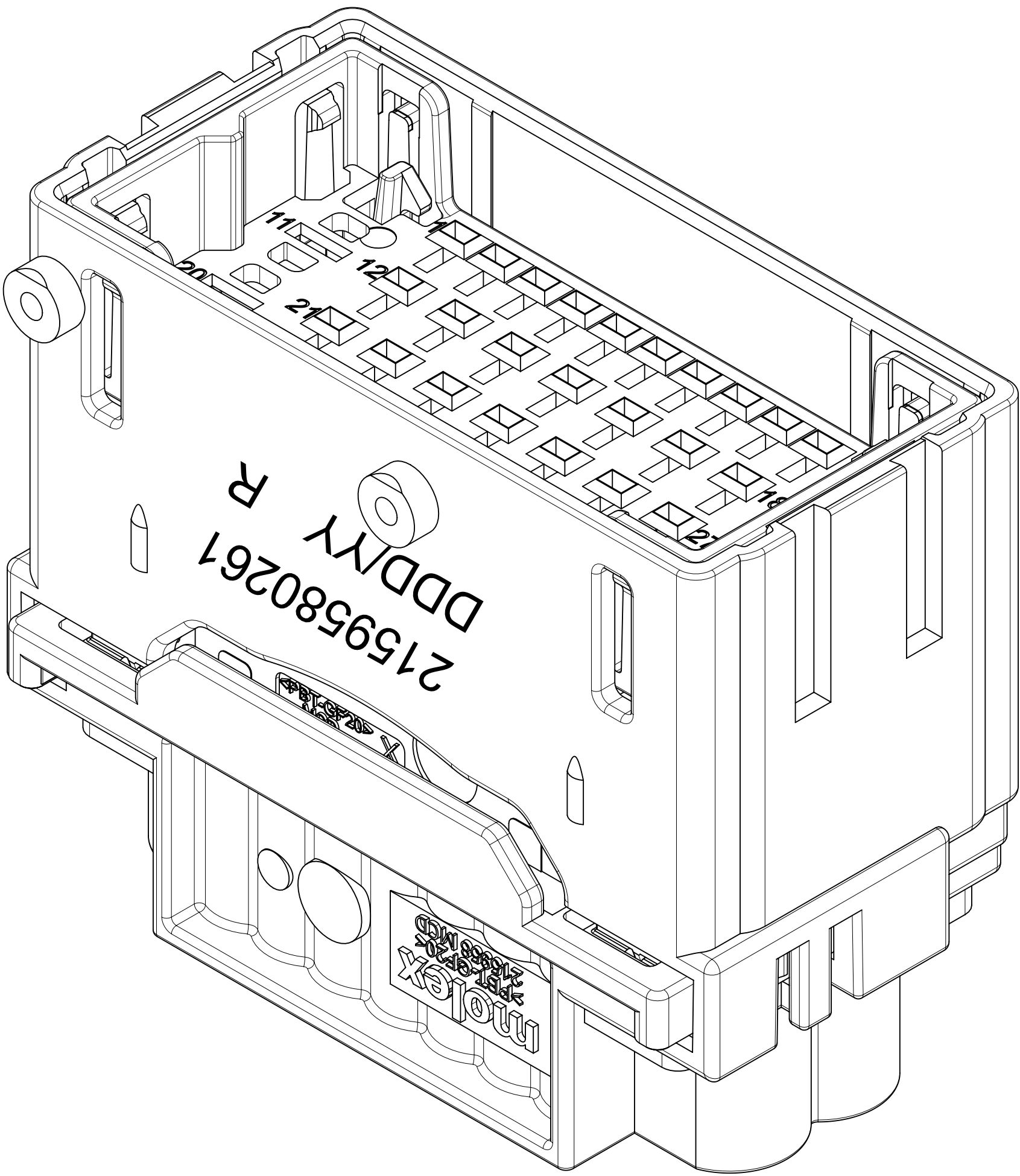


MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	DHG	2023-03-02
A1	FROM 2159580164 TO 2159580264 IN TABLE KEYING D FROM COMPATIBLE WITH BLADE HOUSING COLOR TO COMPATIBLE WITH RCPT HOUSING COLOR IN TABLE FOR ALL KEYINGS FROM RESTRICTED PRODUCT SALES DRAWING TO PRODUCT SALES DRAWING	VJ	2023-07-26
A2	SHEET 3 : ADD ASSOCIATED PARTS TABLE WITH SUPPLIER P/N AND ADD DIM E.99 , E.106 , E.107 , E.110 , E.112	VJ	2024-02-21



