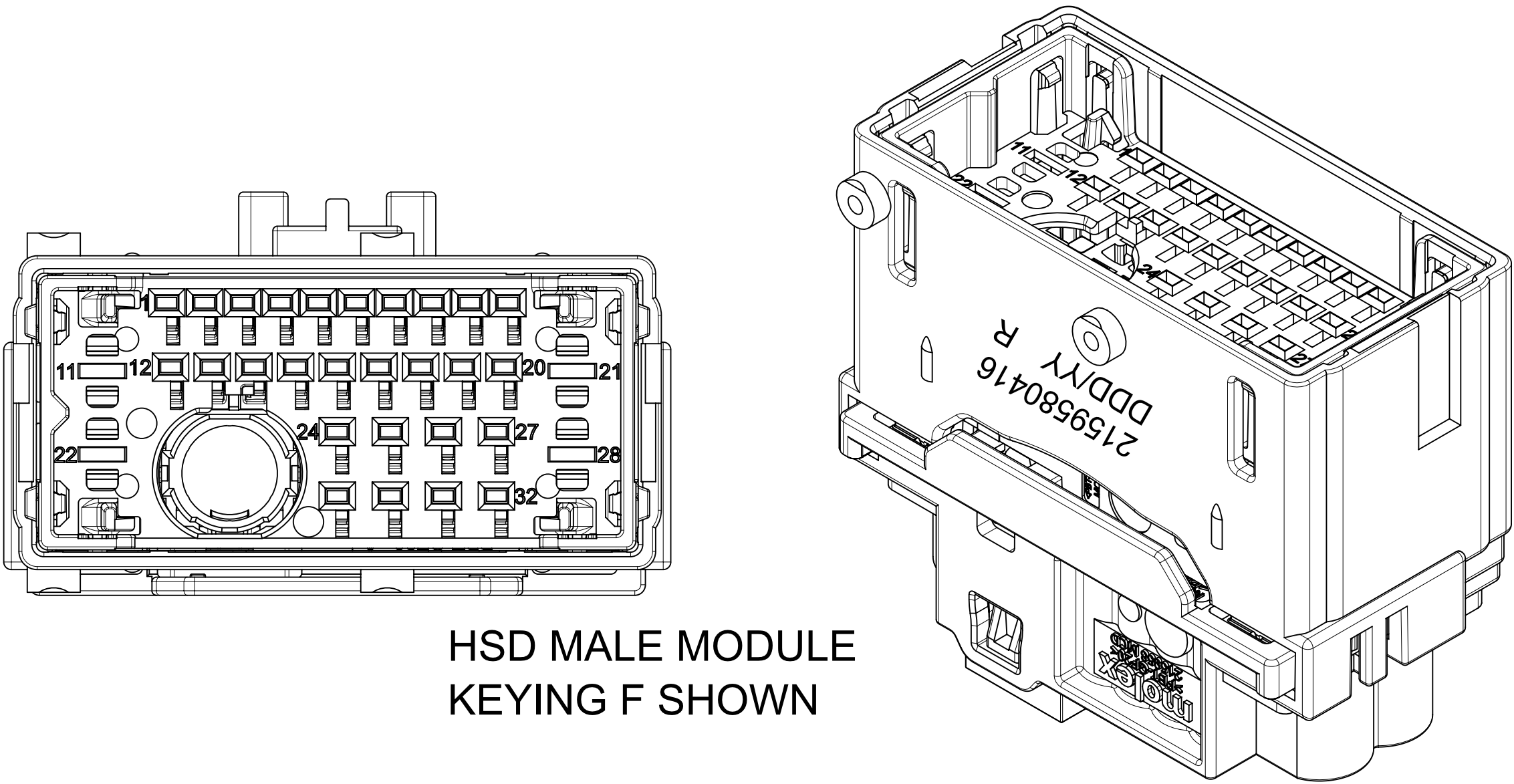
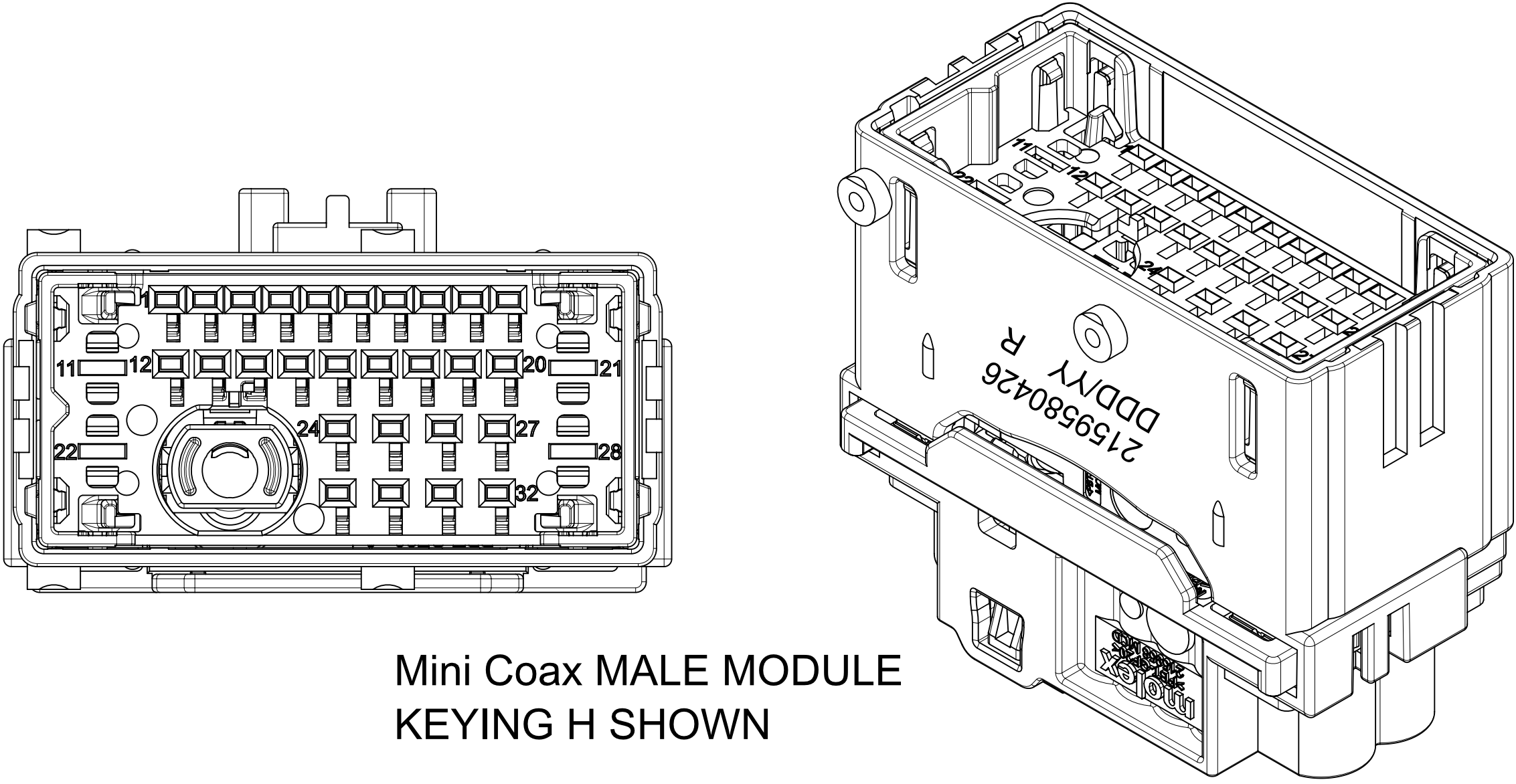


