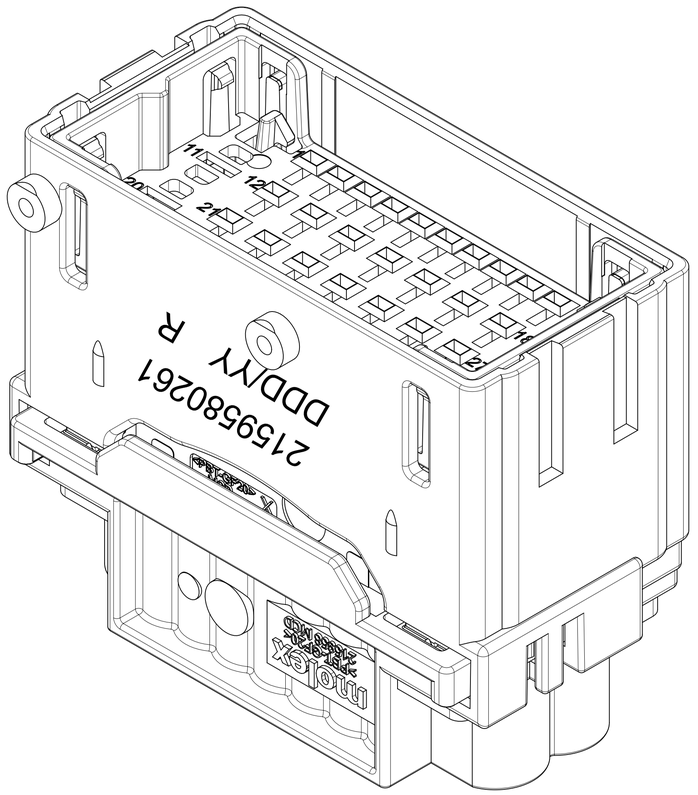
MODIFICATIONS

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

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DIMENSION UNITS	SCALE
mm	2.5:1

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 2023-11-30
CHK'D: OlivierPlessis 2024-02-28
APPR: Matthieu Huguet 2024-02-28

FIRST ANGLE PROJECTION

DRAWING	SERIES
A1-SIZE	215958

molex

35CKT HYB STD_ ASSY BLADE HSG

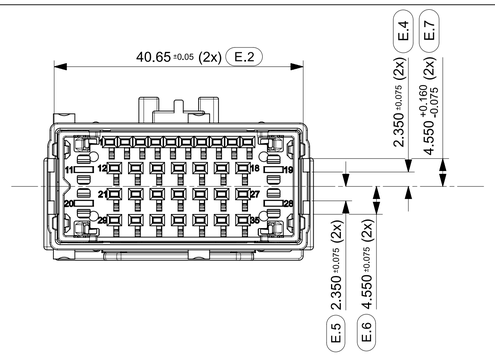
PRODUCT SALES DRAWING

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

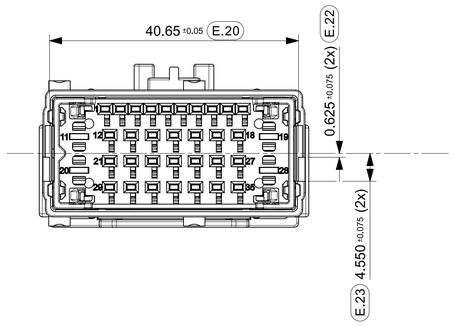
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	1 OF 4

KEYING DEFINITION

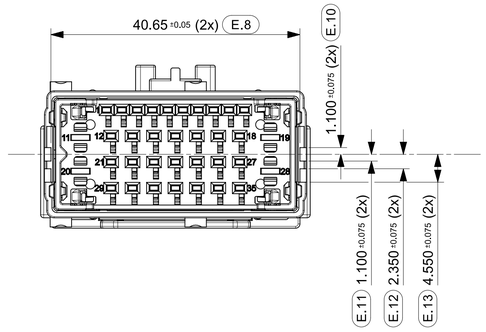
KEYING	A
MOLEX PART NUMBER	2159580261
COLOR	NATURAL WHITE
COMPATIBLE WITH RCPT HOUSING COLOR	NATURAL WHITE