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 2159580150-SD
- 1.7

CONNECTOR MATING FORCE ALLOWED : 60 N MAXI
- 1.8

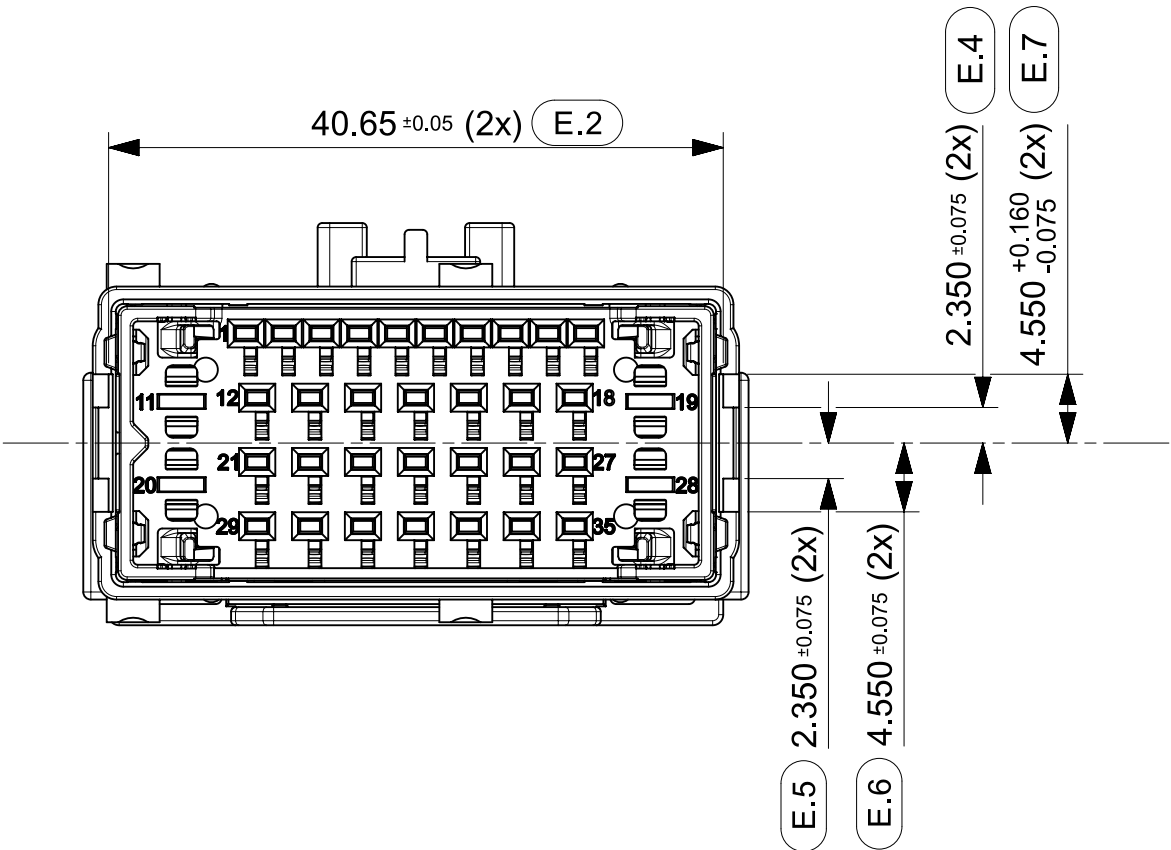
WEIGHT (GRAMS) : 18.05 g
- 1.9

THE BLADE HOUSING SHOWN IS KEYING A
2. DESIGN - MATERIALS:
- SEE TABLE ON SHEET N°3

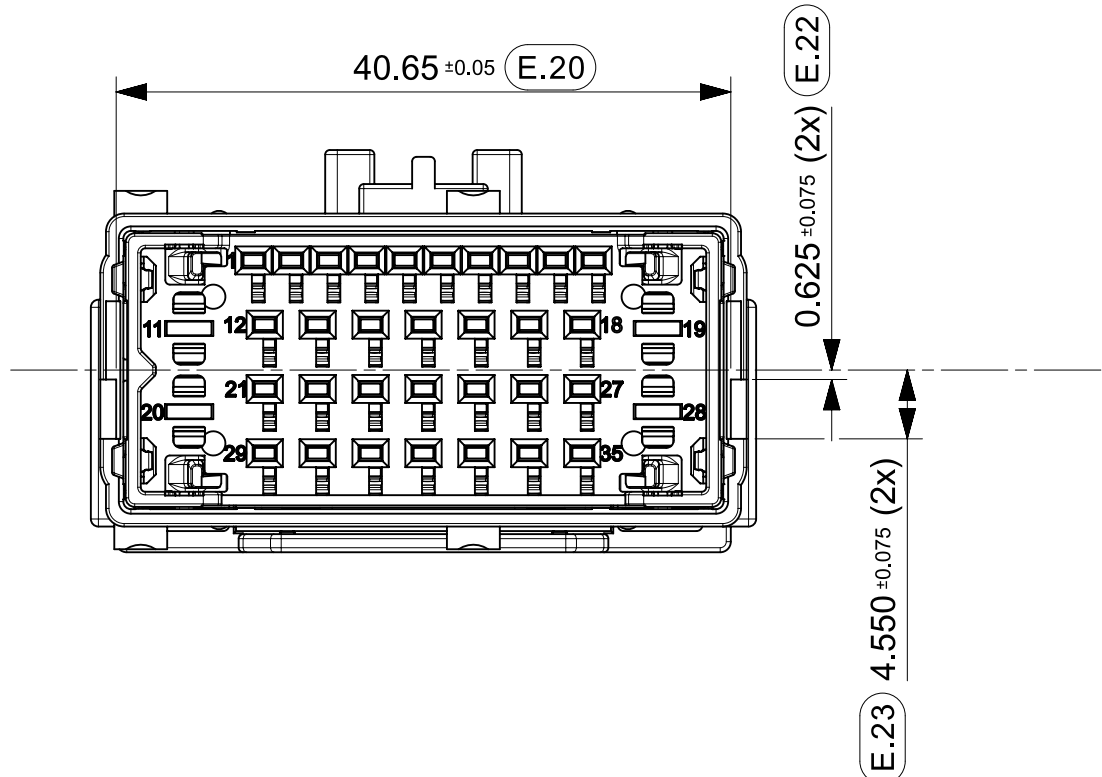
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE				molex									
mm		2.5:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				35CKT HYB STD_ ASSY BLADE HSG													
ANGULAR TOL ± 2°																	
4 PLACES		± 0.03000															
3 PLACES		± 0.0300															
2 PLACES		± 0.050															
1 PLACE ± 0.10				STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet 2023-11-30 2024-02-28 2024-02-28				PRODUCT SALES DRAWING									
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			
										DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
										2159580250-SD		PSD		000		A2	

KEYING DEFINITION

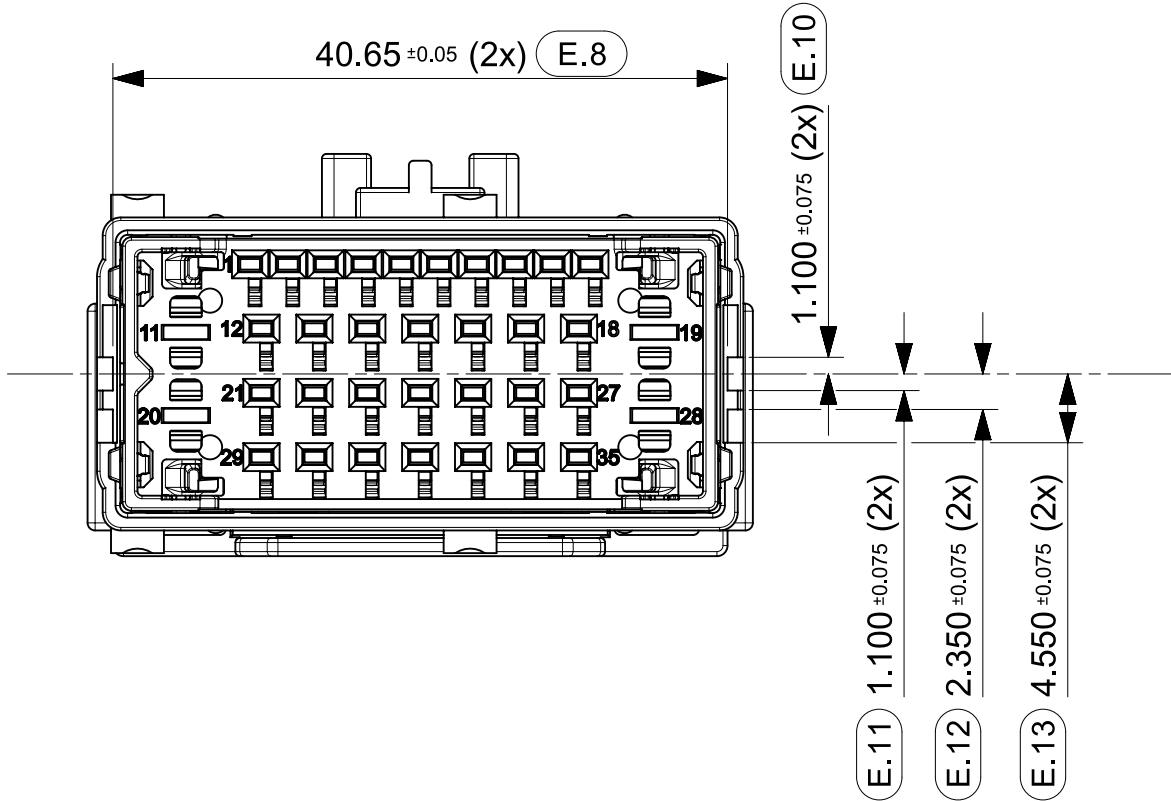
KEYING	A
MOLEX PART NUMBER	2159580261
COLOR	NATURAL WHITE
COMPATIBLE WITH RCPT HOUSING COLOR	NATURAL WHITE