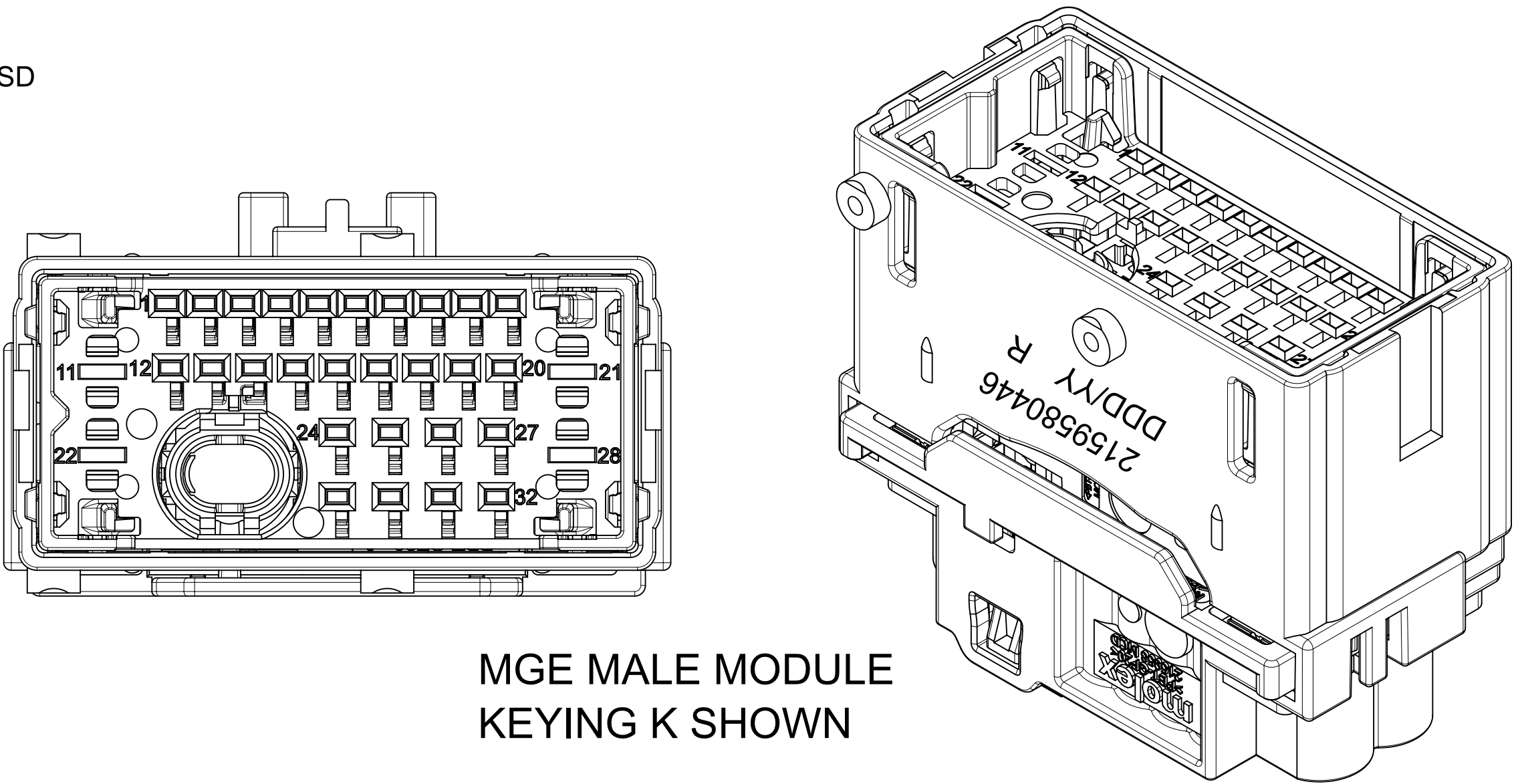
MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	VJ	2023-06-27
A1	SHEET 3 : REVIEW MARKING 3c IN TABLE ADD DIM E.110 , E.118 , E.119 , E.121 , E.123 ADD ASSOCIATED PARTS TABLE	VJ	2024-04-19



HSD MALE MODULE
KEYING F SHOWN



Mini Coax MALE MODULE
KEYING H SHOWN



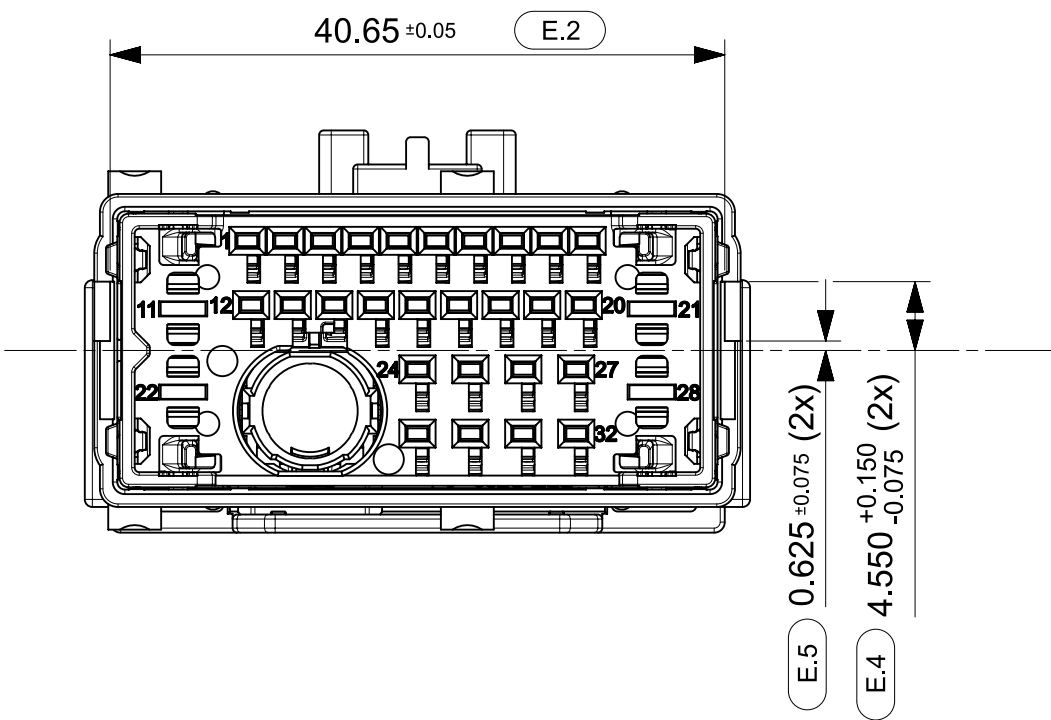
MGE MALE MODULE
KEYING K SHOWN

- 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) :
- HSD VERSION : 18.11 g MAX
Mini Coax VERSION : 19.21 g MAX
MGE VERSION : 19.24 g MAX
2. DESIGN - MATERIALS:
SEE TABLE ON SHEET 3