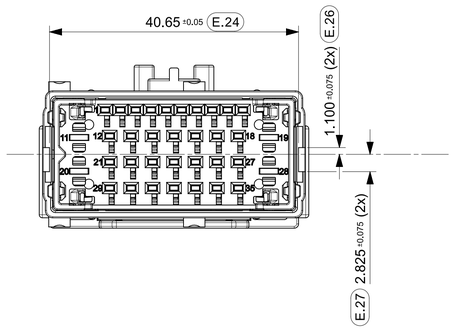
KEYING	D
MOLEX PART NUMBER	2159580264
COLOR	BLUE
COMPATIBLE WITH RCPT HOUSING COLOR	BLUE



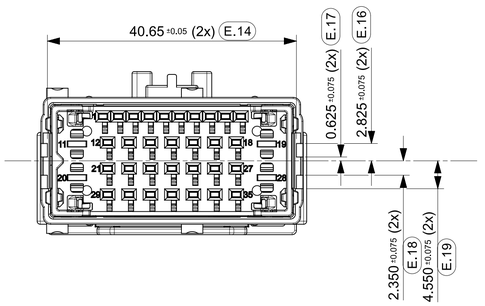
KEYING	B
MOLEX PART NUMBER	2159580262
COLOR	BLACK
COMPATIBLE WITH RCPT HOUSING COLOR	BLACK



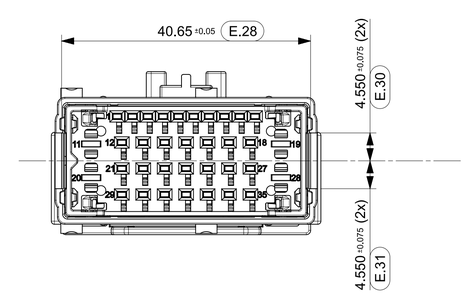
KEYING	E
MOLEX PART NUMBER	2159580265
COLOR	BROWN
COMPATIBLE WITH RCPT HOUSING COLOR	BROWN



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
mm	2:1
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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DRWN: Valerie Jouas 2023-11-30
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FIRST ANGLE PROJECTION | DRAWING: A1-SIZE | SERIES: 215958

