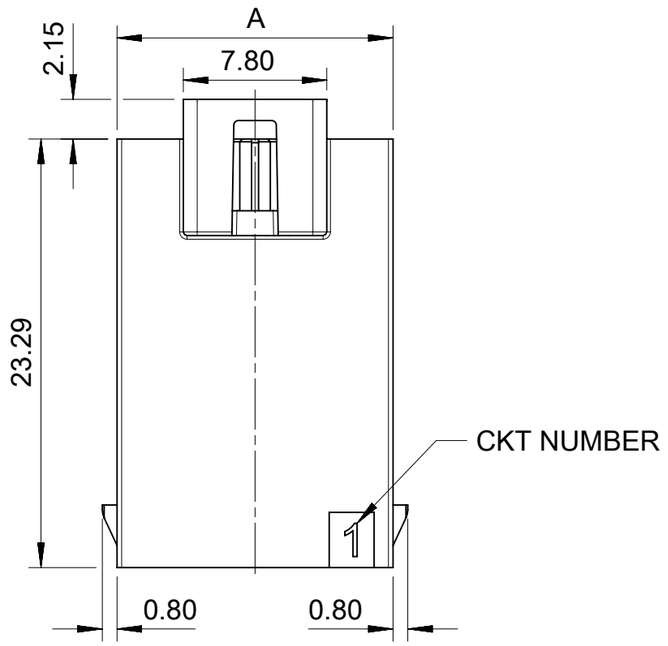
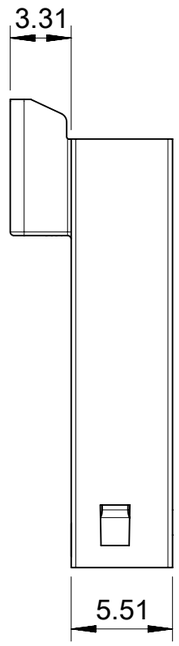
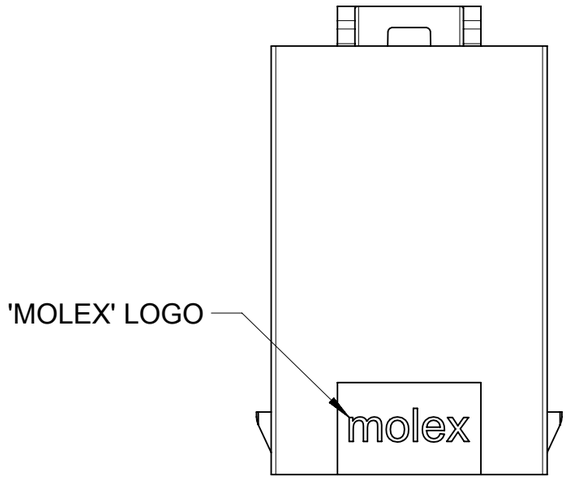
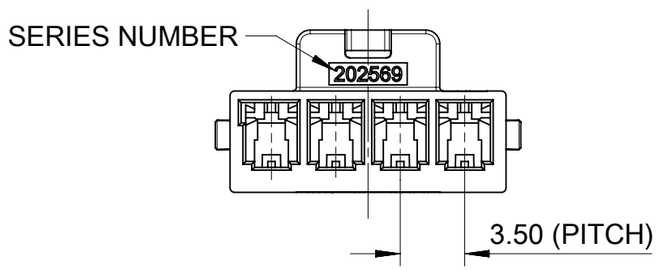
FREE HANGING PLUG PARTS