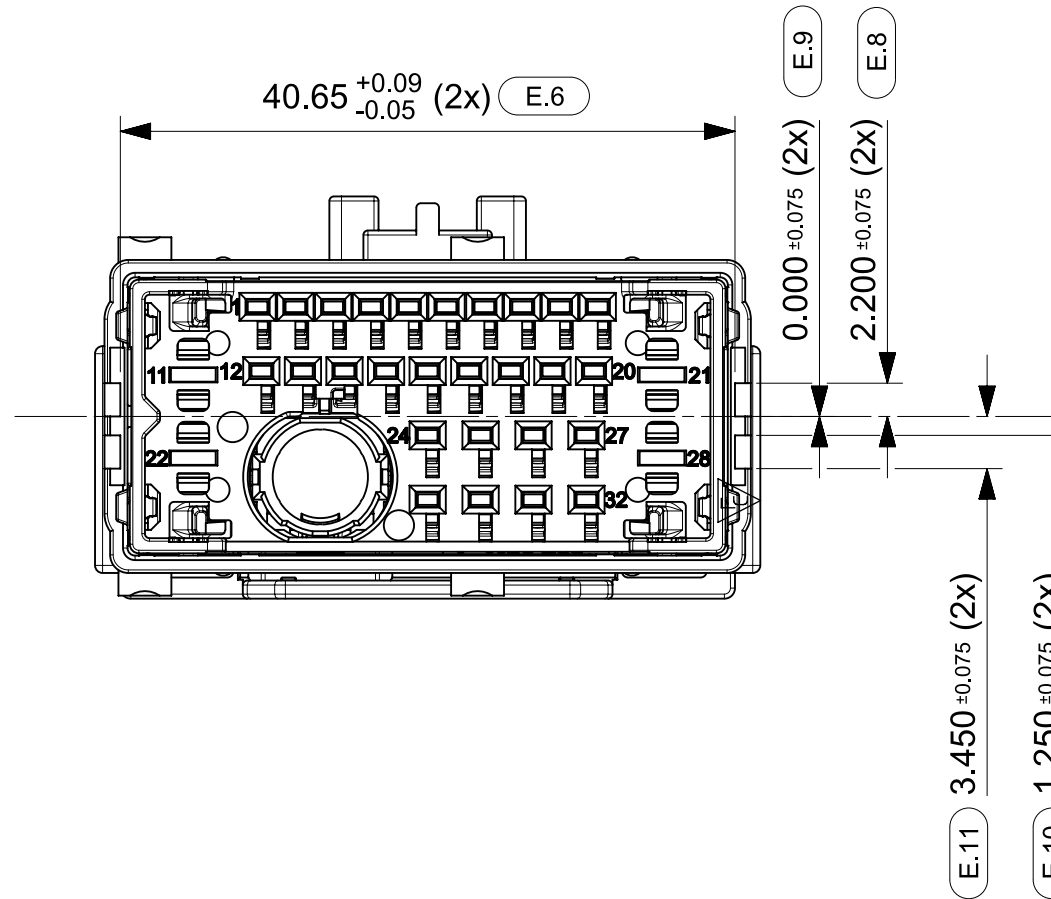
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE					
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet 2023-11-30 2024-04-19 2024-04-19 SHEET 3 215958 SEE SHEET 3 DOCUMENT NUMBER 2159580400-SD GENERAL MARKET DOC TYPE PSD GENERAL MARKET DOC PART 000 1 OF 4 REVISION A1					
ANGULAR TOL ± 0.5°									
4 PLACES		± 0.01000							
3 PLACES		± 0.03000							
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		215958	
								SEE SHEET 3	
								CUSTOMER	
								GENERAL MARKET	
								SHEET NUMBER	
								1 OF 4	

KEYING DEFINITION

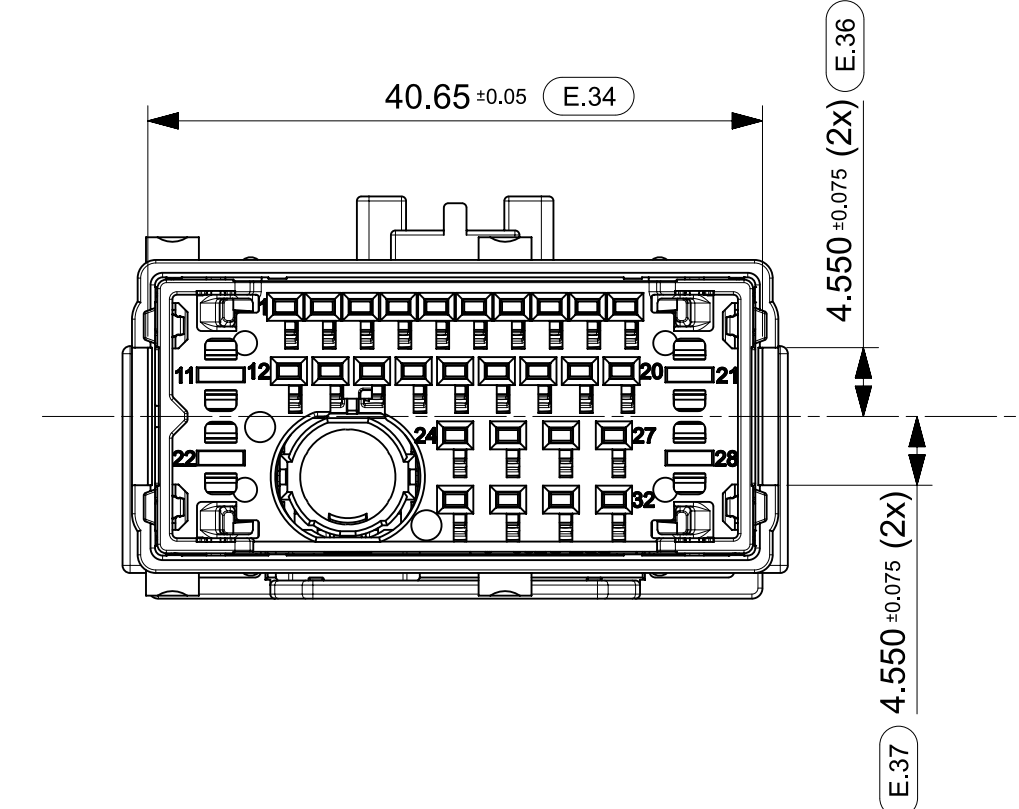
HSD MODULE	
KEYING	F
MOLEX PART NUMBER	2159580416
COLOR	BROWN
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BROWN



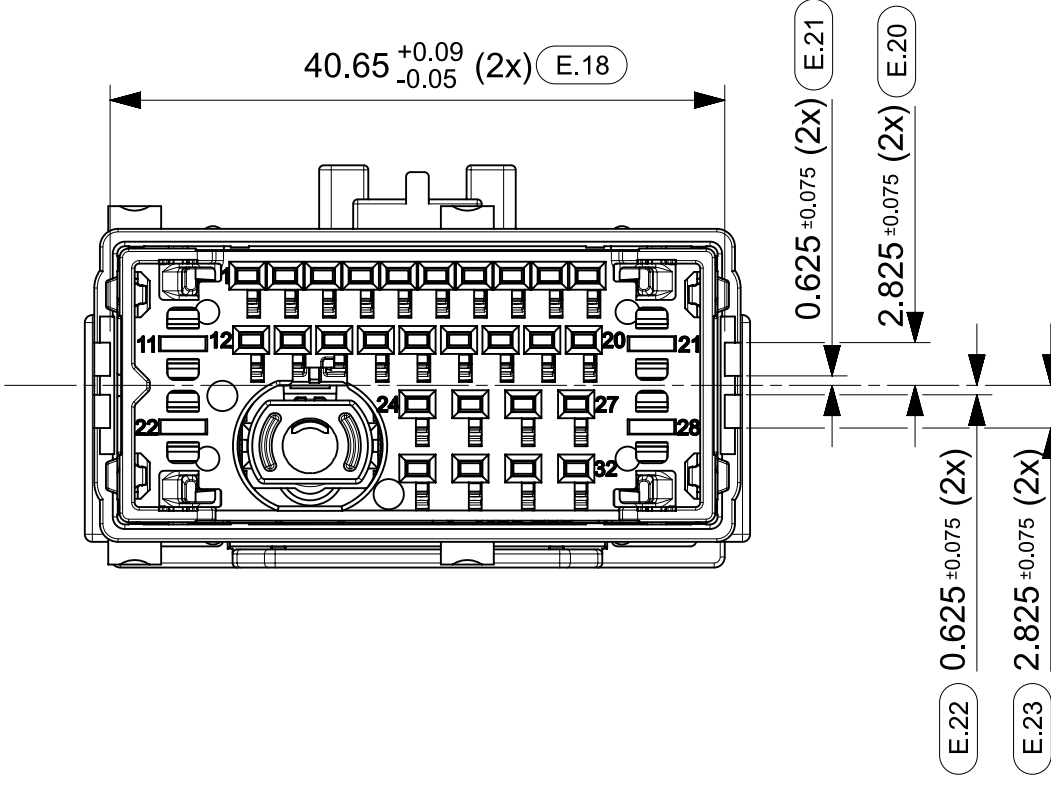
HSD MODULE	
KEYING	G
MOLEX PART NUMBER	2159580417
COLOR	GREEN
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	GREEN



