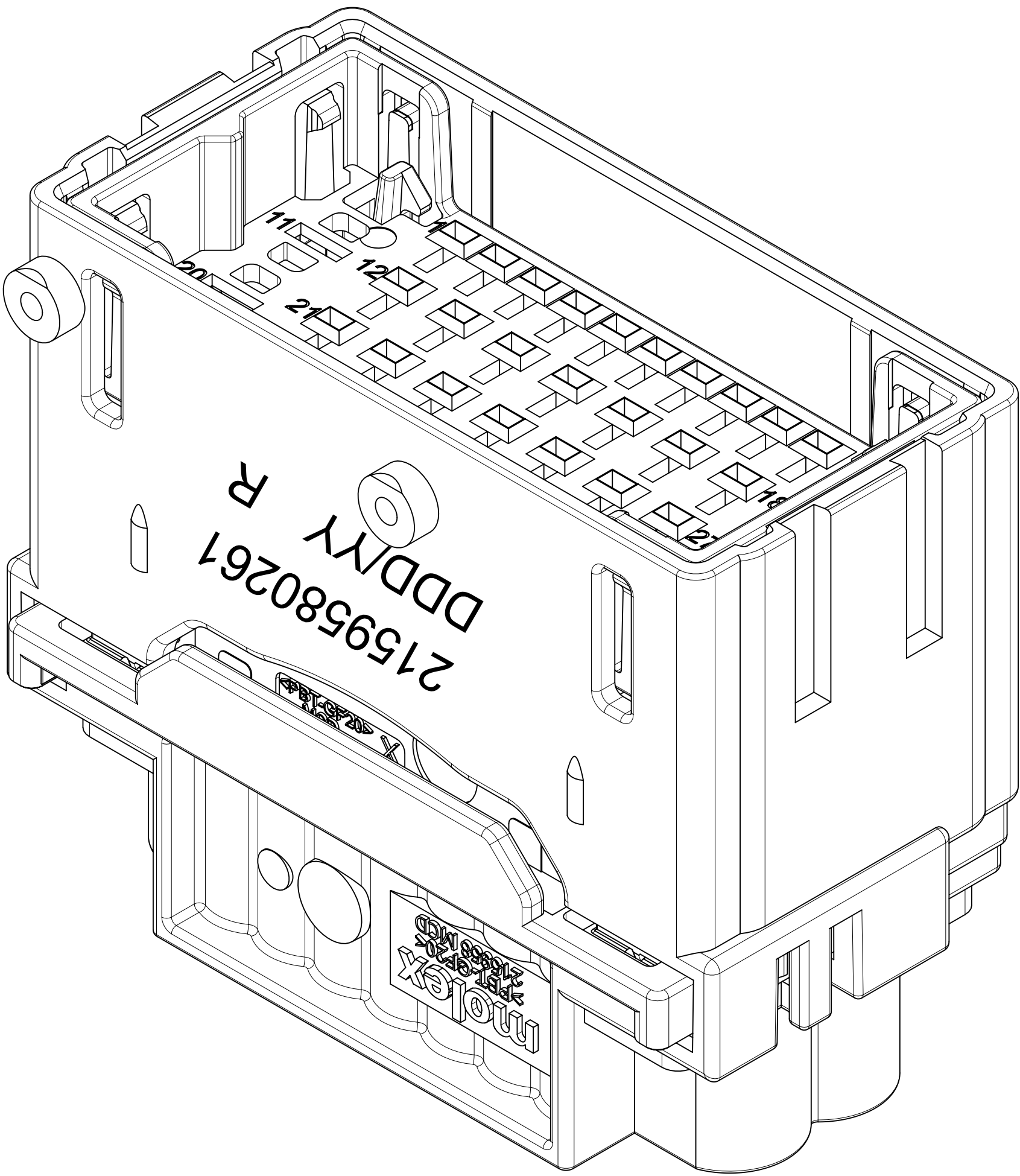


MODIFICATIONS			
REV.	DESCRIPTIONS	NAME	DATE
A	FIRST RELEASE	DHG	2023-03-02
A1	FROM 2159580164 TO 2159580264 IN TABLE KEYING D FROM COMPATIBLE WITH BLADE HOUSING COLOR TO COMPATIBLE WITH RCPT HOUSING COLOR IN TABLE FOR ALL KEYINGS FROM RESTRICTED PRODUCT SALES DRAWING TO PRODUCT SALES DRAWING	VJ	2023-07-26
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								
mm		2.5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet 2023-11-30 2024-02-28 2024-02-28								
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			FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
				A1-SIZE	215958	SEE SHEET 3	GENERAL MARKET	1 OF 4			

