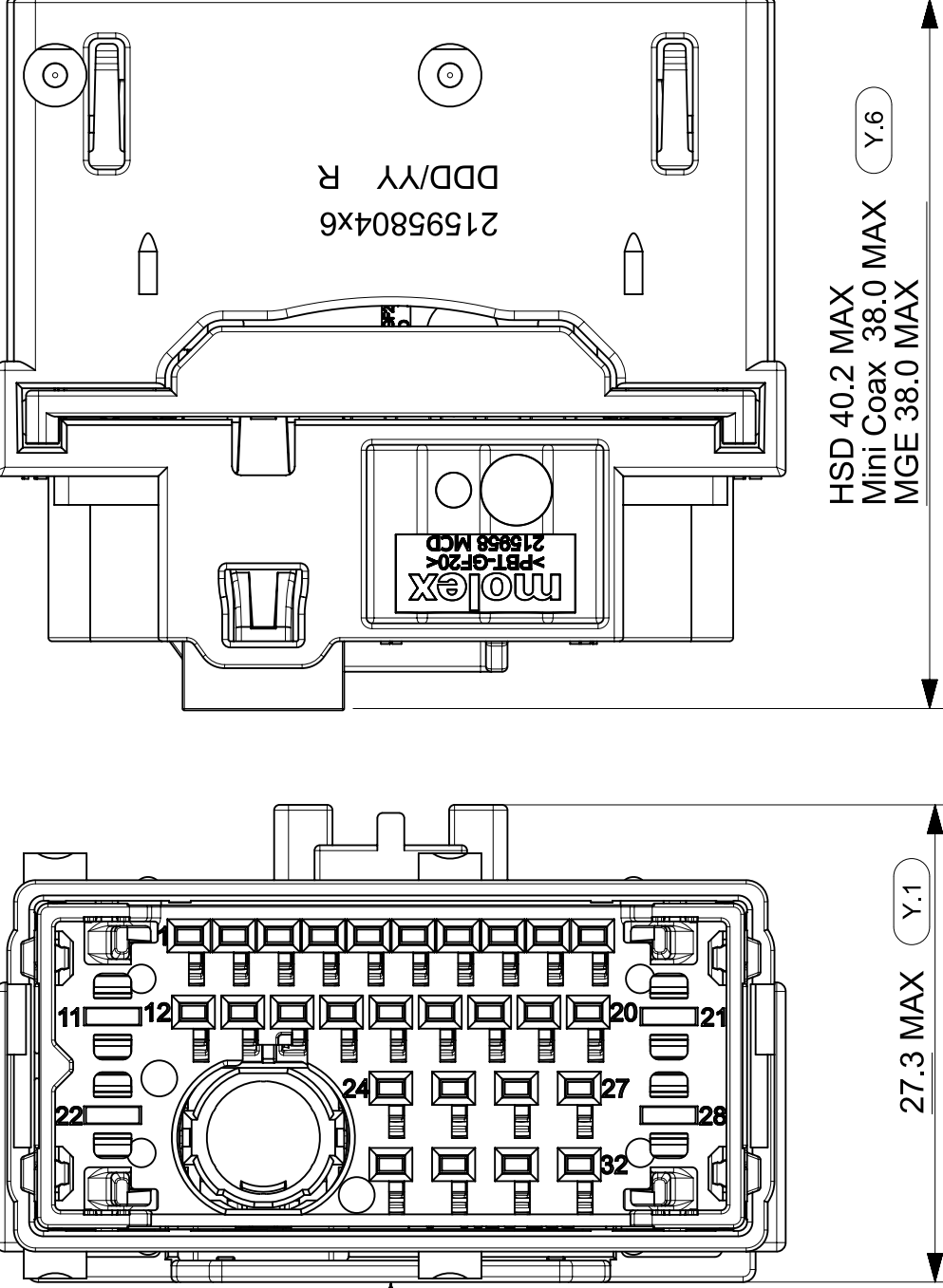
ASSOCIATED PARTS			
DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
OCS 120 MALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265581	TIN
	0.35 - 0.50	33265583	
	0.75 - 1.00	33265584	
	1.50	33265585	
MCON 280 MALE TERMINAL TE	0.50	1-968946-1	
	0.75 - 1.00	1-963860-1	
	1.50 - 2.50	1-962841-1	
	3.00 - 4.00	1-962842-1	
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