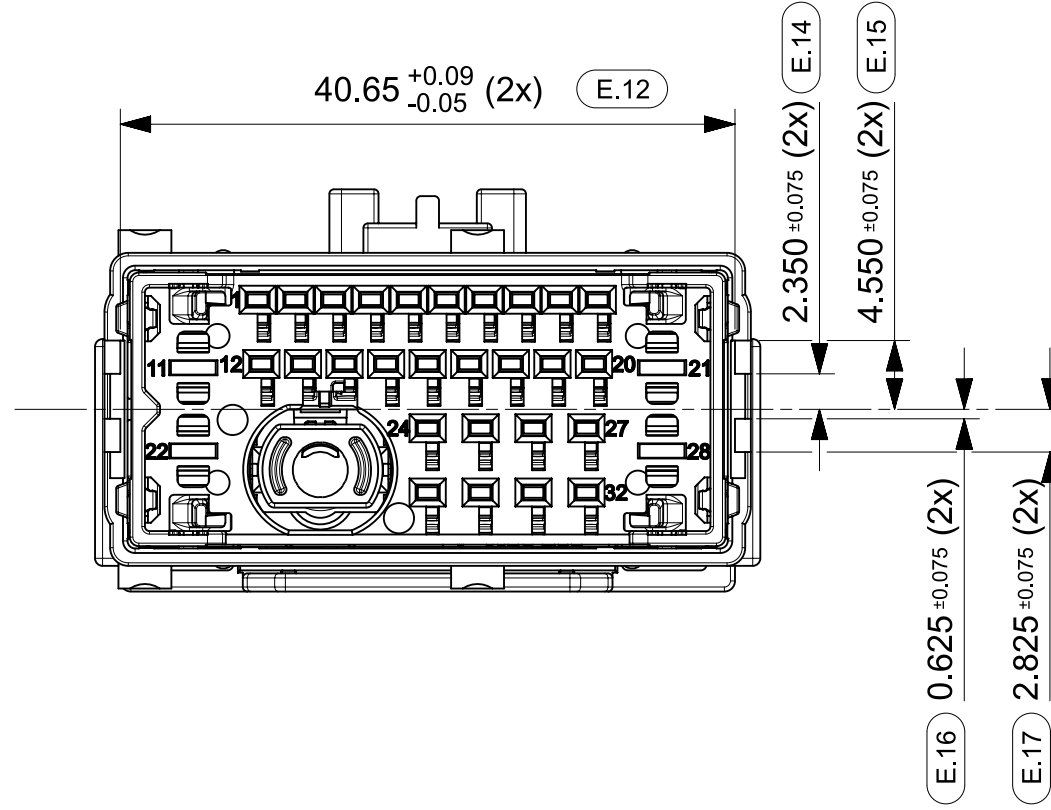
HSD MODULE	
KEYING	W
MOLEX PART NUMBER	2159580418
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	PURPLE



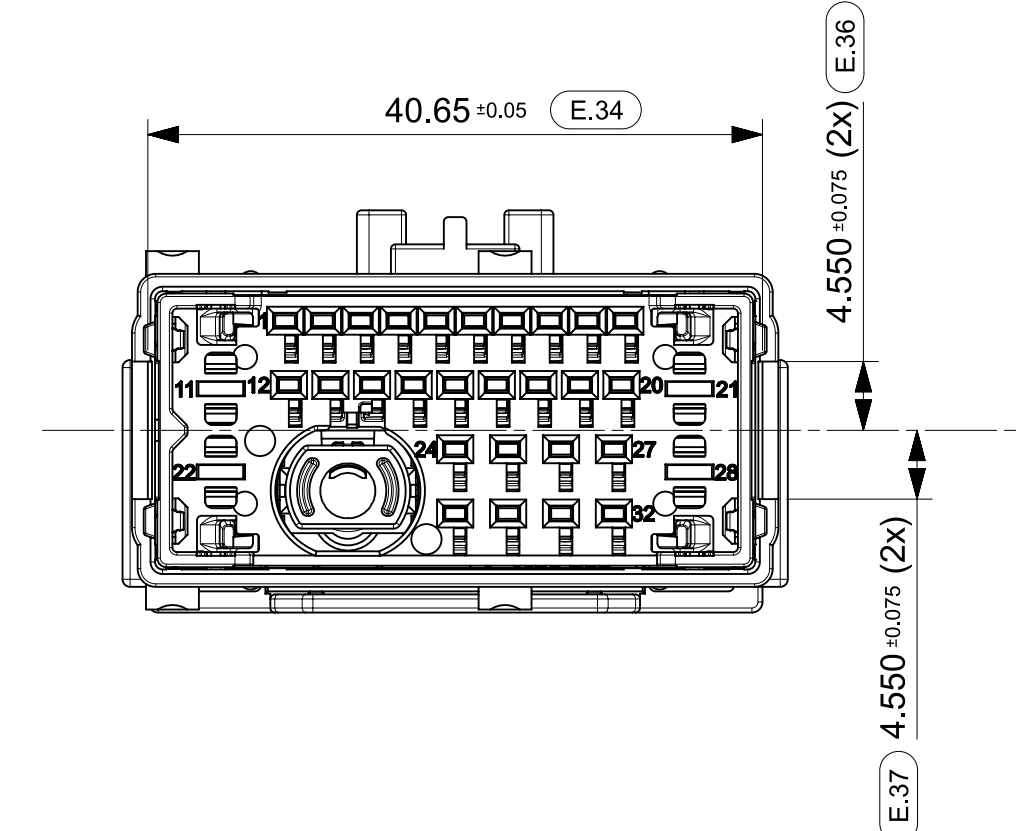
Mini Coax MODULE	
KEYING	H
MOLEX PART NUMBER	2159580426
COLOR	NATURAL - WHITE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	NATURAL - WHITE



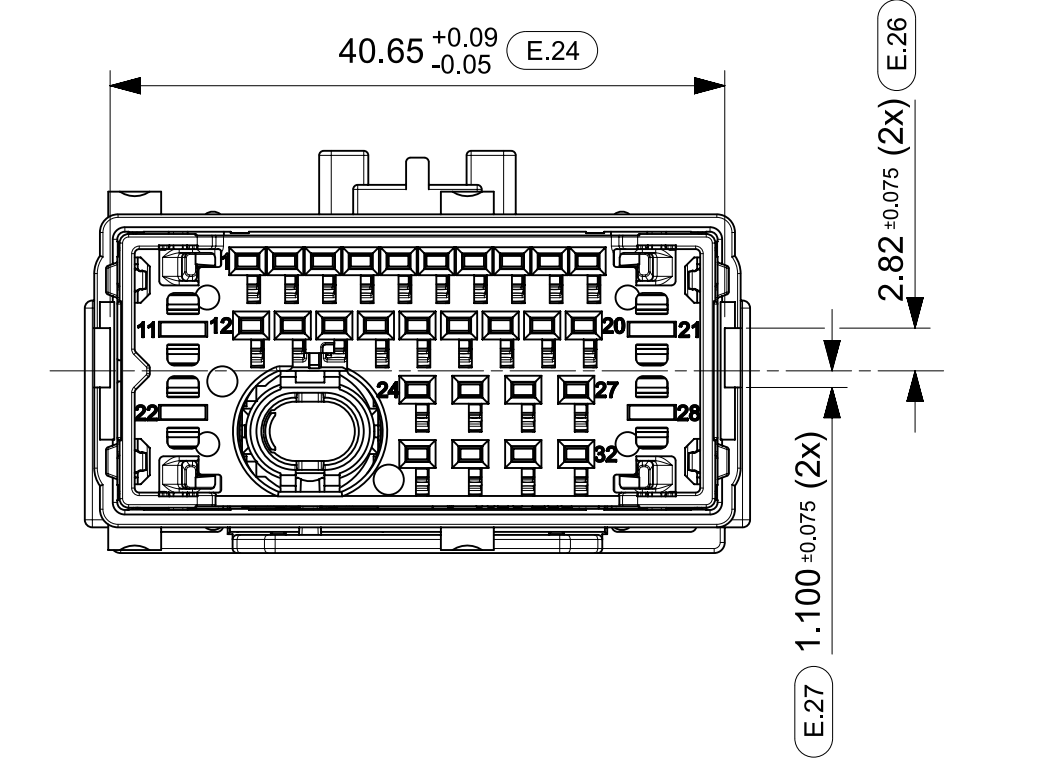
Mini Coax MODULE	
KEYING	J
MOLEX PART NUMBER	2159580427
COLOR	BLACK
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	BLACK