molex

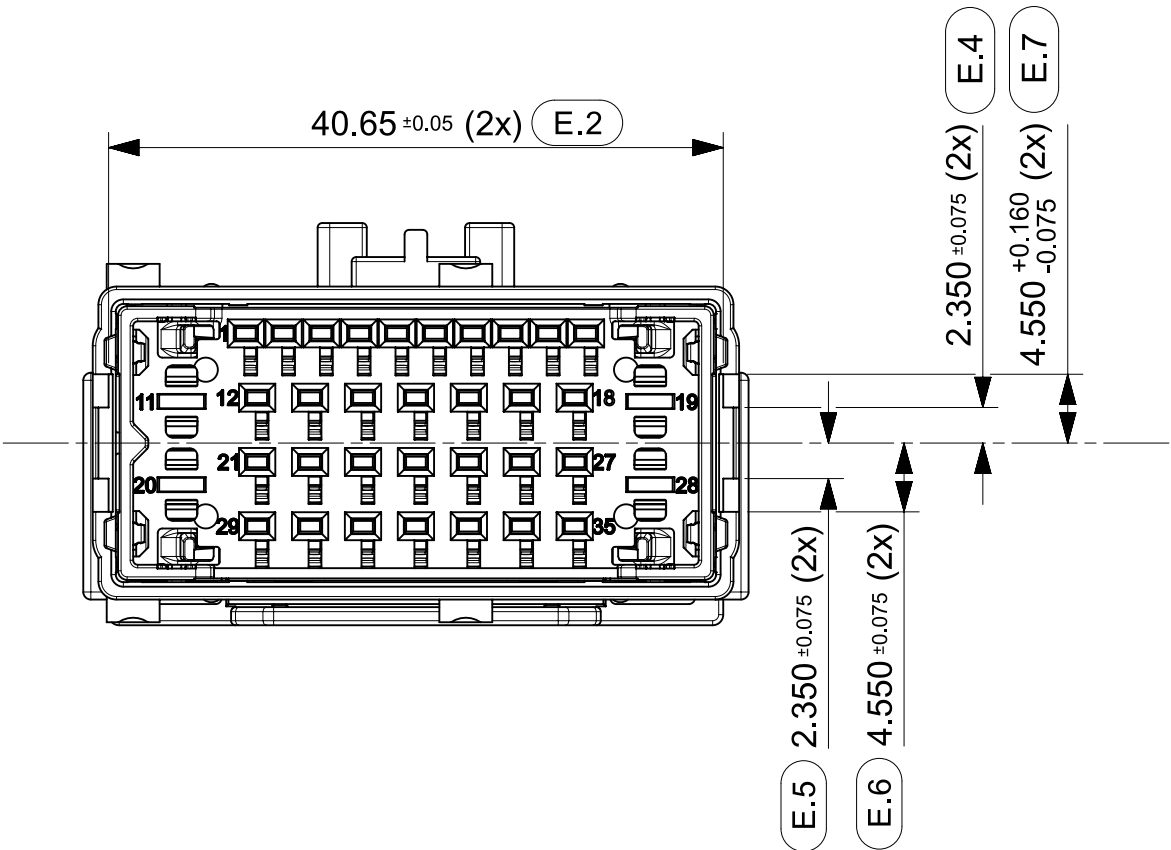
35CKT HYB STD_ASSY BLADE HSG

PRODUCT SALES DRAWING

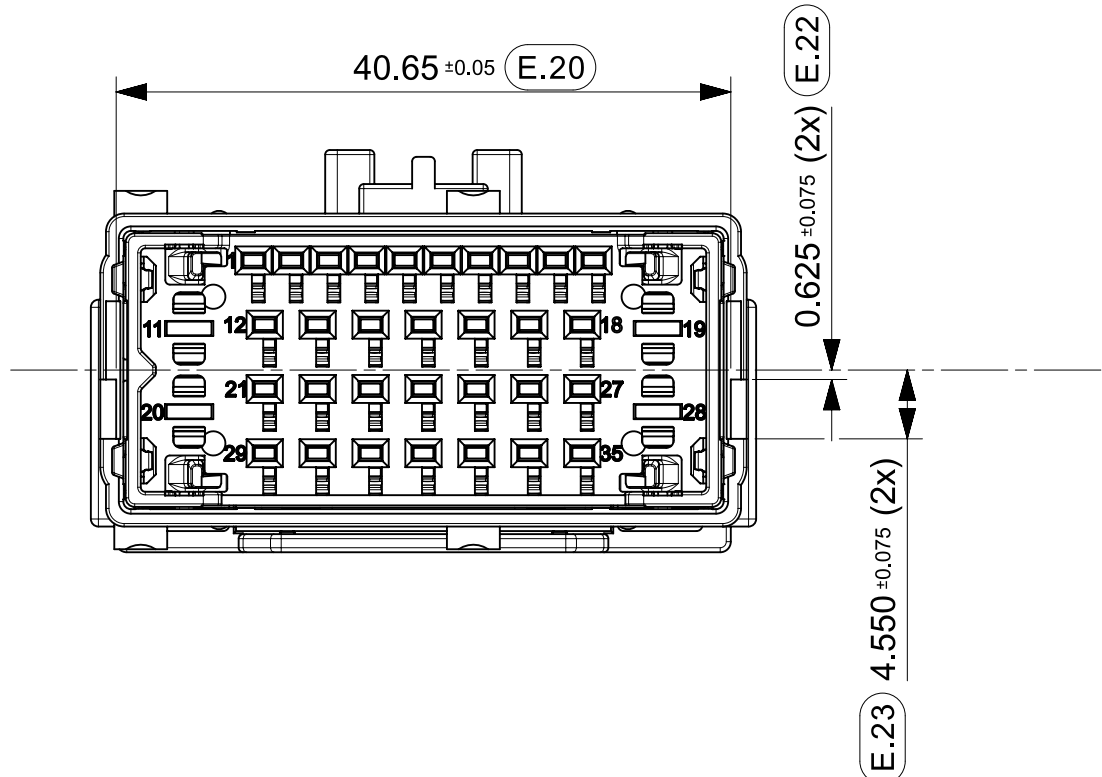
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580250-SD	PSD	000	A2

KEYING DEFINITION

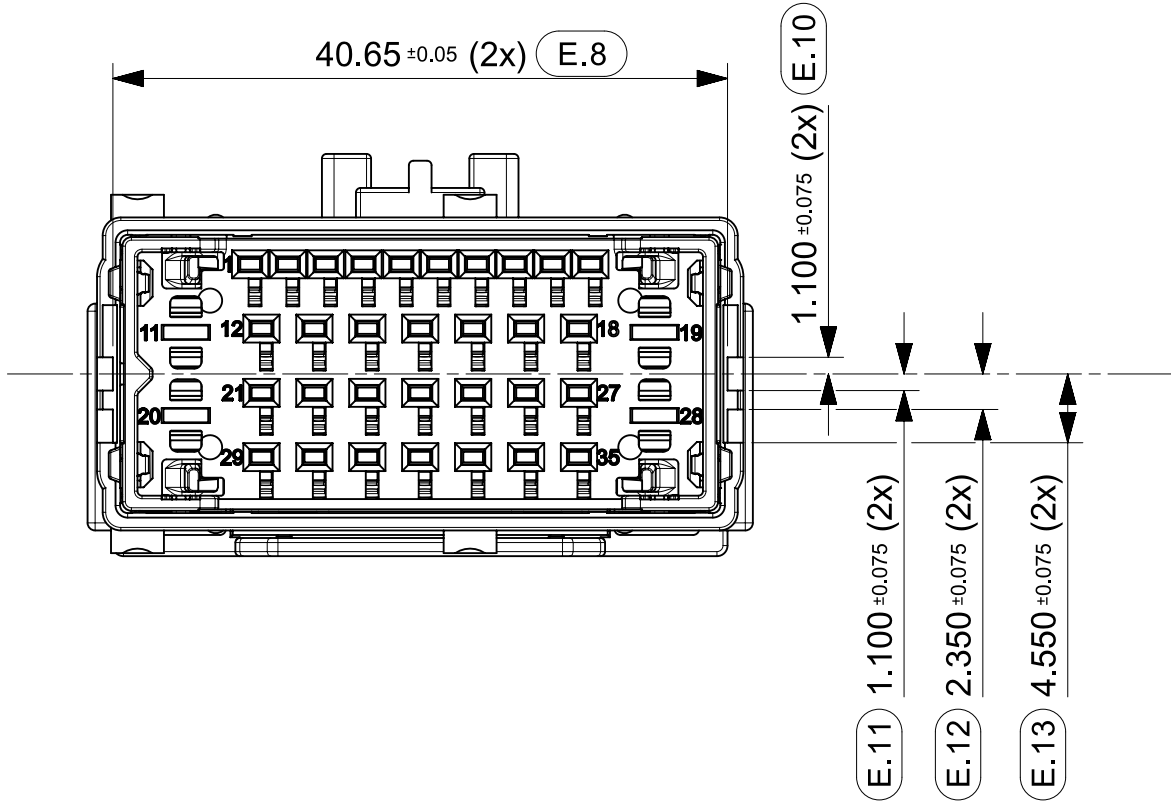
KEYING	A
MOLEX PART NUMBER	2159580261
COLOR	NATURAL WHITE
COMPATIBLE WITH RCPT HOUSING COLOR	NATURAL WHITE