molex

35CKT HYB STD_ ASSY BLADE HSG

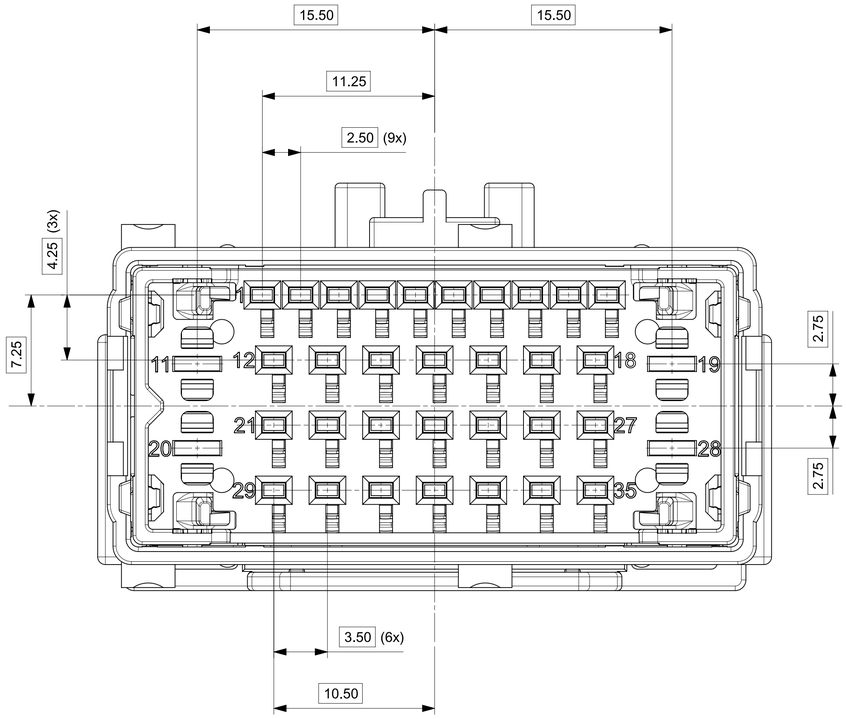
PRODUCT SALES DRAWING

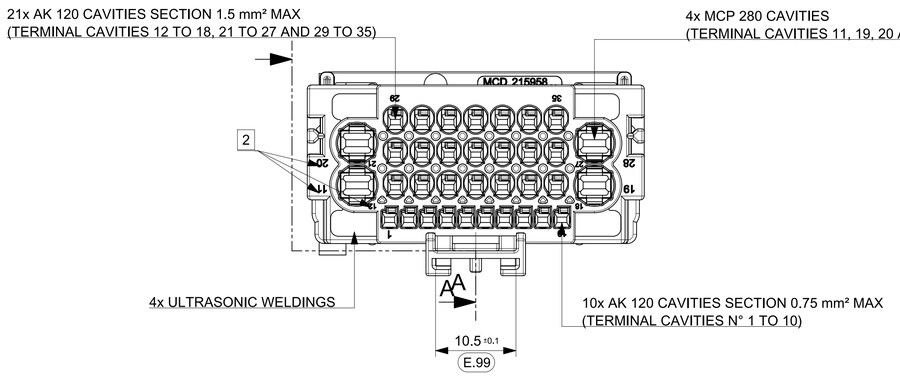
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2159580250-SD	PSD	000	A2

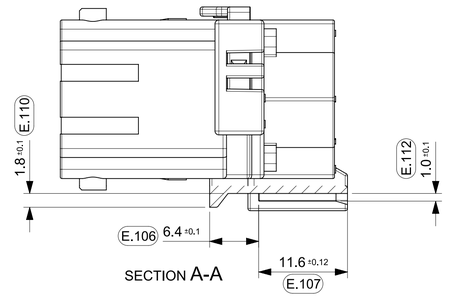
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 3	GENERAL MARKET	2 OF 4

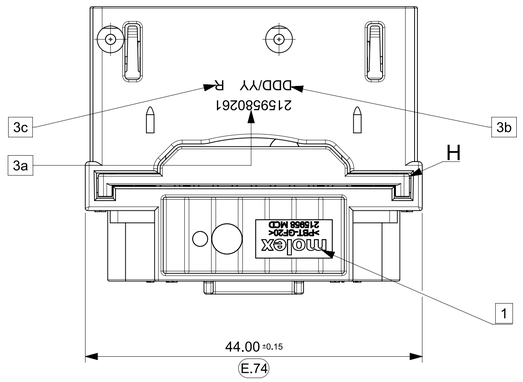
FORMAT TEMPLATE/PART
REVISION: B
DATE: 20220620

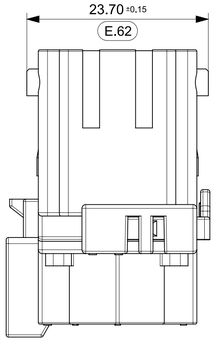
CAVITIES LOCATION

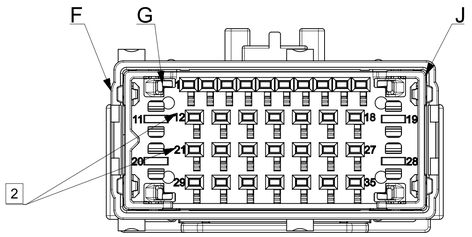












COMPONENTS

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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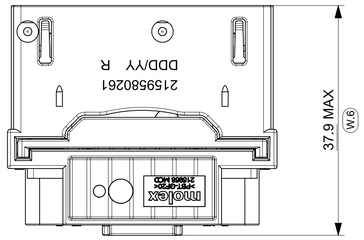
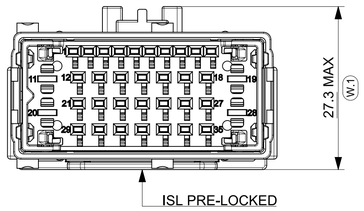
2159580250-SD	PSD	000	A2

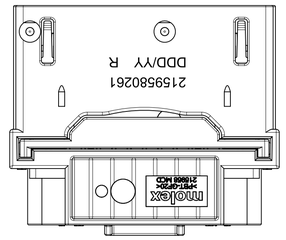
FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	215958	SEE TABLE	GENERAL MARKET	3 OF 4

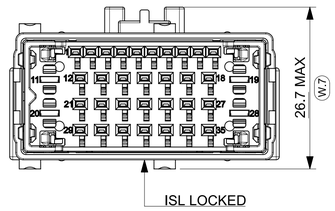
OVERALL BLADE HOUSING DIMENSIONS DELIVERY POSITION





OVERALL BLADE HOUSING DIMENSIONS ISL LOCKED





BEFORE MATING POSITION

FULLY MATED POSITION

OVERALL RECEPTACLE HOUSING ON BLADE HOUSING DIMENSIONS

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	A1-SIZE	215958	SEE SHEET 3	GENERAL MARKET	4 OF 4