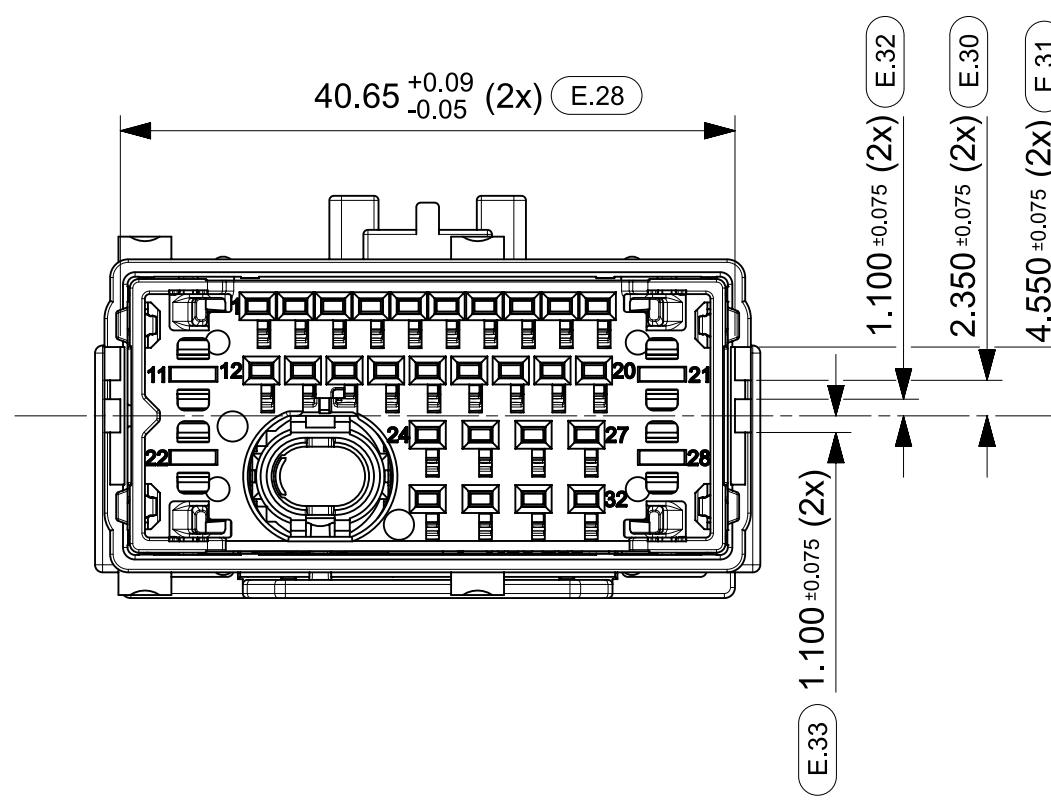
Mini Coax MODULE	
KEYING	X
MOLEX PART NUMBER	2159580428
COLOR	PURPLE
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	PURPLE



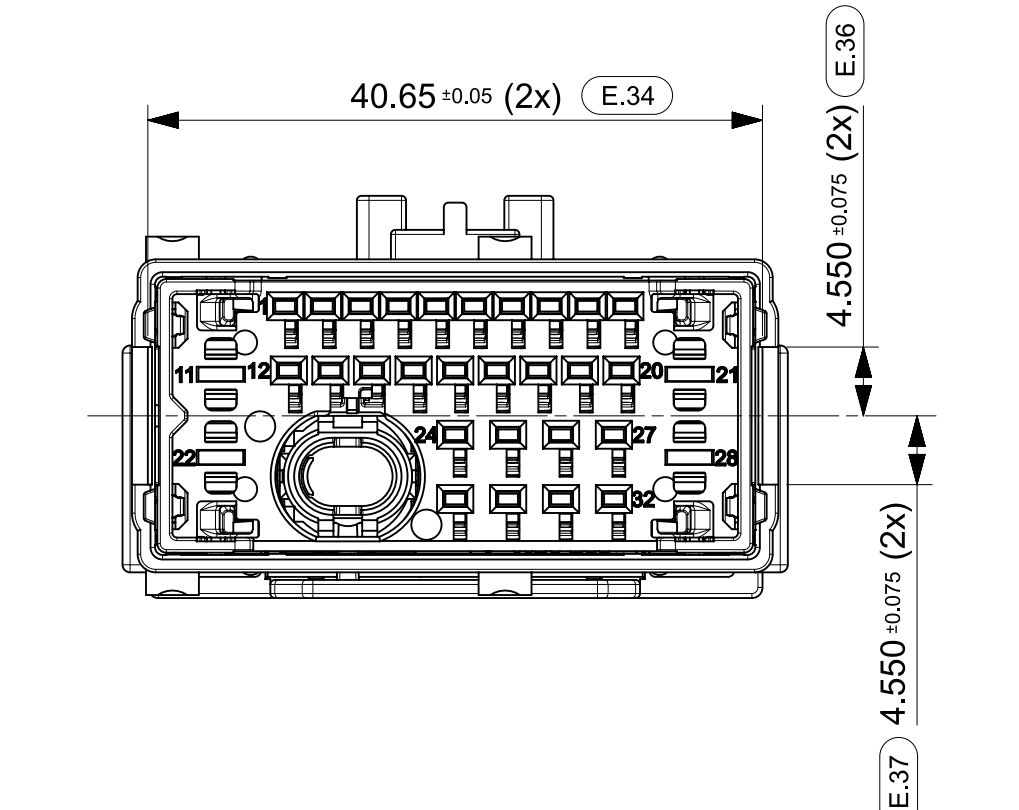
MGE MODULE	
KEYING	K
MOLEX PART NUMBER	2159580446
COLOR	GREY
COMPATIBLE WITH RECEPTACLE HOUSING COLOR	GREY