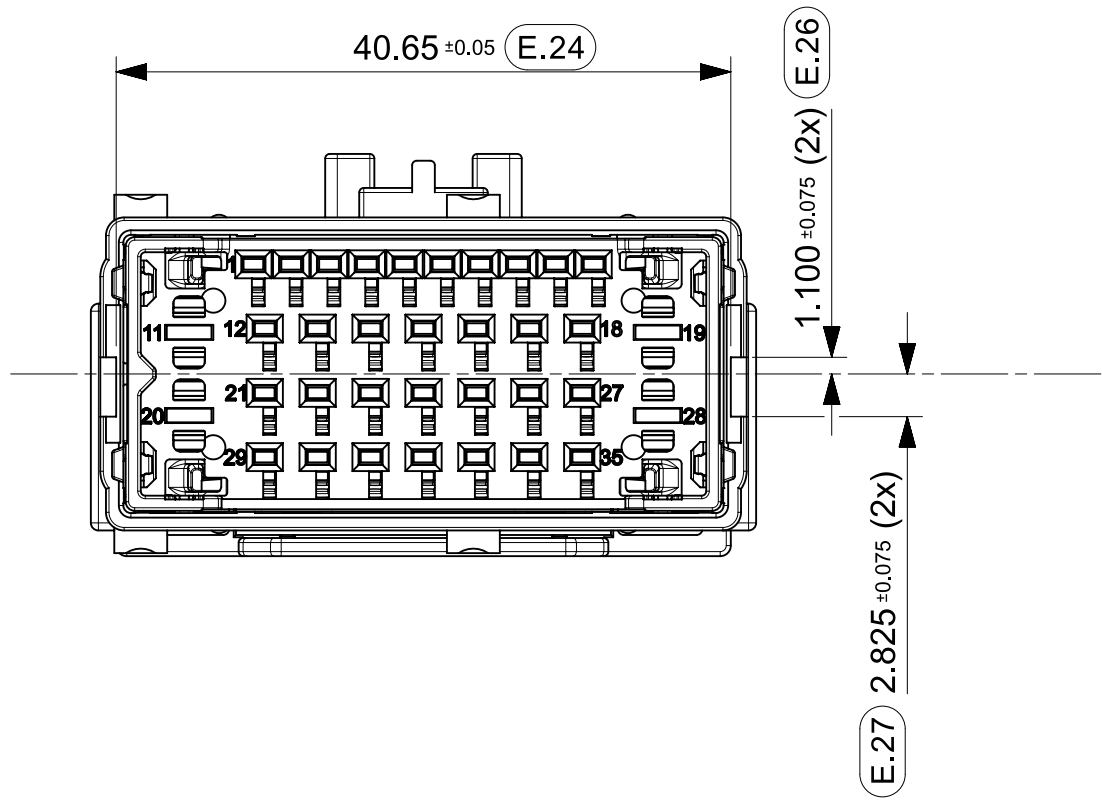
KEYING	D
MOLEX PART NUMBER	2159580264
COLOR	BLUE
COMPATIBLE WITH RCPT HOUSING COLOR	BLUE



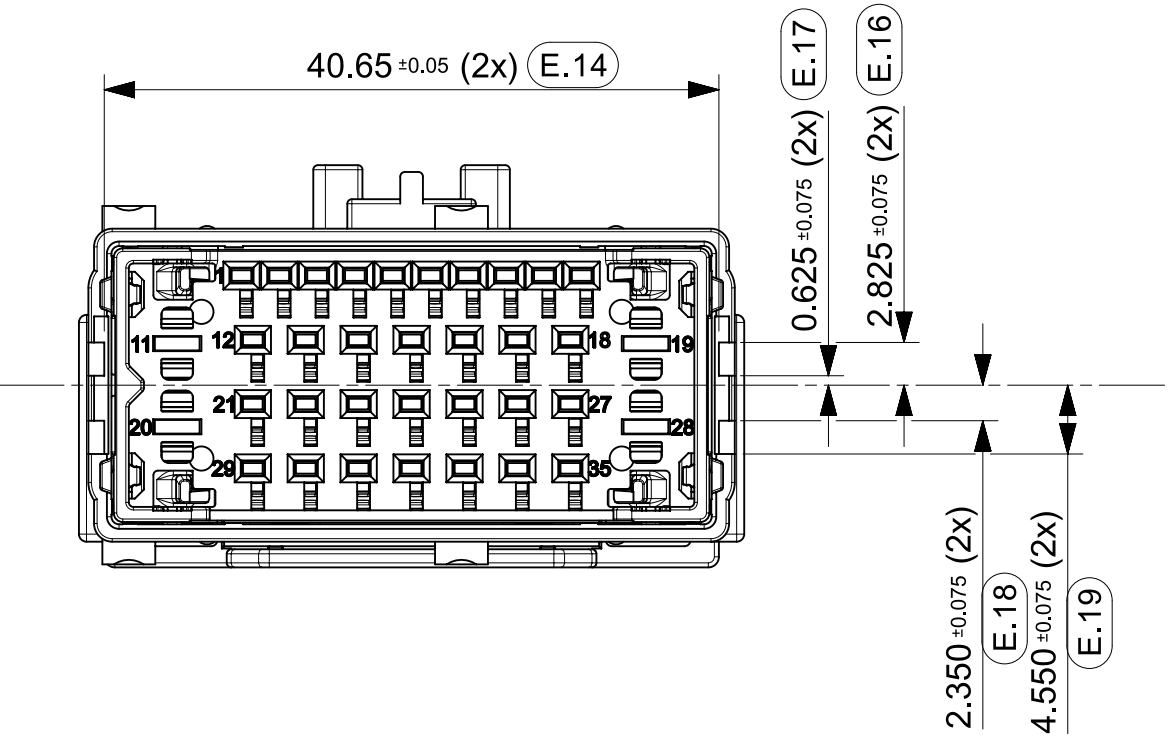
KEYING	B
MOLEX PART NUMBER	2159580262
COLOR	BLACK
COMPATIBLE WITH RCPT HOUSING COLOR	BLACK