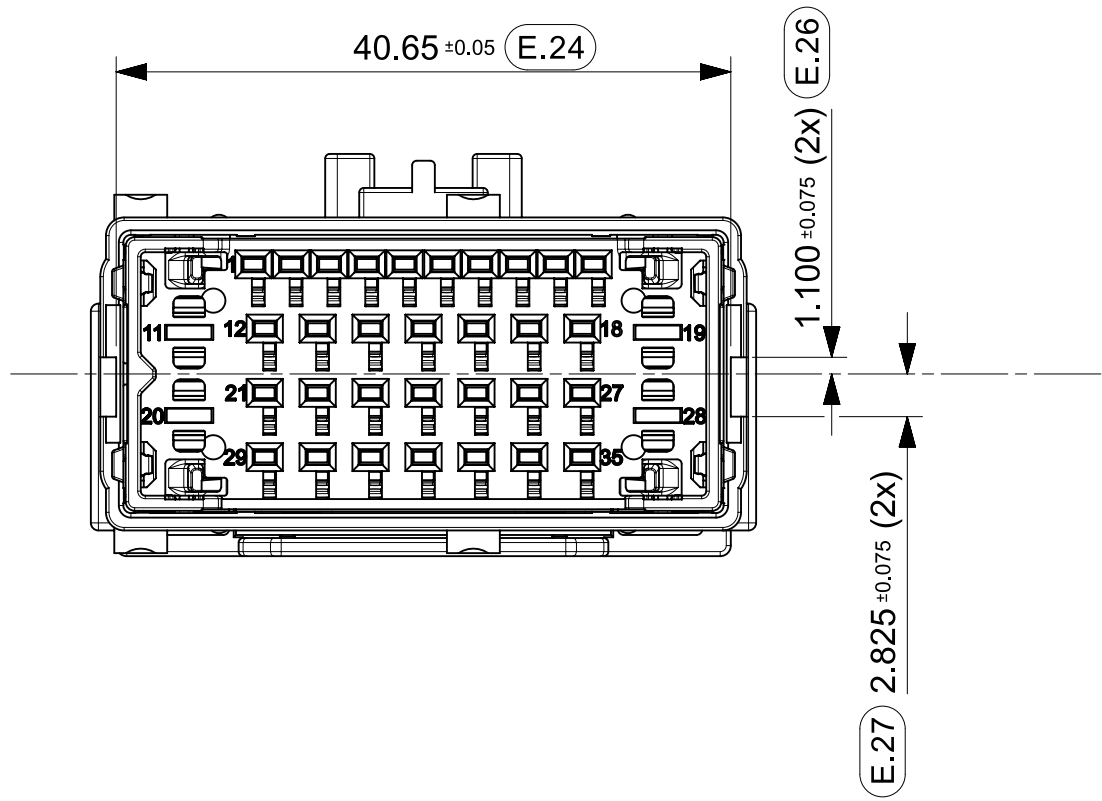
KEYING	D
MOLEX PART NUMBER	2159580264
COLOR	BLUE
COMPATIBLE WITH RCPT HOUSING COLOR	BLUE



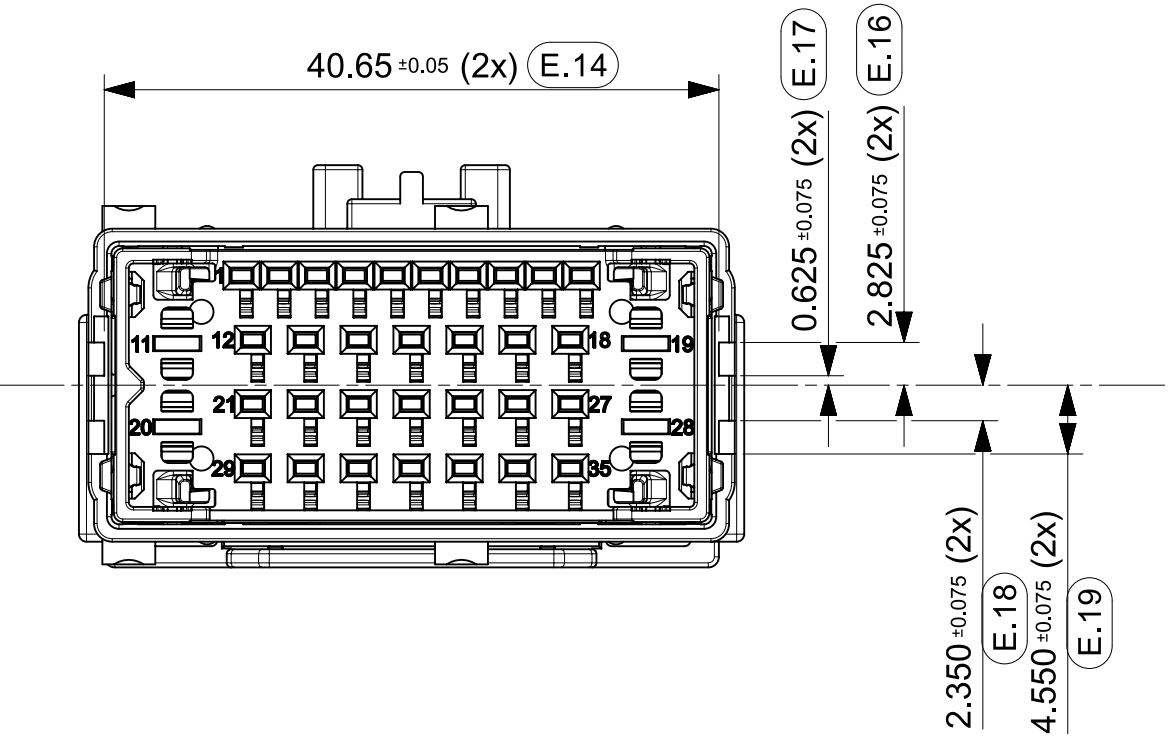
KEYING	B
MOLEX PART NUMBER	2159580262
COLOR	BLACK
COMPATIBLE WITH RCPT HOUSING COLOR	BLACK