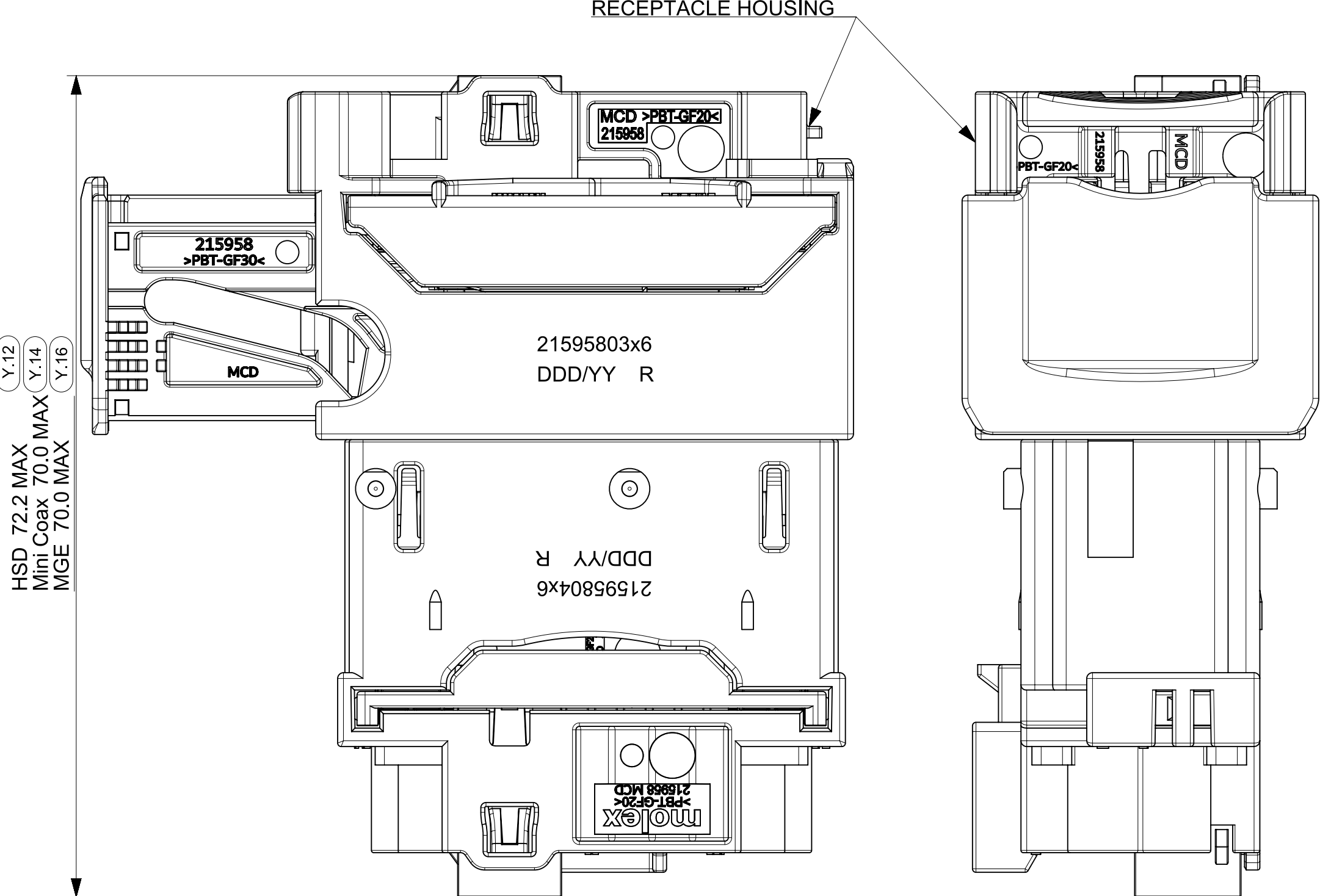
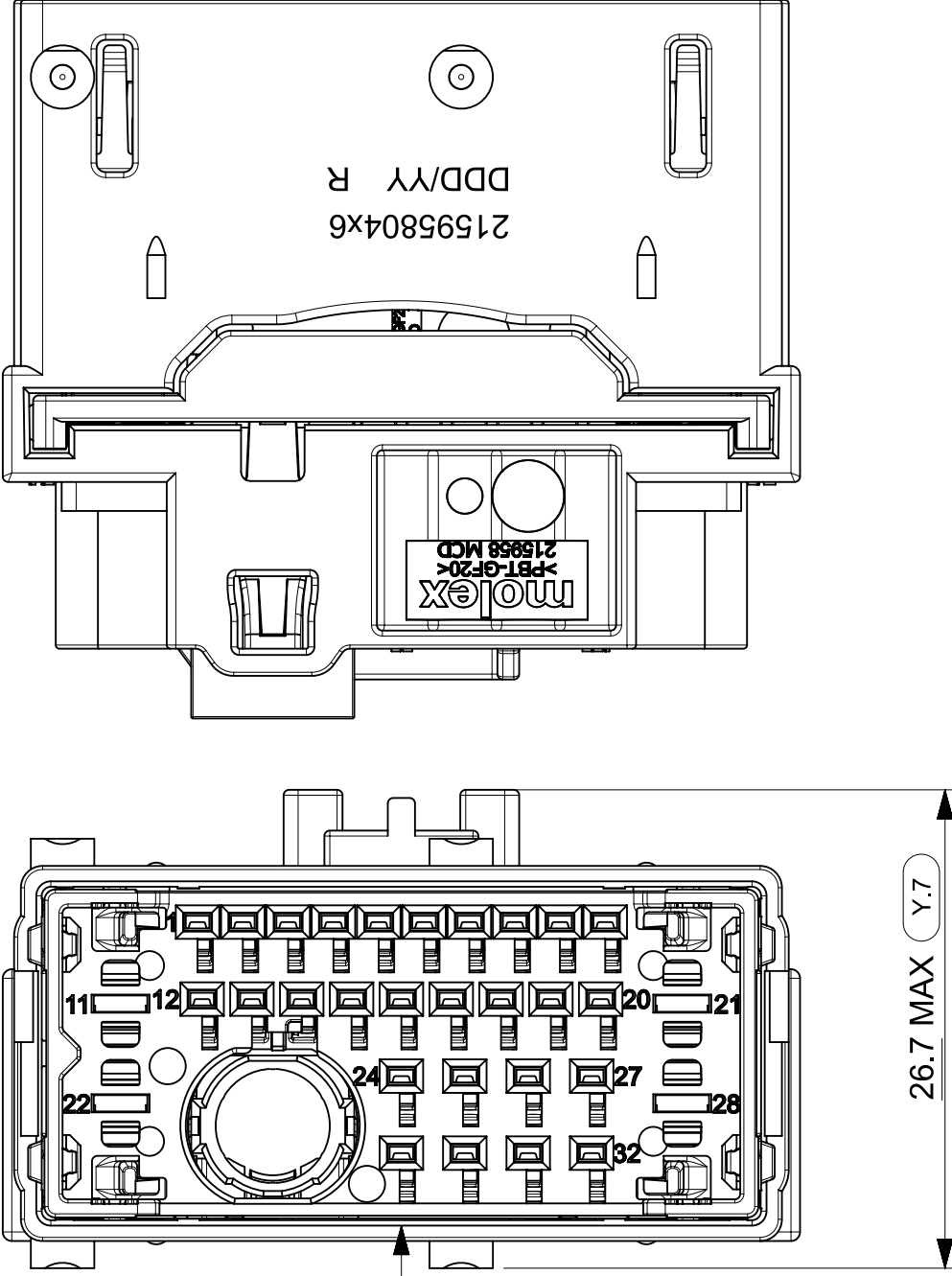
- 1 TRADE MARK
- 2 CAVITY ID
- 3 ASSY BLADE HOUSING LASER MARKING
 - 3a PART NUMBER
 - 3b DAY / YEAR
 - 3c PART ASSEMBLY REVISION