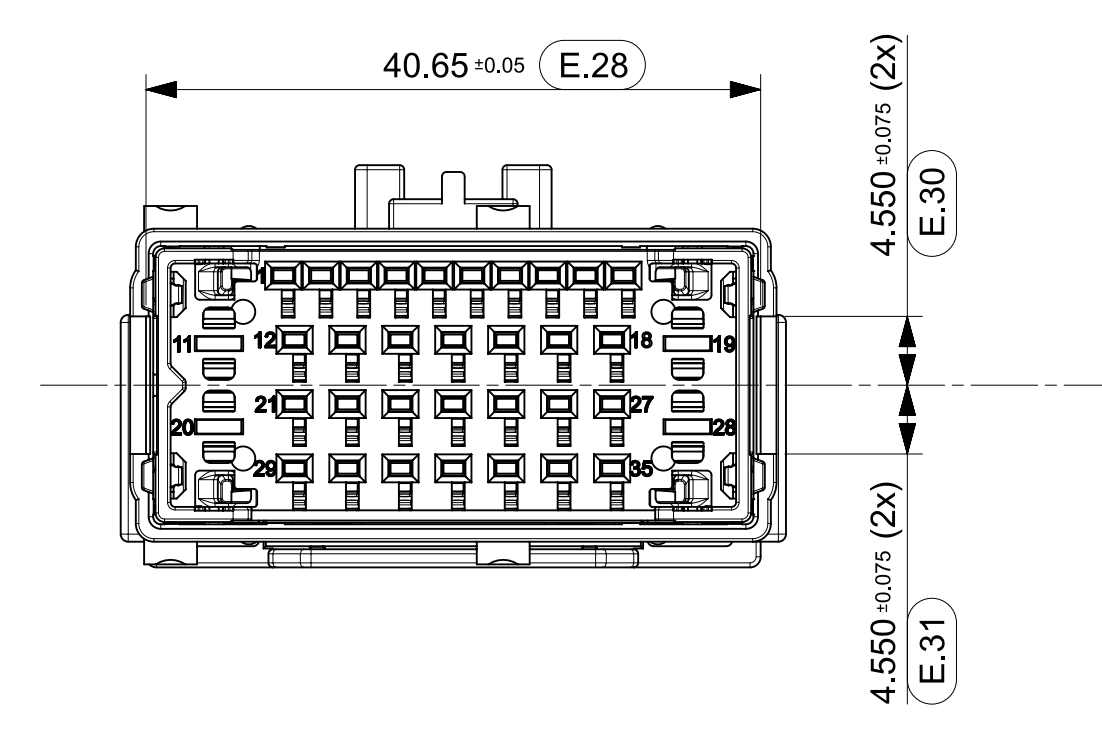
KEYING	E
MOLEX PART NUMBER	2159580265
COLOR	BROWN
COMPATIBLE WITH RCPT HOUSING COLOR	BROWN



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



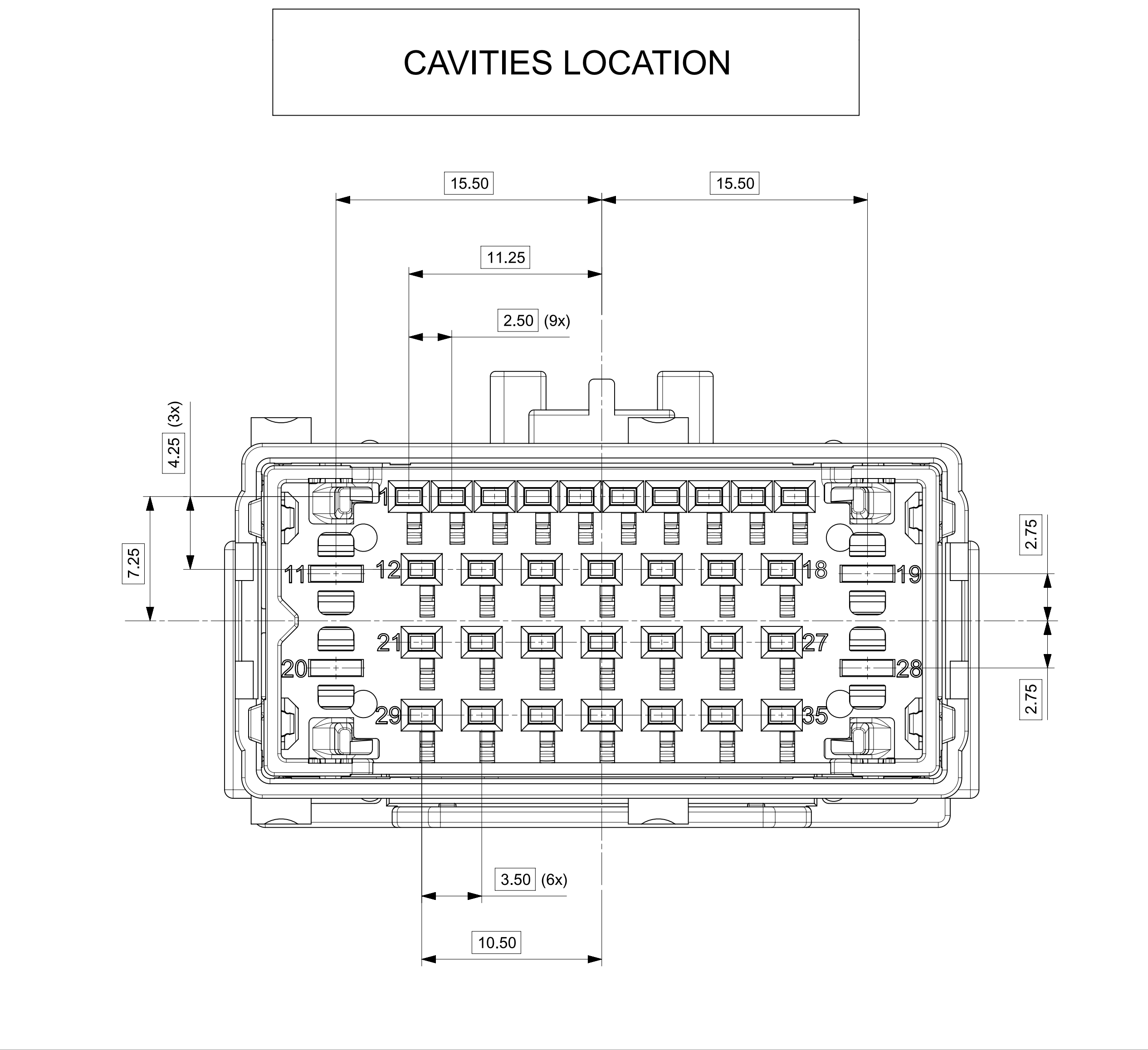
KEYING	Z
MOLEX PART NUMBER	2159580269
COLOR	PURPLE
COMPATIBLE WITH RCPT HOUSING COLOR	PURPLE



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DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE			molex		
mm		2:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				STATUS: Production DRWN: Valerie Jouas CHK'D: OlivierPlessis APPR: Matthieu Huguet			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		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		SHEET NUMBER	
						A1-SIZE		215958	
						SEE SHEET 3		GENERAL MARKET	
						MATERIAL NUMBER		CUSTOMER	
						2159580250-SD		2 OF 4	
						DOCUMENT NUMBER		REVISION	
						PSD		A2	