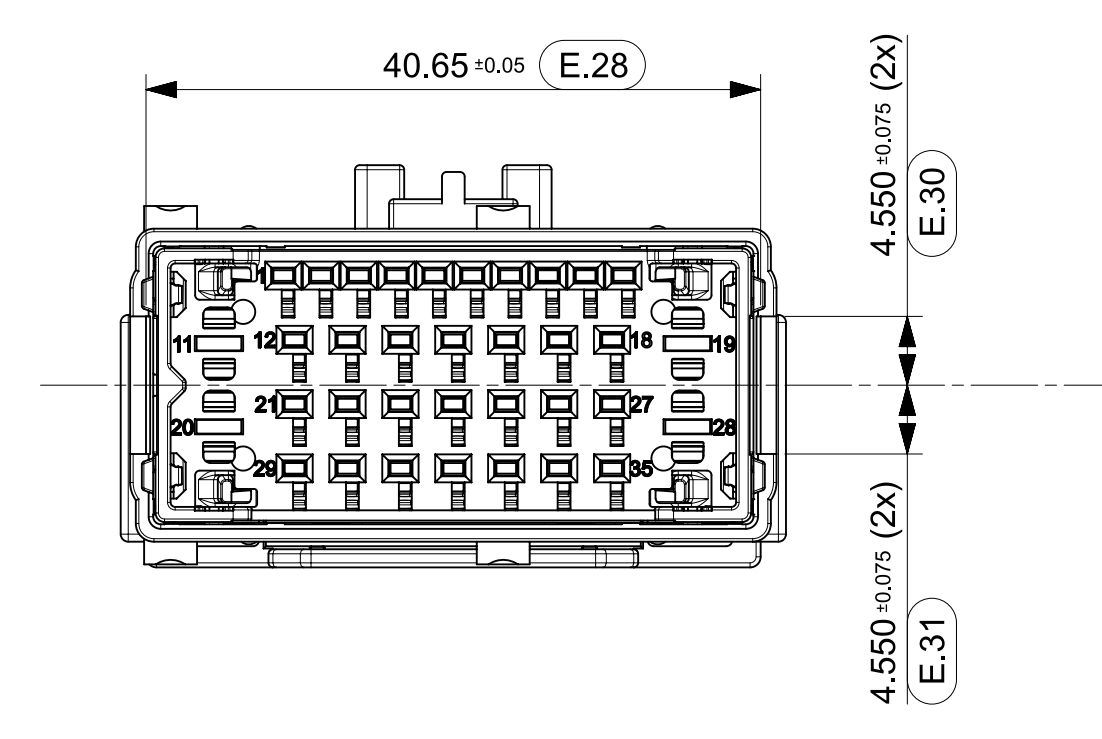
KEYING	E
MOLEX PART NUMBER	2159580265
COLOR	BROWN
COMPATIBLE WITH RCPT HOUSING COLOR	BROWN



KEYING	C
MOLEX PART NUMBER	2159580263
COLOR	GRAY
COMPATIBLE WITH RCPT HOUSING COLOR	GRAY



KEYING	Z
MOLEX PART NUMBER	2159580269
COLOR	PURPLE
COMPATIBLE WITH RCPT HOUSING COLOR	PURPLE



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 2°
4 PLACES	± 0.03000
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