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

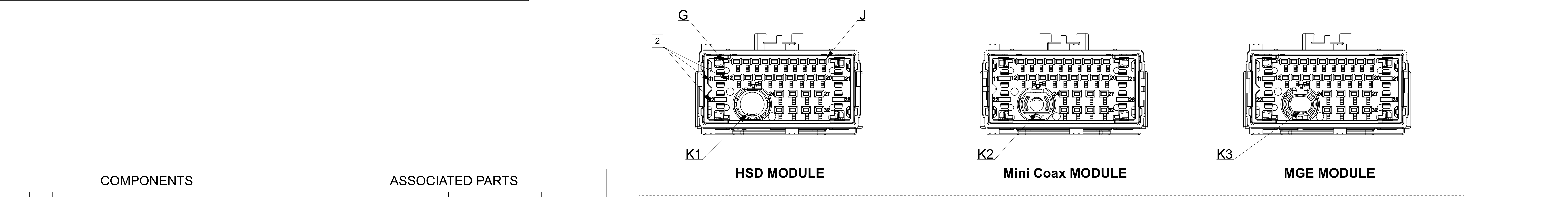
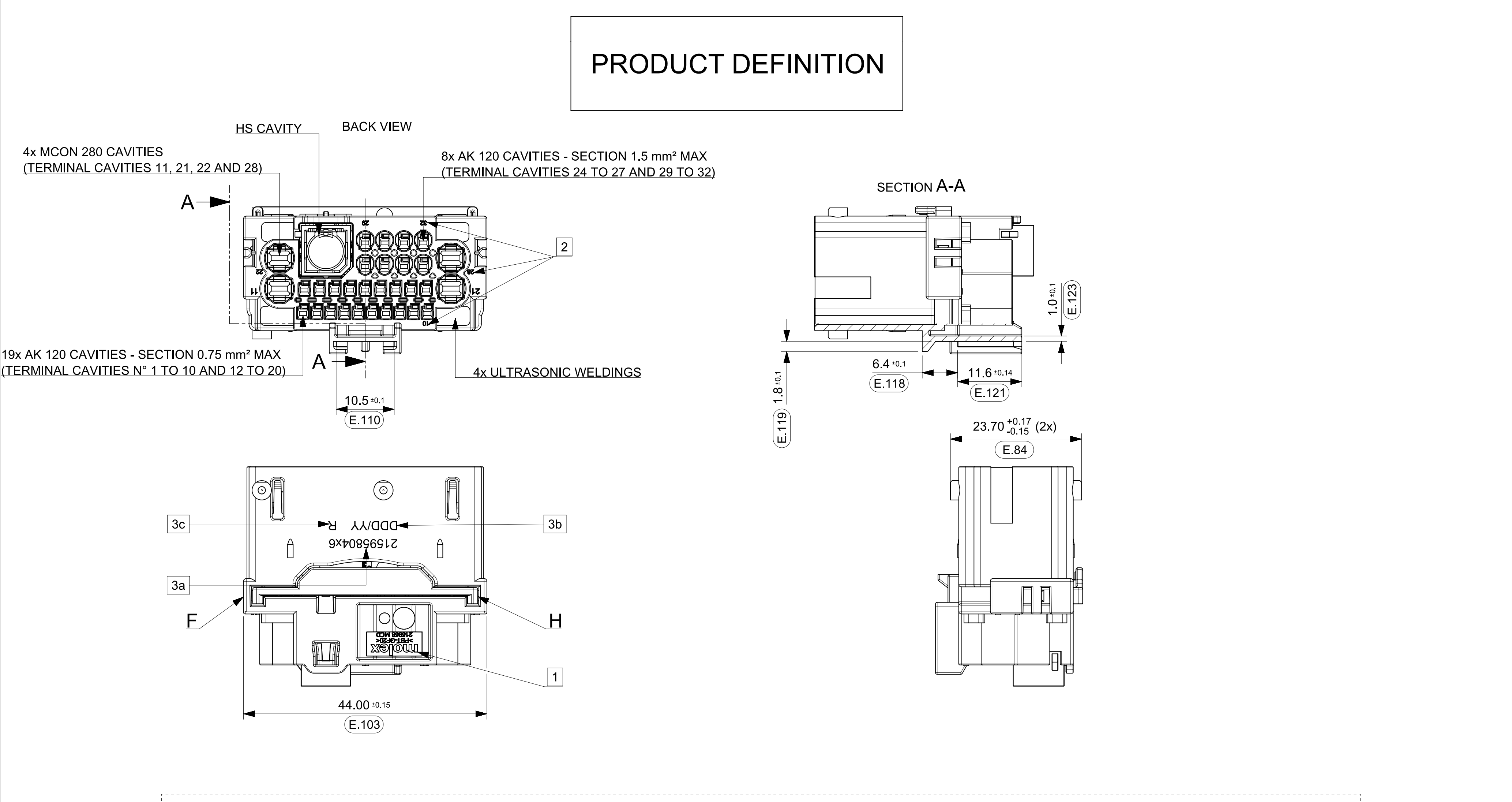
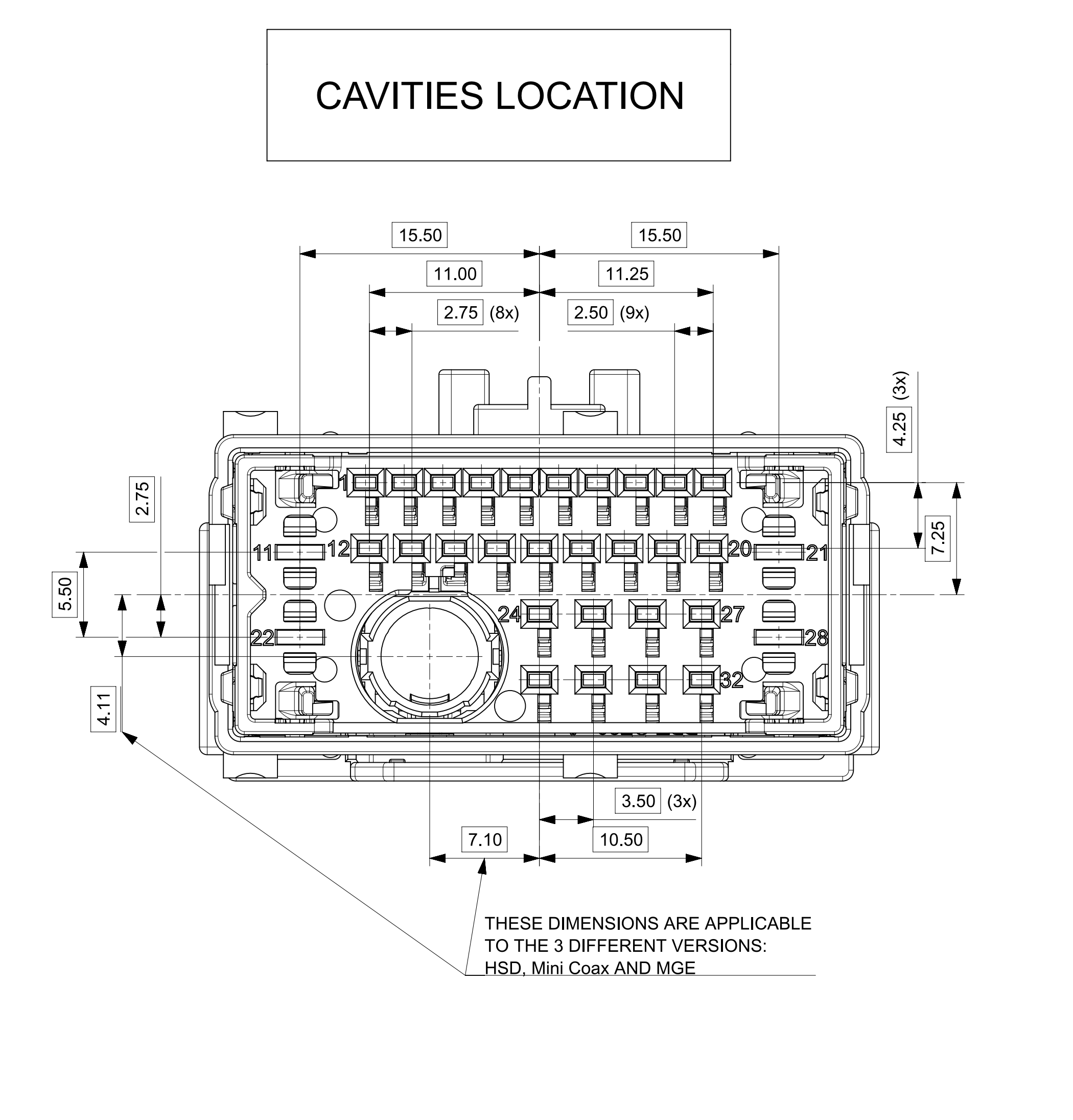
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580400-SD	PSD	000	A1

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

molex

MX-DaSH_32CKT ASSY BLADE HSG

PRODUCT SALES DRAWING



POS.	QTY	DESCRIPTION	MATERIAL	COLOR	DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
F	1	32CKT HYB HS BLADE CONN HSG	PBT-GF20	FOLLOWING KEYING	OCS 120 MALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265581	TIN
G	1	32CKT HYB HS BLADE TERM HSG	PBT-GF20	BLACK		0.35 - 0.50	33265583	
H	1	32CKT HYB HS BLADE ISL	PBT-GF20	BLACK FOR KEYING H		0.75 - 1.00	33265584	
				NATURAL - WHITE FOR REMAINING KEYING		1.50	33265585	
J	1	32CKT HYB HS PPP	PBT-GF20	NATURAL - WHITE	MCON 280 MALE TERMINAL TE	0.50	1-968946-1	
K1		HSD MALE MODULE	PBT-GF20	BLACK		0.75 - 1.00	1-963860-1	
						1.50 - 2.50	1-962841-1	
K2	1	Mini Coax MALE MODULE	PBT-GF20	BLACK		3.00 - 4.00	1-962842-1	
K3		MGE MALE MODULE	PBT-GF20	BLACK	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
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