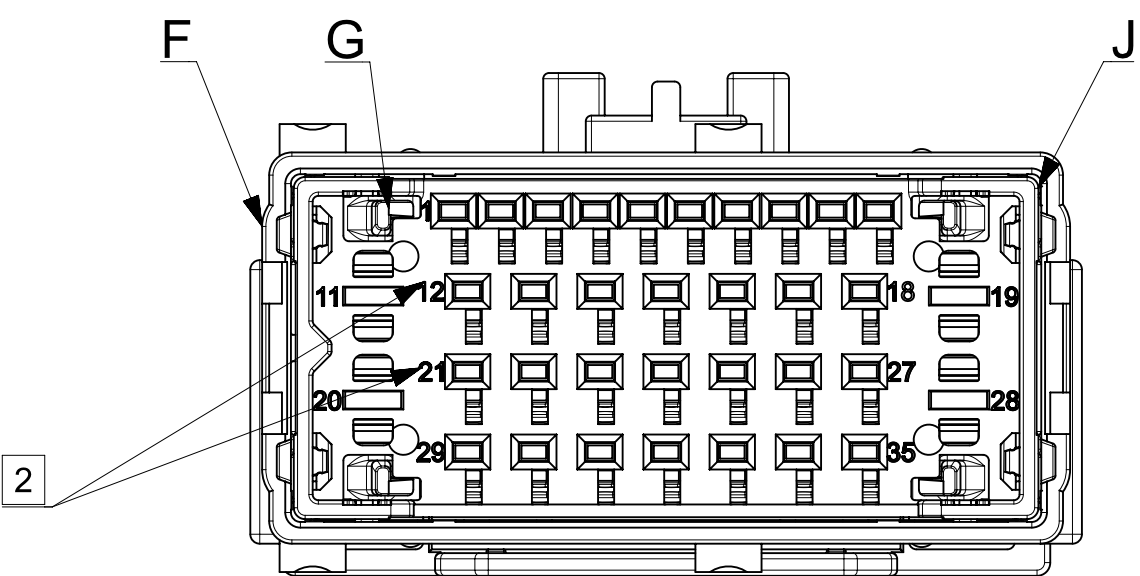
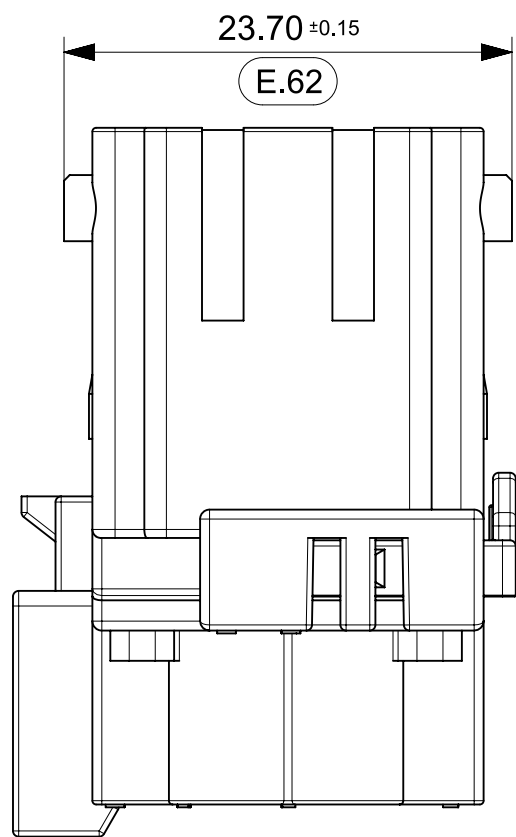
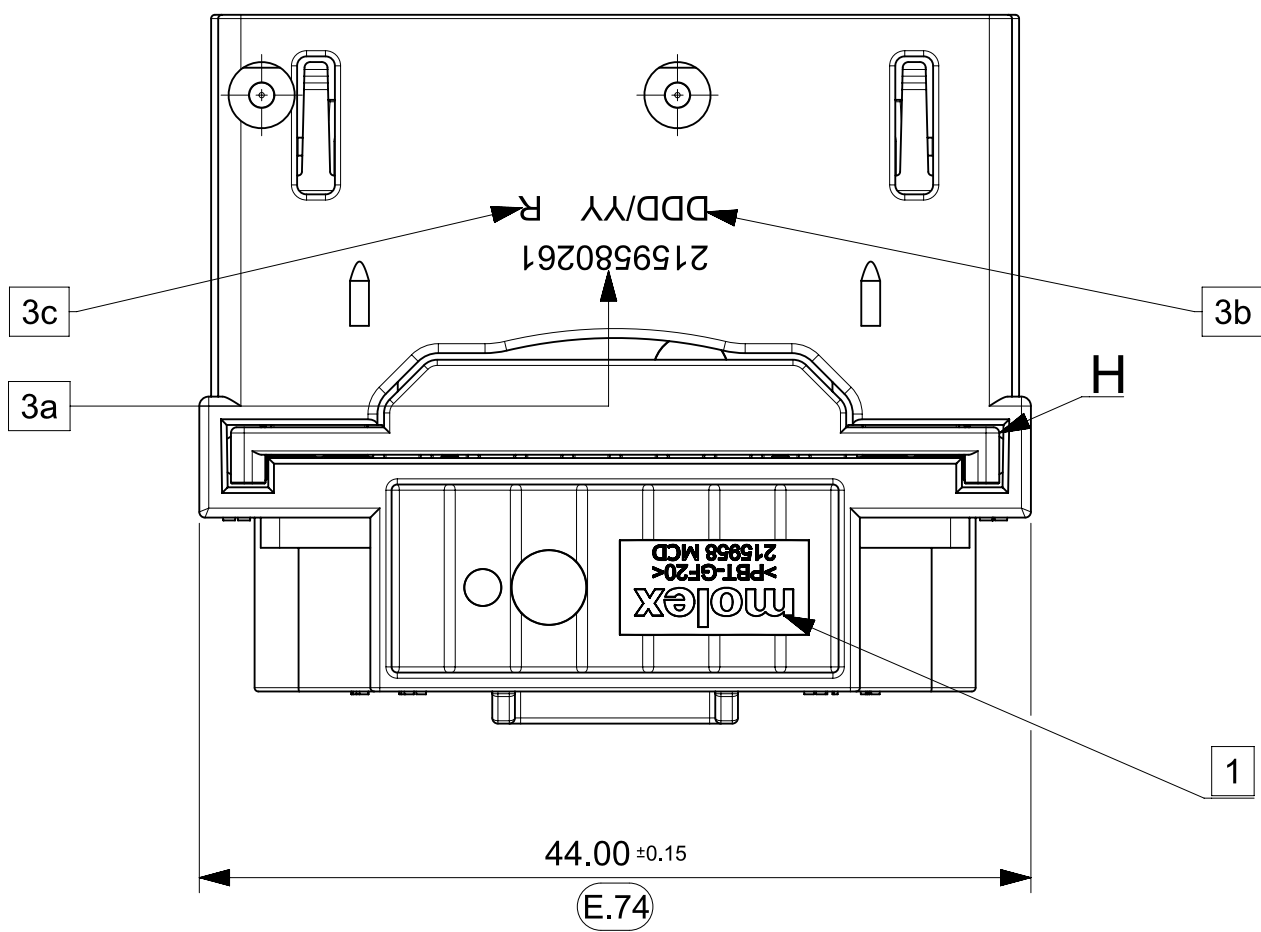