2024-02-28

2024-02-28

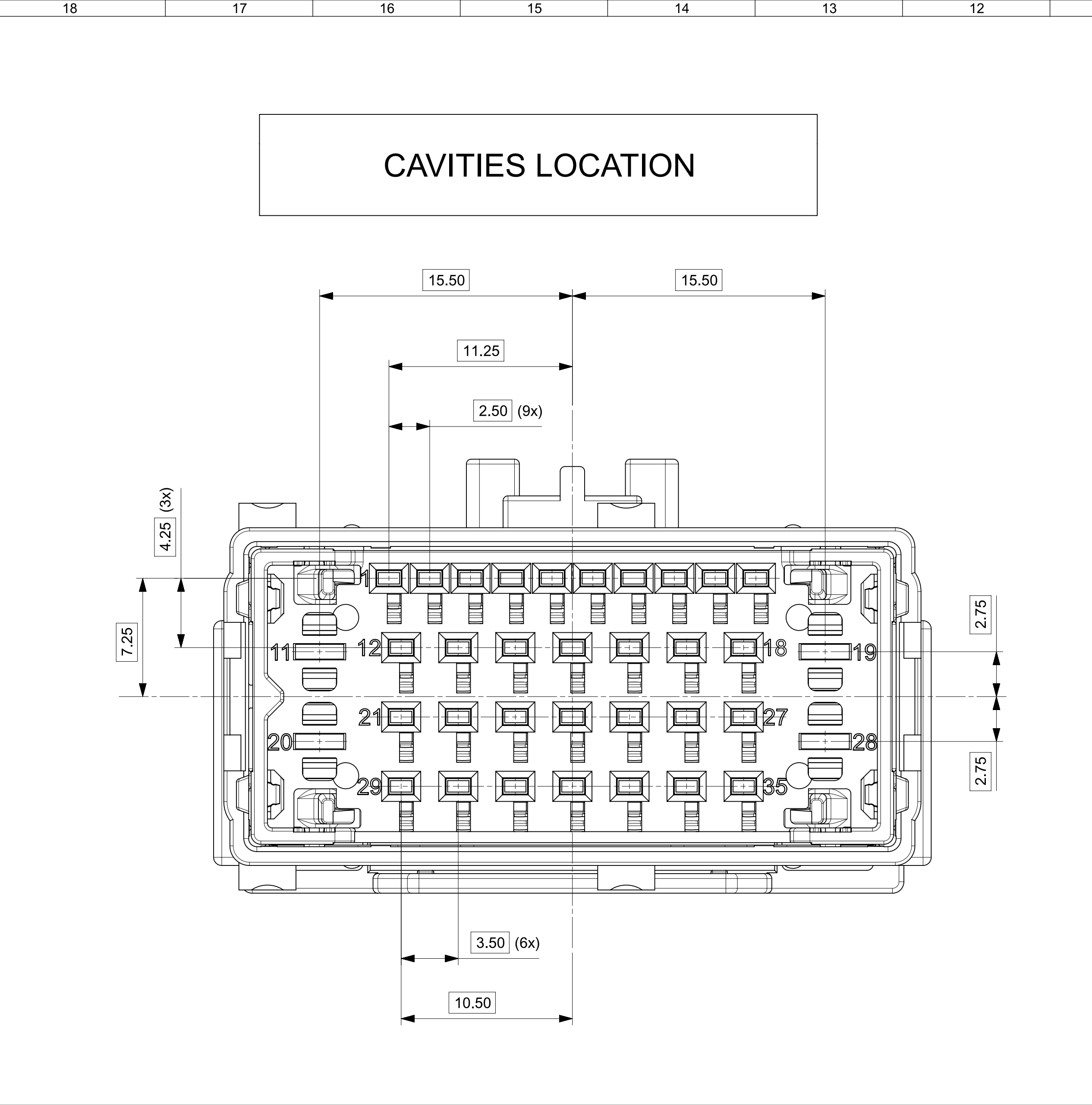
molex

35CKT HYB STD_ ASSY BLADE HSG

PRODUCT SALES DRAWING

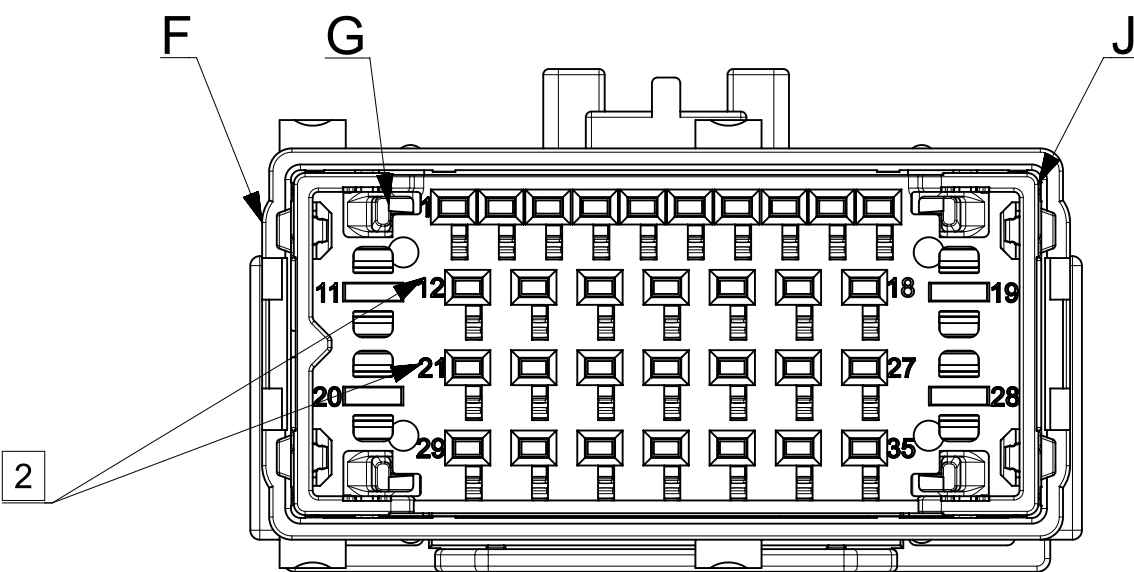
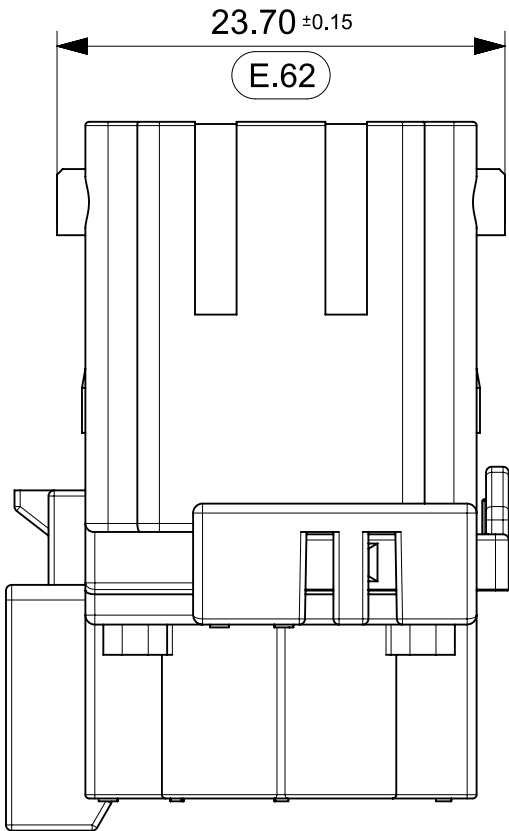
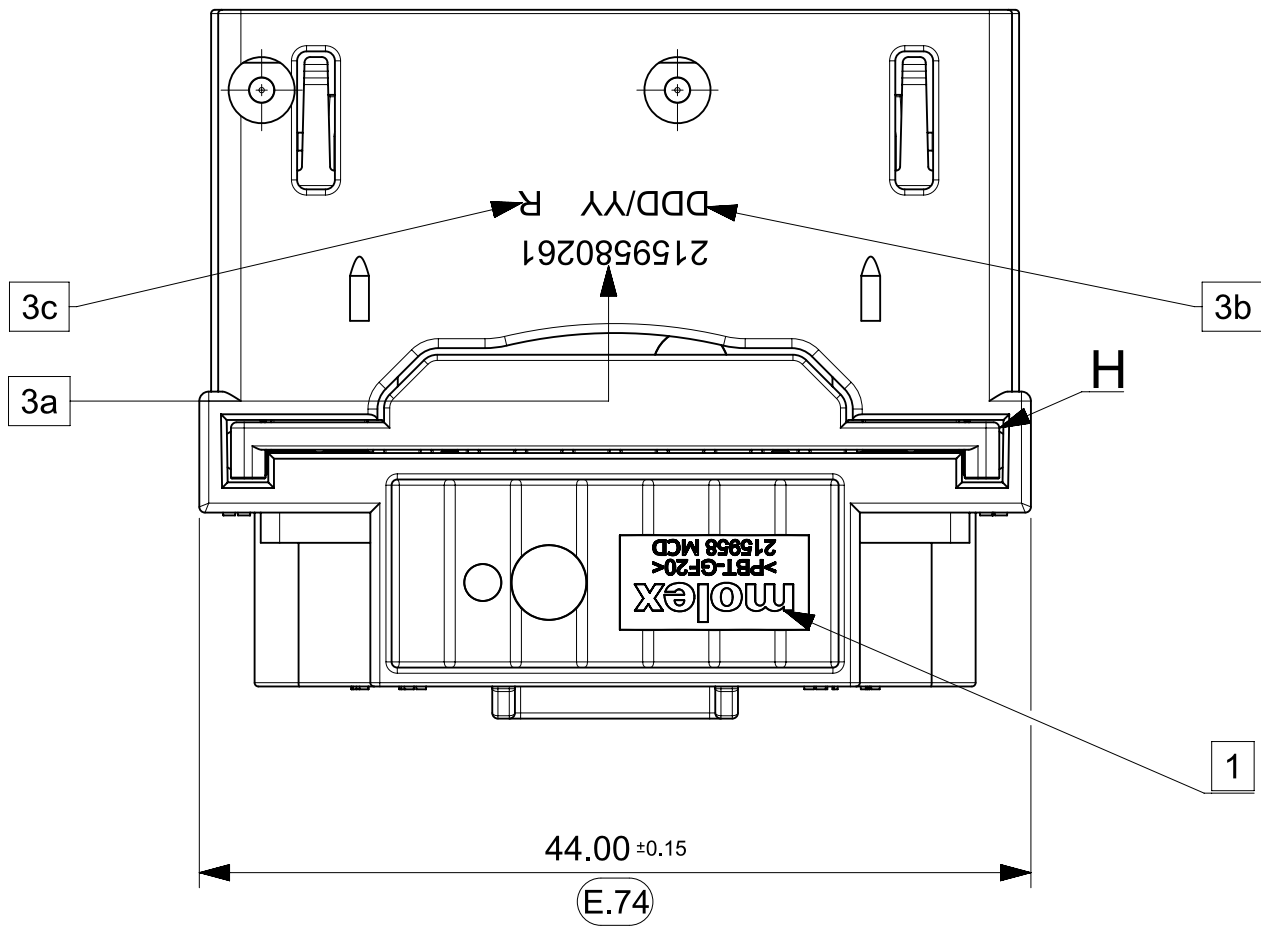
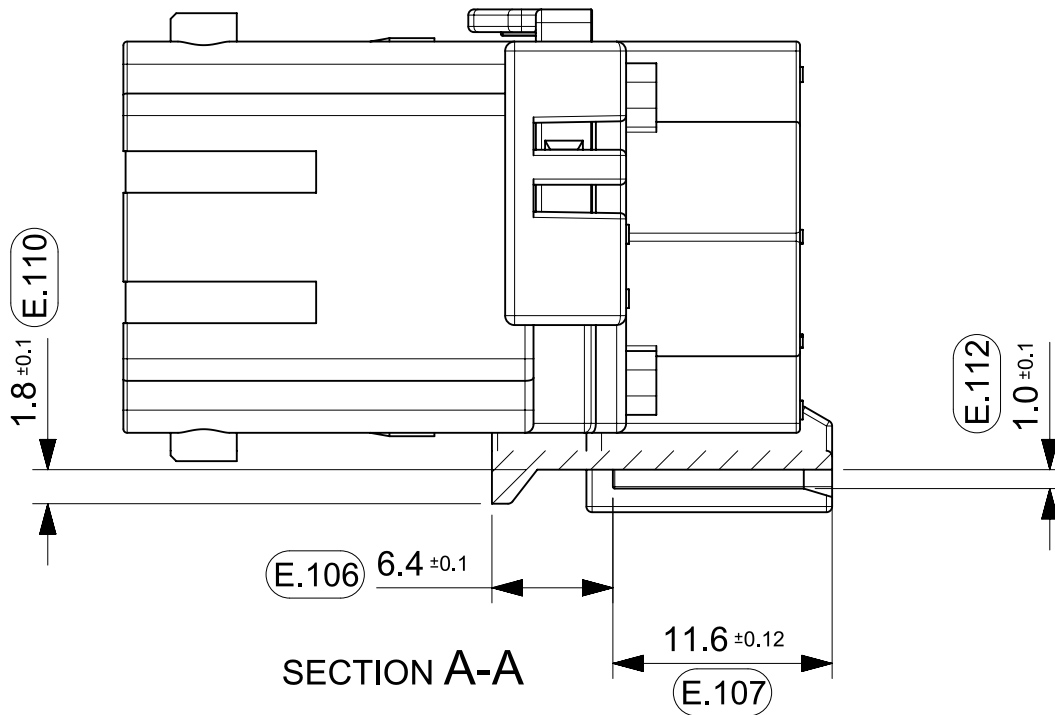
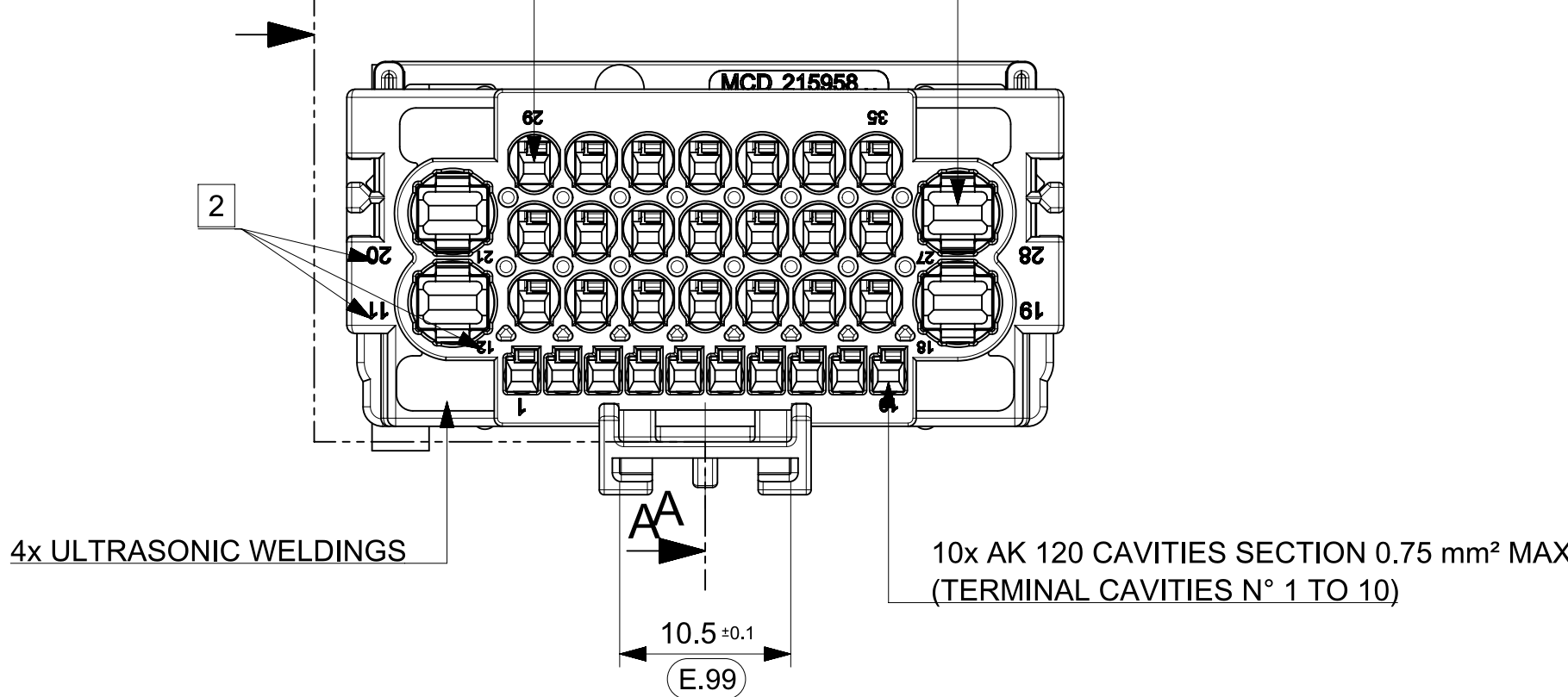
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580250-SD	PSD	000	A2