DOCUMENT NUMBER
2159580400-SD

DOC TYPE
PSD

DOC PART
000

REVISION
A1

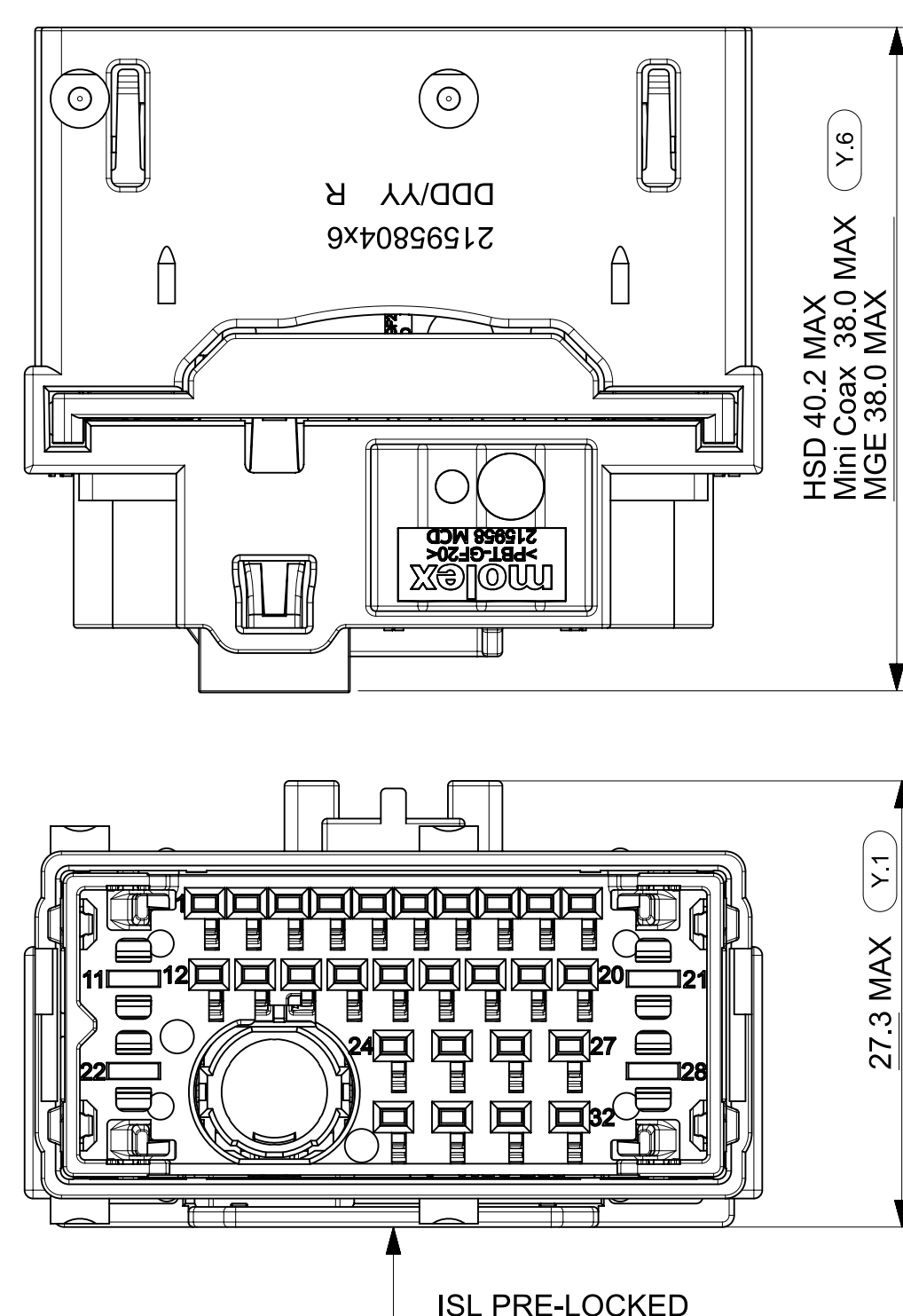
PRODUCT SALES DRAWING

SEE TABLE

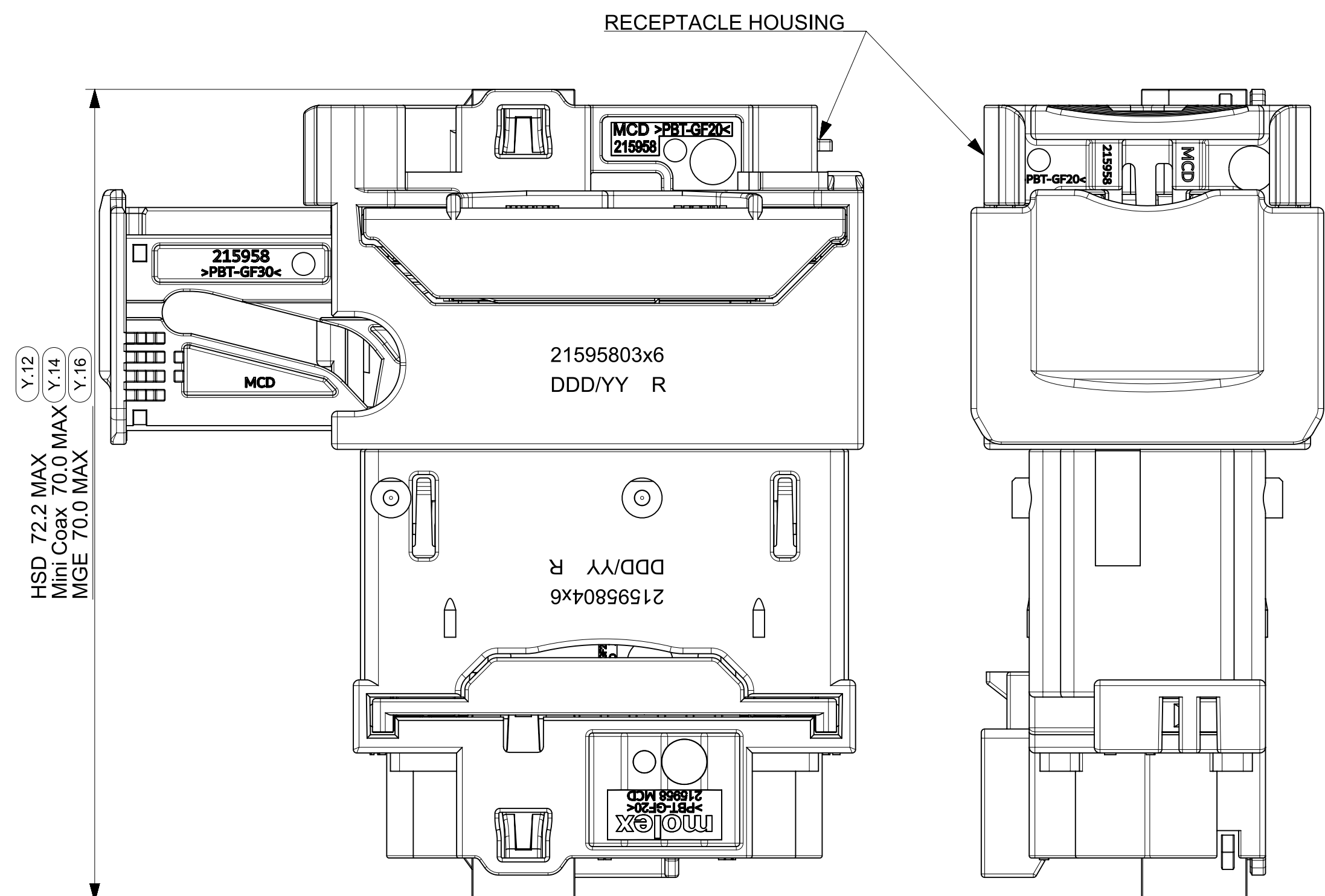
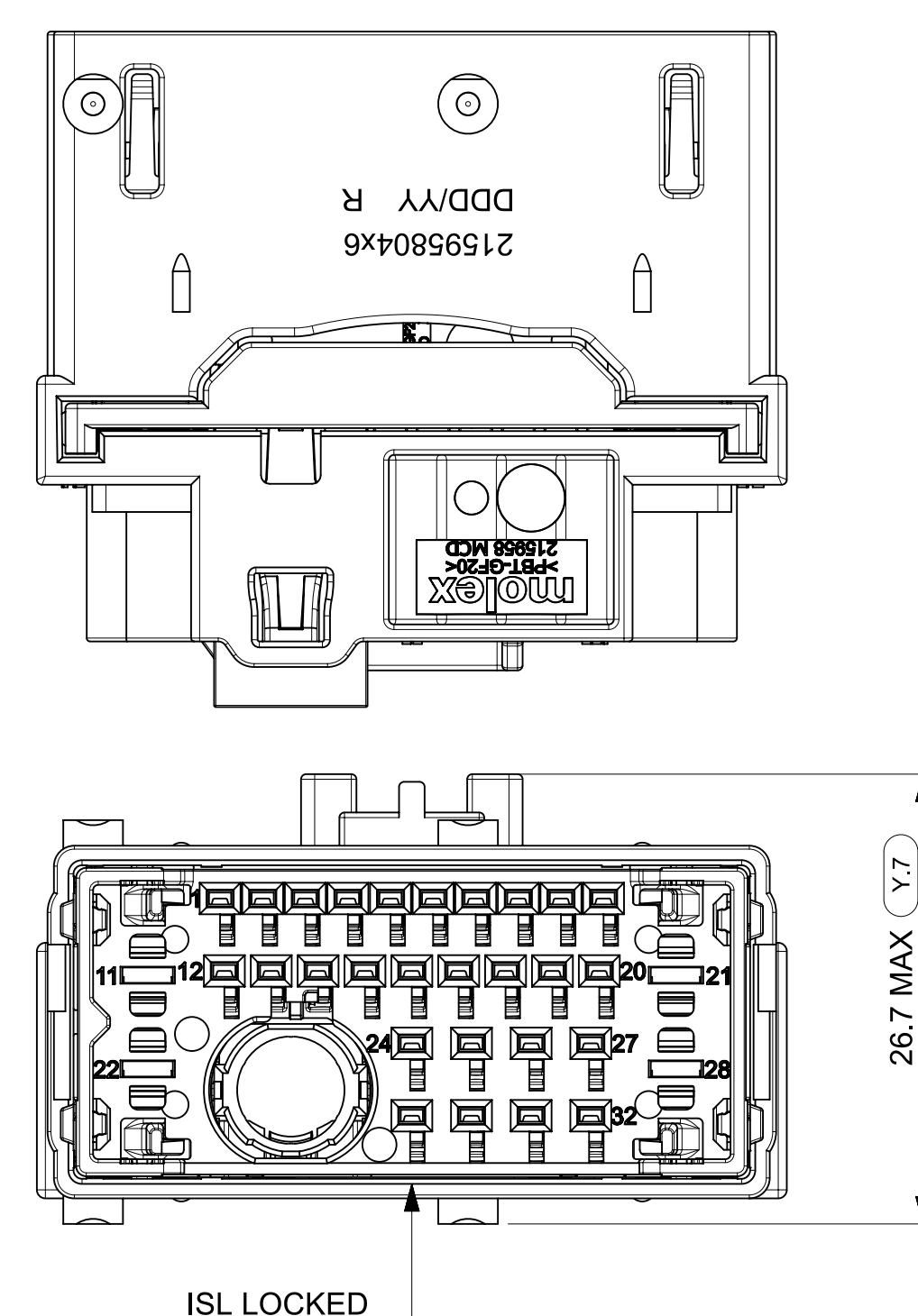
GENERAL MARKET