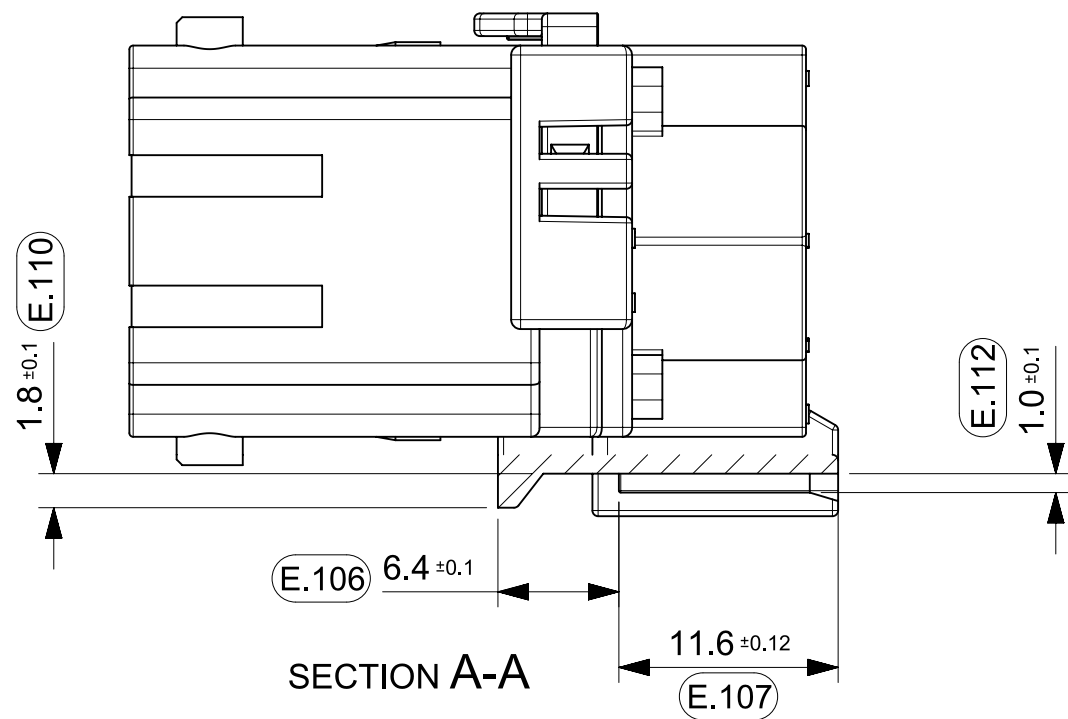
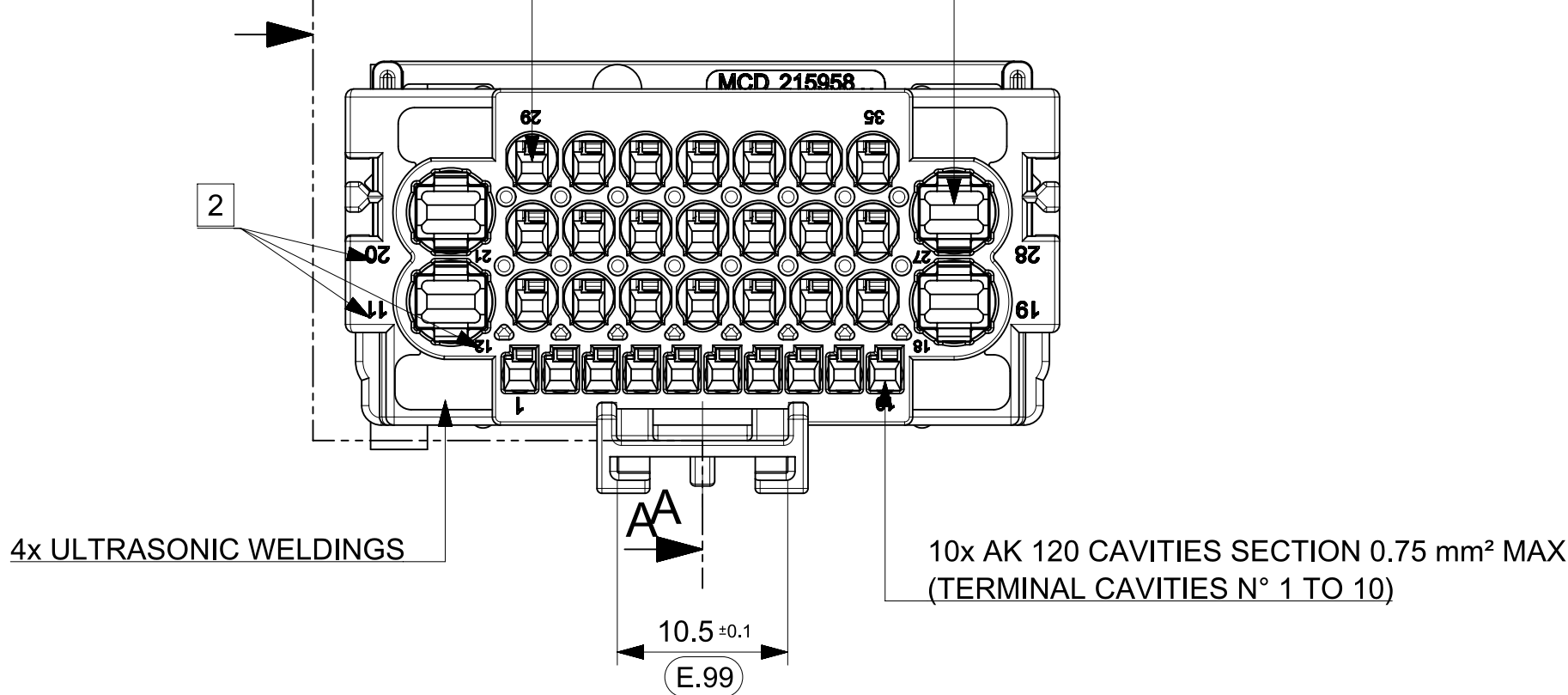
18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