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



21x AK 120 CAVITIES SECTION 1.5 mm² MAX
(TERMINAL CAVITIES 12 TO 18, 21 TO 27 AND 29 TO 35)

4x MCP 280 CAVITIES
(TERMINAL CAVITIES 11, 19, 20 AND 28)



COMPONENTS				
POS.	QTY	DESCRIPTION	MATERIAL	COLOR
F	1	35CKT HYB STD BLADE CONN HSG	PBT-GF20	FOLLOWING KEYING
G	1	35CKT HYB STD BLADE TERM HSG	PBT-GF20	BLACK
H	1	STD BLADE ISL	PBT-GF20	NATURAL-WHITE FOR KEYINGS B C D E AND Z
				BLACK FOR KEYING A
J	1	STD PPP	PBT-GF20	NATURAL-WHITE

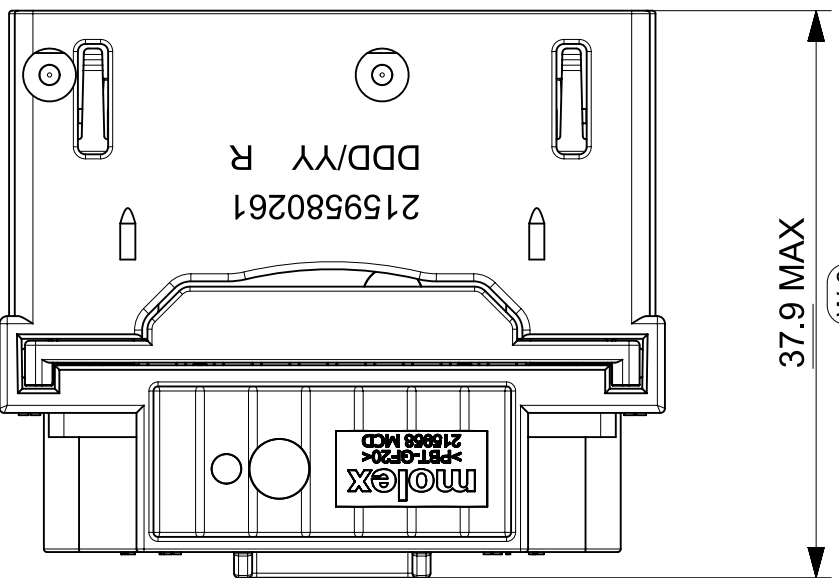
ASSOCIATED PARTS			
DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
OCS 120 MALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265581	TIN
	0.35 - 0.50	33265583	
	0.75 - 1.00	33265584	
	1.50	33265585	
MCON 280 MALE TERMINAL TE	0.50	1-963860-1	
	0.75 - 1.00	1-962841-1	
	1.50 - 2.50	1-962842-1	
	3.00 - 4.00	1-968946-1	