THIS DRAWING CONTAINS PROPRIETARY 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 MX-DaSH_32CKT ASSY BLADE HSG							
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													
STATUS: Production				2023-11-30		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
DRWN: Valerie Jouas				2024-04-19		2159580400-SD				PSD		000		A1	
CHK'D: OlivierPlessis				2024-04-19											
APPR: Matthieu Huguet															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A1-SIZE		215958		SEE TABLE		GENERAL MARKET		3 OF 4	

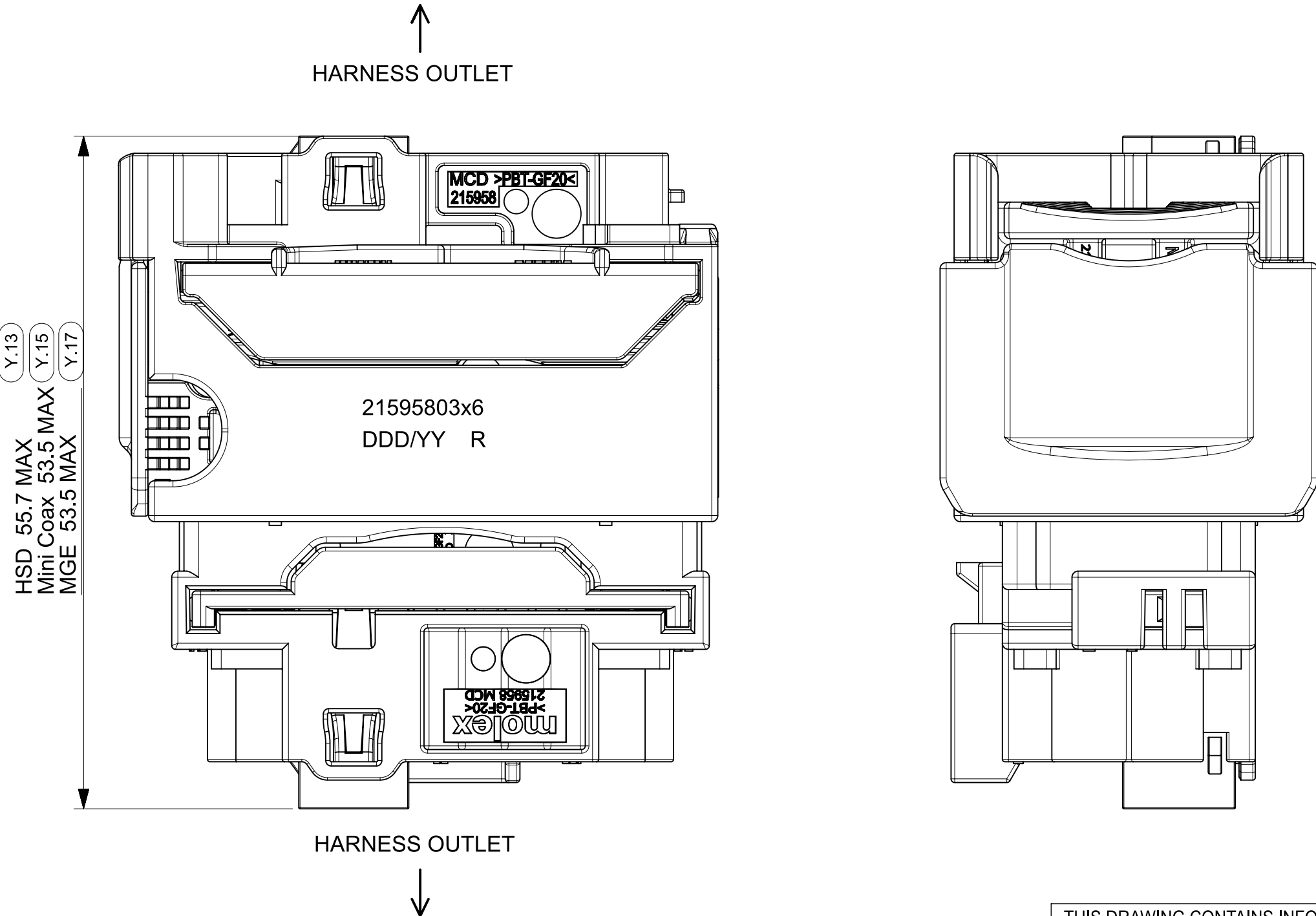
OVERALL BLADE HOUSING DIMENSIONS
DELIVERY POSITION



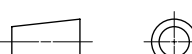
OVERALL BLADE HOUSING DIMENSIONS - ISL LOCKED -



OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS



MENSIONS

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		STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet		2023-11-30 2024-04-19 2024-04-19		molex MX-DaSH_32CKT ASSY BLADE 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">2159580400-SD</td><td>PSD</td><td>000</td><td>A1</td></tr></table>							DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	2159580400-SD		PSD	000	A1
DOCUMENT NUMBER													DOC TYPE	DOC PART	REVISION							
2159580400-SD													PSD	000	A1							
2 PLACES ± 0.050																						
1 PLACE ± 0.10																						
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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												