SHEET NUMBER
3 OF 4

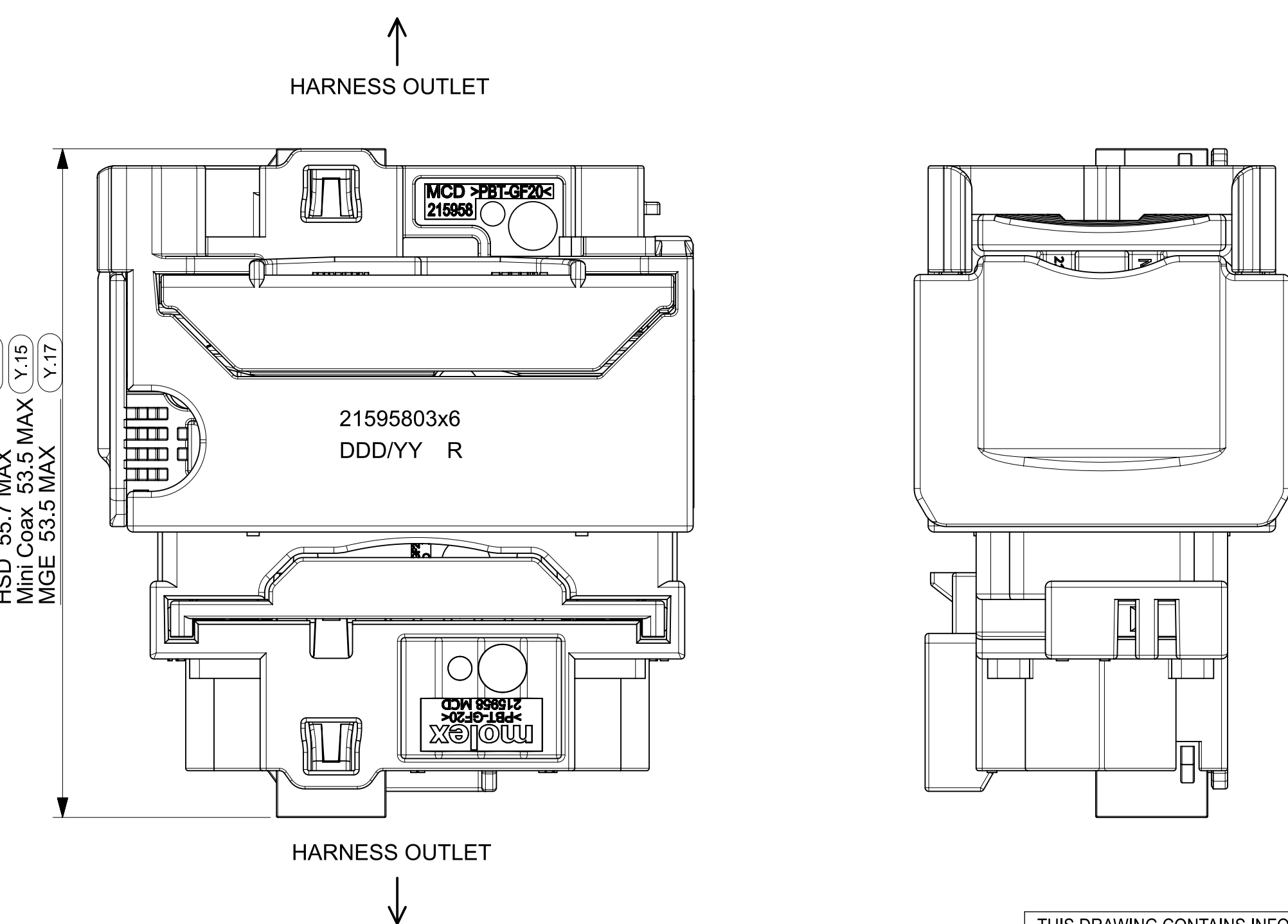
OVERALL BLADE HOUSING DIMENSIONS
DELIVERY POSITION



OVERALL BLADE HOUSING DIMENSIONS
- ISL LOCKED -



BEFORE MATING POSITION



FULLY MATED POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS

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DIMENSION UNITS mm		SCALE 2.5:1		CURRENT REV DESC: SEE REVISION TABLE					
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet 2023-11-30 2024-04-19 2024-04-19 215958 SEE SHEET 3 GENERAL MARKET 4 OF 4					
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 A1-SIZE		SERIES 215958	
						MATERIAL NUMBER SEE SHEET 3		CUSTOMER GENERAL MARKET	
						DOCUMENT NUMBER 2159580400-SD		DOC TYPE PSD	
						DOC PART 000		REVISION A1	