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

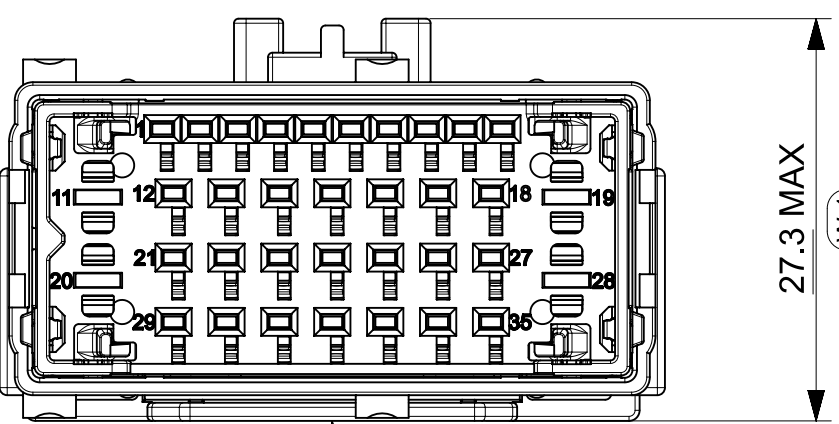
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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE											
mm		2.5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± 2°															
4 PLACES		± 0.03000		molex 35CKT HYB STD_ ASSY BLADE HSG											
3 PLACES		± 0.0300													
2 PLACES		± 0.050													
1 PLACE		± 0.10													
0 PLACES		± 0.15		PRODUCT SALES DRAWING											
DRAFT WHERE APPLICABLE WITHIN DIMENSIONS															
STATUS: Production DRWN: Valerie Jous CHK'D: OlivierPlessis APPR: Matthieu Huguet				2023-11-30		2024-02-28		2024-02-28							
				FIRST ANGLE PROJECTION		DRAWING		SERIES							
				A1-SIZE		215958		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								SEE TABLE		GENERAL MARKET		3 OF 4			
								2159580250-SD		PSD		000 A2			
								DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	

molex			
35CKT HYB STD_ASSY BLADE HSG			
PRODUCT SALES DRAWING			
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580250-SD	PSD	000	A2