M L K J H G F E D C B A



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

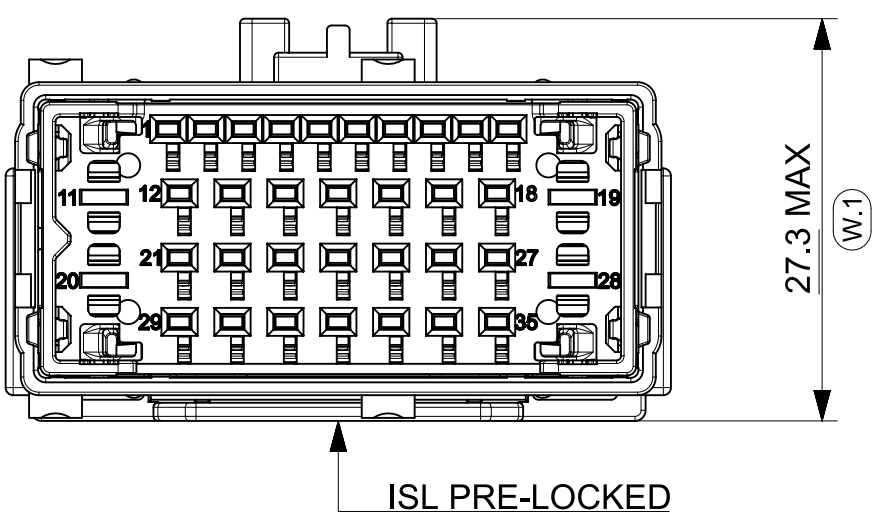
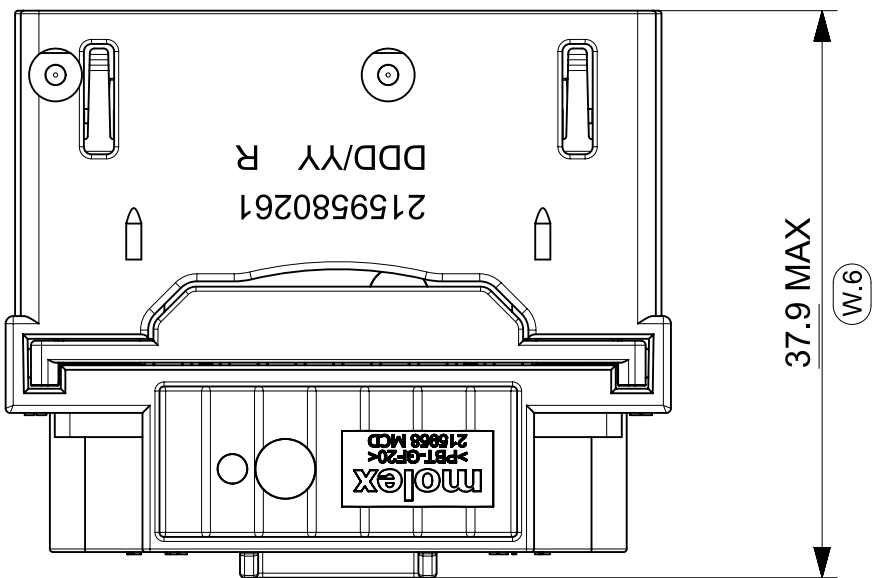
ASSOCIATED PARTS			
DESCRIPTION	SECTION (mm²)	SUPPLIER P/N	PLATING
OCS 120 MALE TERMINAL APTIV (DELPHI)	0.13 - 0.22	33265581	TIN
	0.35 - 0.50	33265583	
	0.75 - 1.00	33265584	
	1.50	33265585	
MCON 280 MALE TERMINAL TE	0.50	1-963860-1	
	0.75 - 1.00	1-962841-1	
	1.50 - 2.50	1-962842-1	
	3.00 - 4.00	1-968946-1	

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

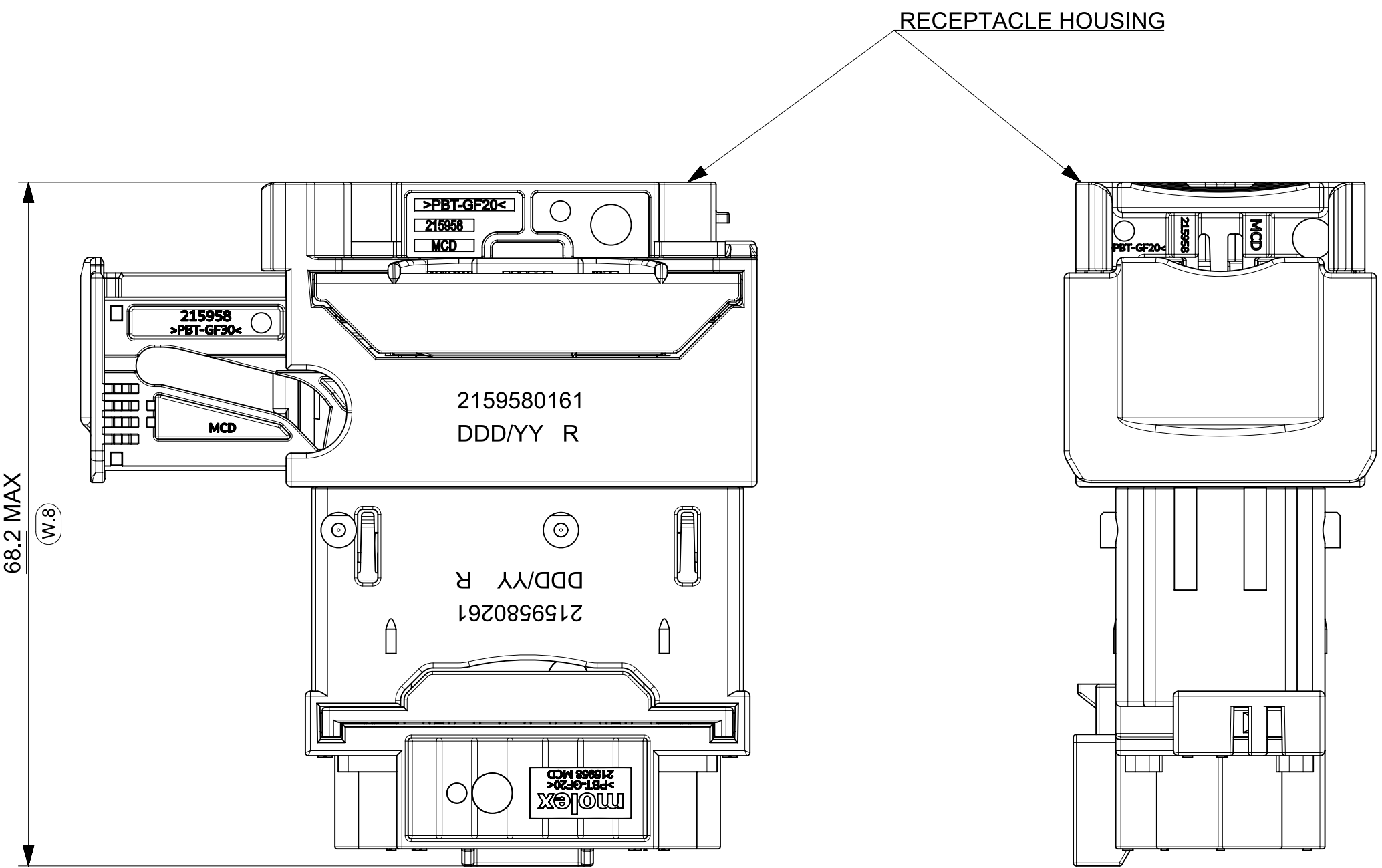
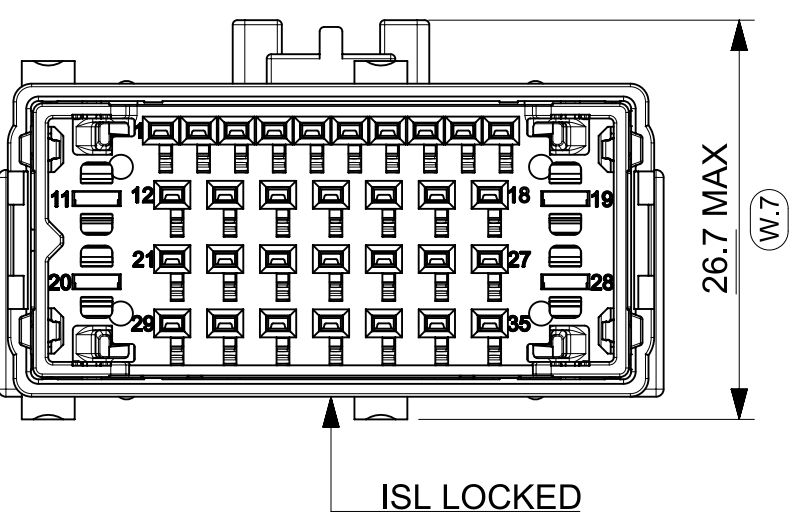
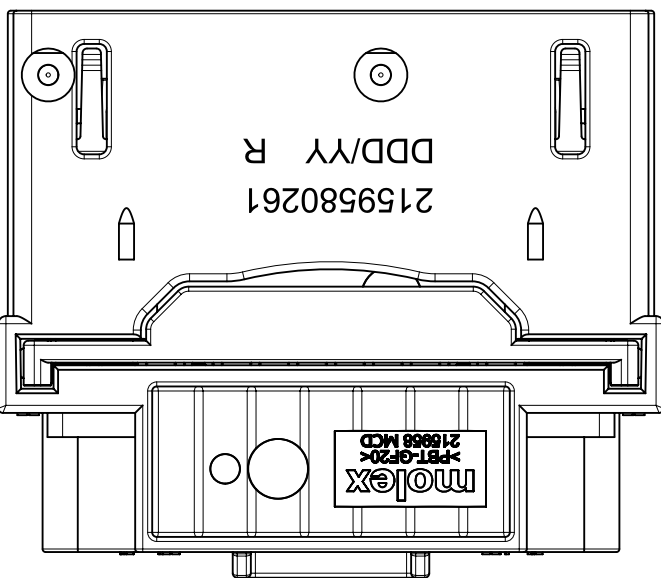
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE																	
mm		2.5:1																			
GENERAL TOLERANCES (UNLESS SPECIFIED)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