OVERALL BLADE HOUSING DIMENSIONS
DELIVERY POSITION



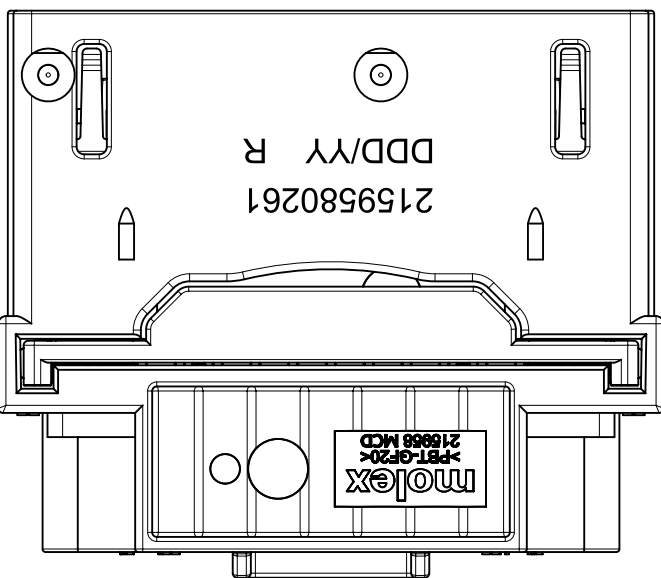
W.6



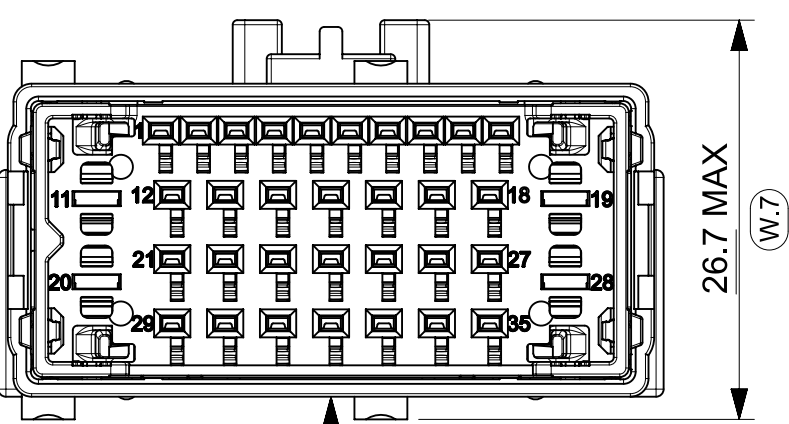
W.1

ISL PRE-LOCKED

OVERALL BLADE HOUSING DIMENSIONS ISL LOCKED

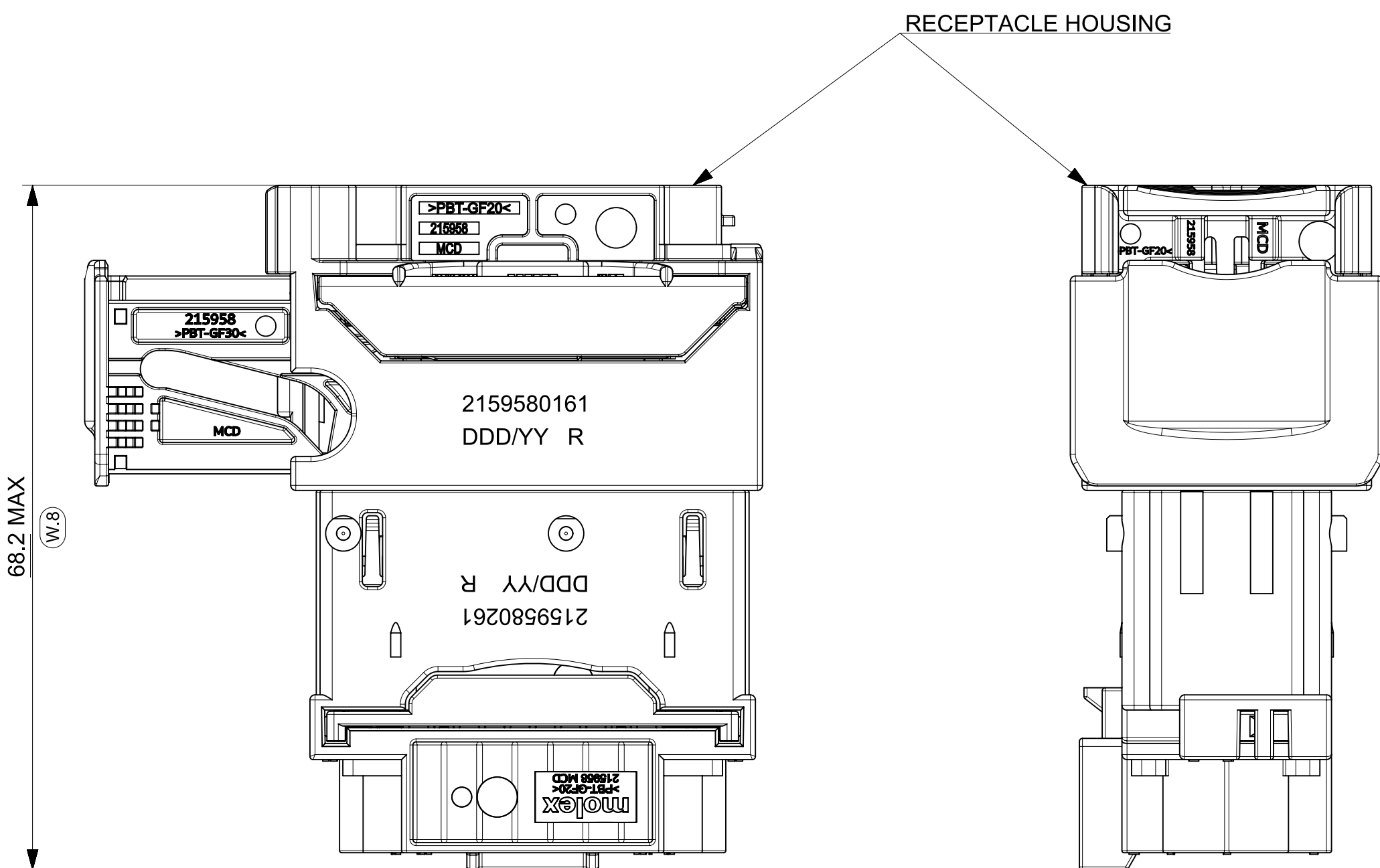


2159580261
DDD/Y R



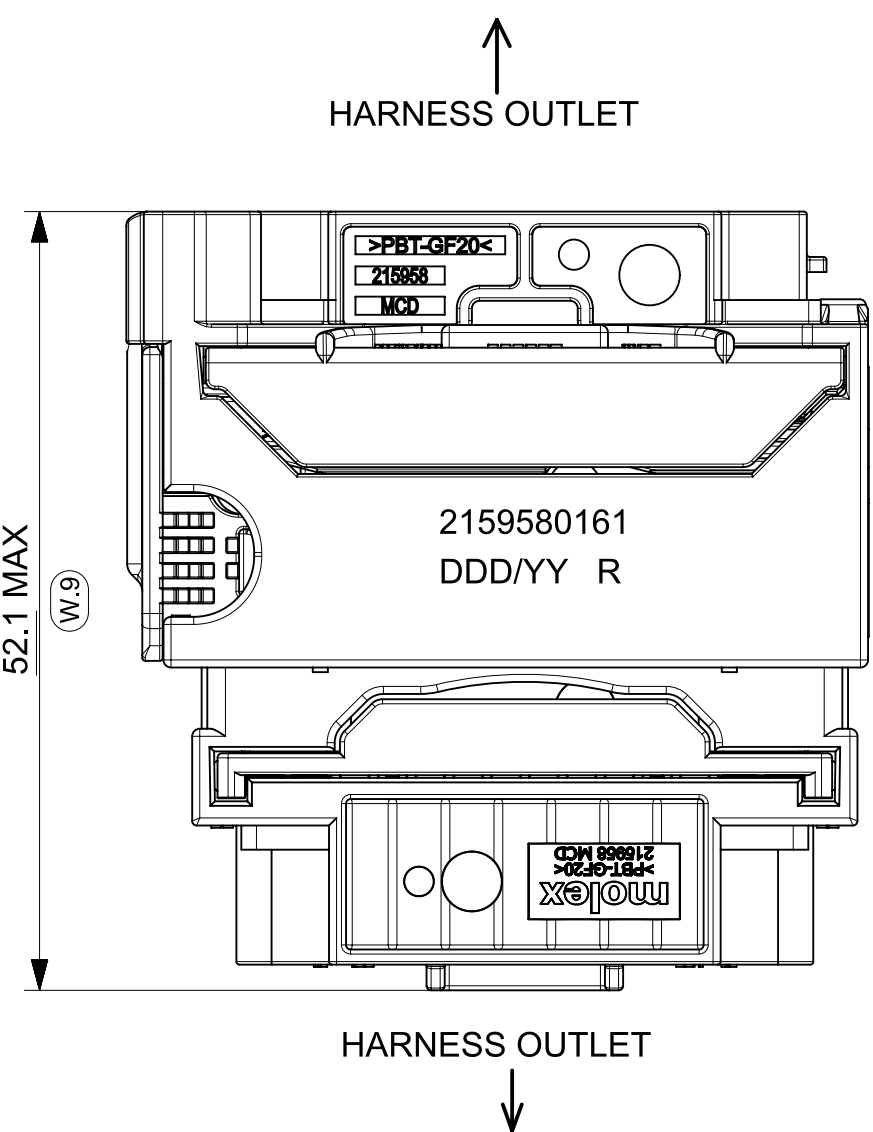
6.7 MAX
W.7

ISL LOCKED



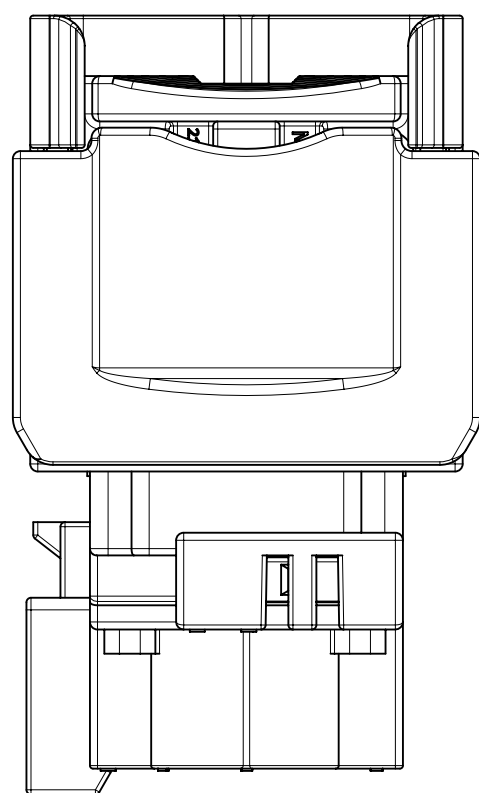
RECEPTACLE HOUSING

BEFORE MATING POSITION



HARNESS OUTLET

HARNESS OUTLET



FULLY MATED POSITION

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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE		molex 35CKT HYB STD_ASSY BLADE HSG PRODUCT SALES DRAWING <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>2159580250-SD</td><td>PSD</td><td>000</td><td>A2</td></tr></table>				DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	2159580250-SD	PSD	000	A2
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION														
2159580250-SD	PSD	000	A2														
mm		2:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 2°																	
4 PLACES ± 0.03000				STATUS: Production DRWN: Valerie Jouas 2023-11-30 CHK'D: Olivier Plessis 2024-02-28 APPR: Matthieu Huguet 2024-02-28		MATERIAL NUMBER CUSTOMER SHEET NUMBER SEE SHEET 3 GENERAL MARKET 4 OF 4											
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											