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

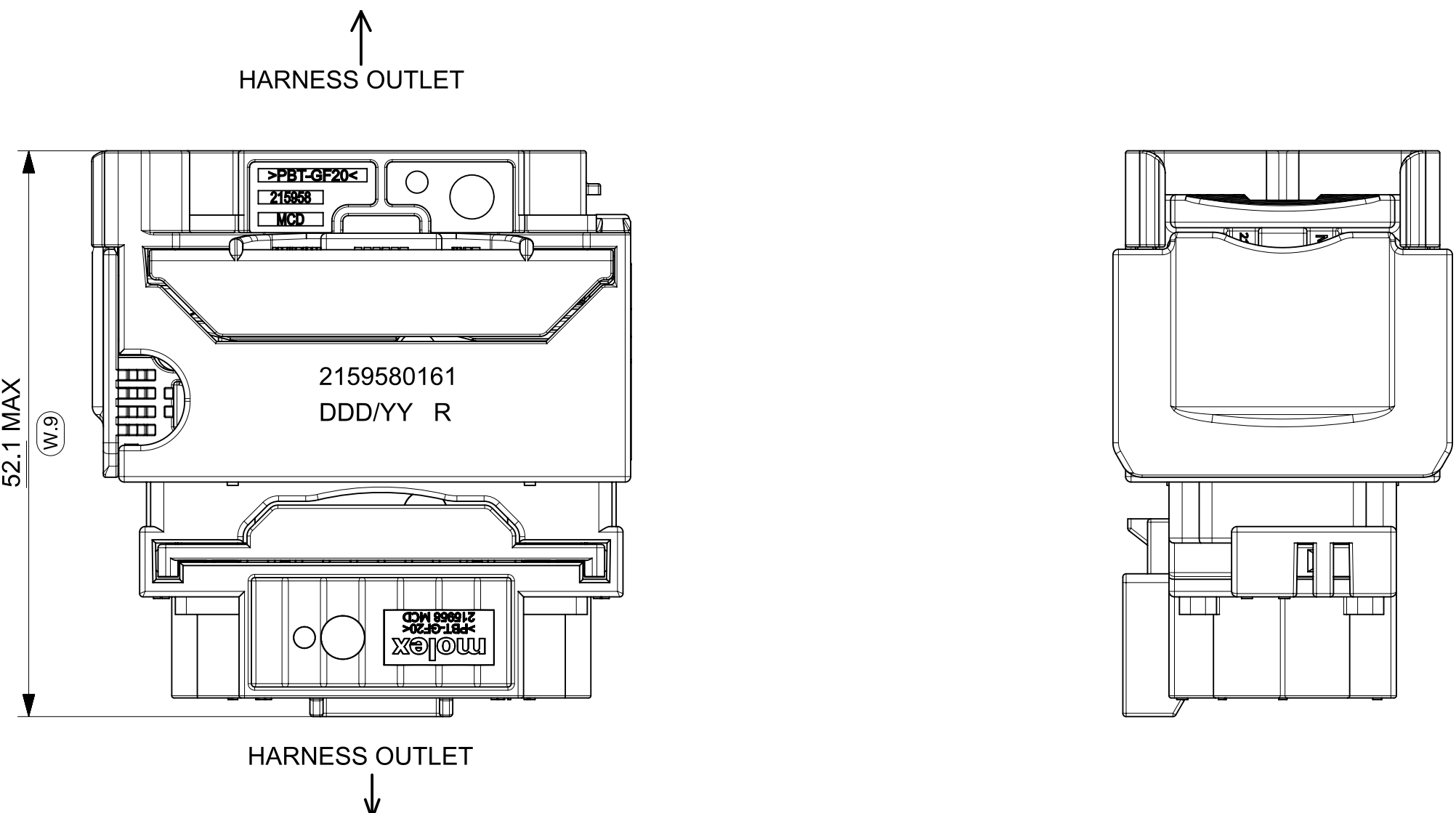
OVERALL BLADE HOUSING DIMENSIONS
DELIVERY POSITION



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