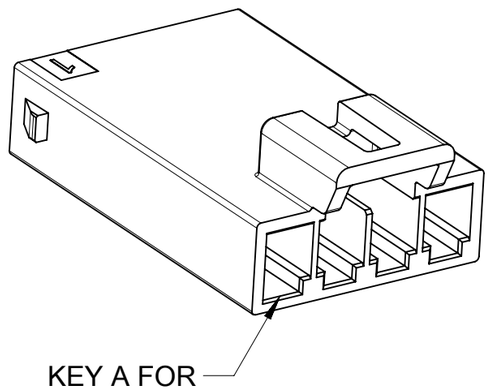
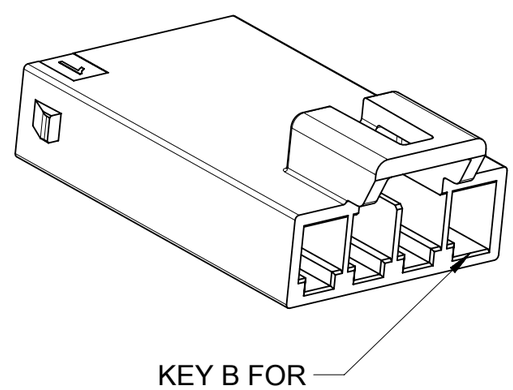
PART NUMBER	CIRCUIT SIZE	DIM 'A'	COLOR	TYPE
202569-3002	2	8.0	BLACK	FREE HANGING
202569-3003	3	11.5		
202569-3004	4	15.0		
202569-3005	5	18.5		
202569-3006	6	22.0		
202569-3007	7	25.5		
202569-3008	8	29.0		
202569-4002	2	8.0	NATURAL	
202569-4003	3	11.5		
202569-4004	4	15.0		
202569-4005	5	18.5		
202569-4006	6	22.0		
202569-4007	7	25.5		
202569-4008	8	29.0		









COLOR FEATURE	
BLACK	NATURAL
 KEY A FOR BLACK COLOR PARTS	 KEY B FOR NATURAL COLOR PARTS

NOTES:
1. MATERIAL: NYLON, 94V-0, BLACK AND NATURAL.
2. PRODUCT SPECIFICATION: 2169461000-PS.
3. PACKAGE SPECIFICATION: 2025691000-PK.
4. TO USE WITH TERMINAL OF 216946-****.
5. TO USE WITH TPA OF 172264-****.
6. TO MATE WITH RECEPTACLE OF 172256-****.
7. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/20 09:13:04

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 810062
DRWN: LEOW 2024/11/21
CHK'D: XQZHANG 2025/01/20
APPR: XQZHANG 2025/01/20

INITIAL REVISION:
DRWN: GLLI 2021/07/06
APPR: EDUGGER 2022/11/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 202569

molex

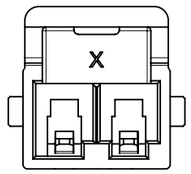
PLUG HOUSING OF ULTRA-FIT WTW SR POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2025691000-SD	PSD	000	A1

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 6

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01



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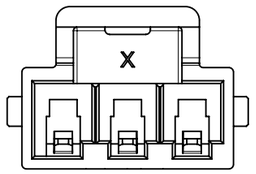

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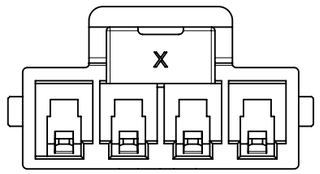

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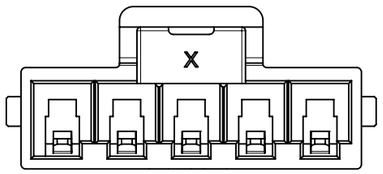

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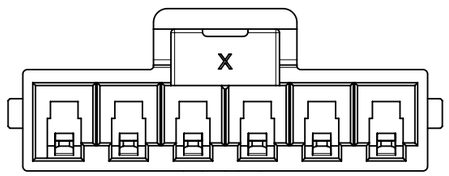

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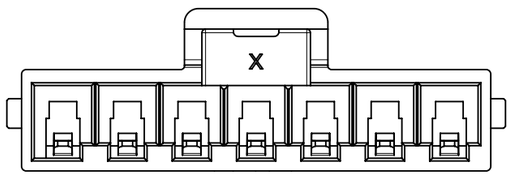

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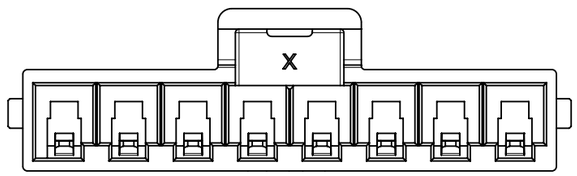

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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 810062

DRWN:	LEOW	2024/11/21
CHK'D:	XQZHANG	2025/01/20
APPR:	XQZHANG	2025/01/20

INITIAL REVISION:

DRWN:	GLLI	2021/07/06
APPR:	EDUGGER	2022/11/01

THIRD ANGLE PROJECTION

DRAWING	SERIES
A3-SIZE	202569

molex

PLUG HOUSING OF ULTRA-FIT WTW SR POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

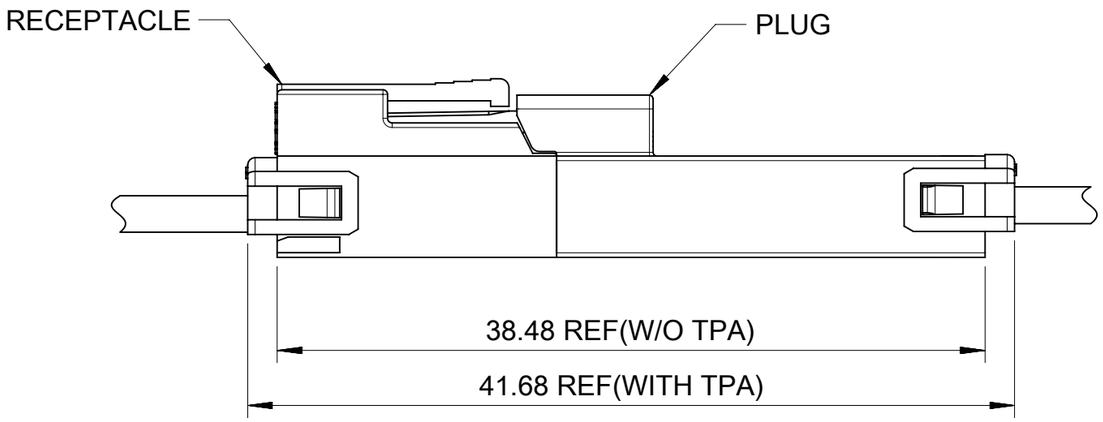
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2025691000-SD	PSD	000	A1

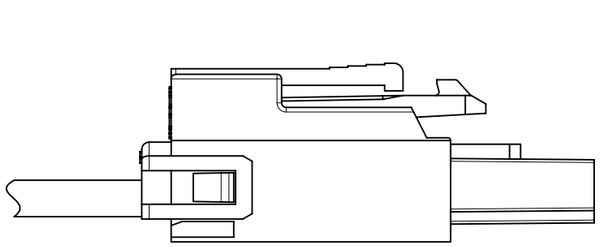
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 6

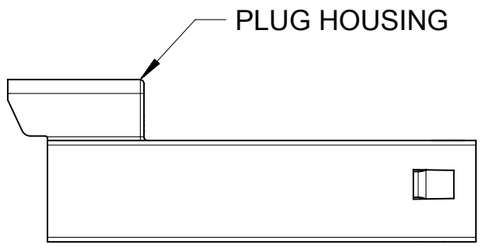
DOCUMENT STATUS	P1	RELEASE DATE	2025/01/20 09:13:04

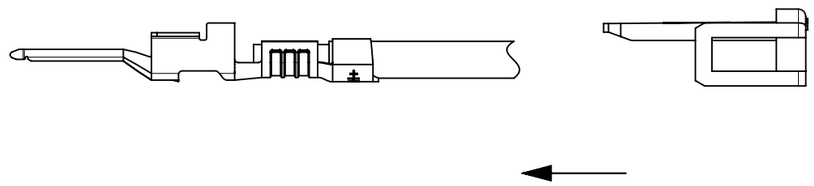
FORMAT: master-lb-prod-A3
REVISION: J1
DATE: 2021/05/01

FREE HANGING PLUG PARTS









PLUG TERMINAL AND TPA ORIENTATION

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

DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.2
1 PLACE	± 0.3
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 810062
DRWN: LEOW 2024/11/21
CHK'D: XQZHANG 2025/01/20
APPR: XQZHANG 2025/01/20

INITIAL REVISION:
DRWN: GLLI 2021/07/06
APPR: EDUGGER 2022/11/01

molex

PLUG HOUSING OF ULTRA-FIT WTW SR POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2025691000-SD	PSD	000	A1

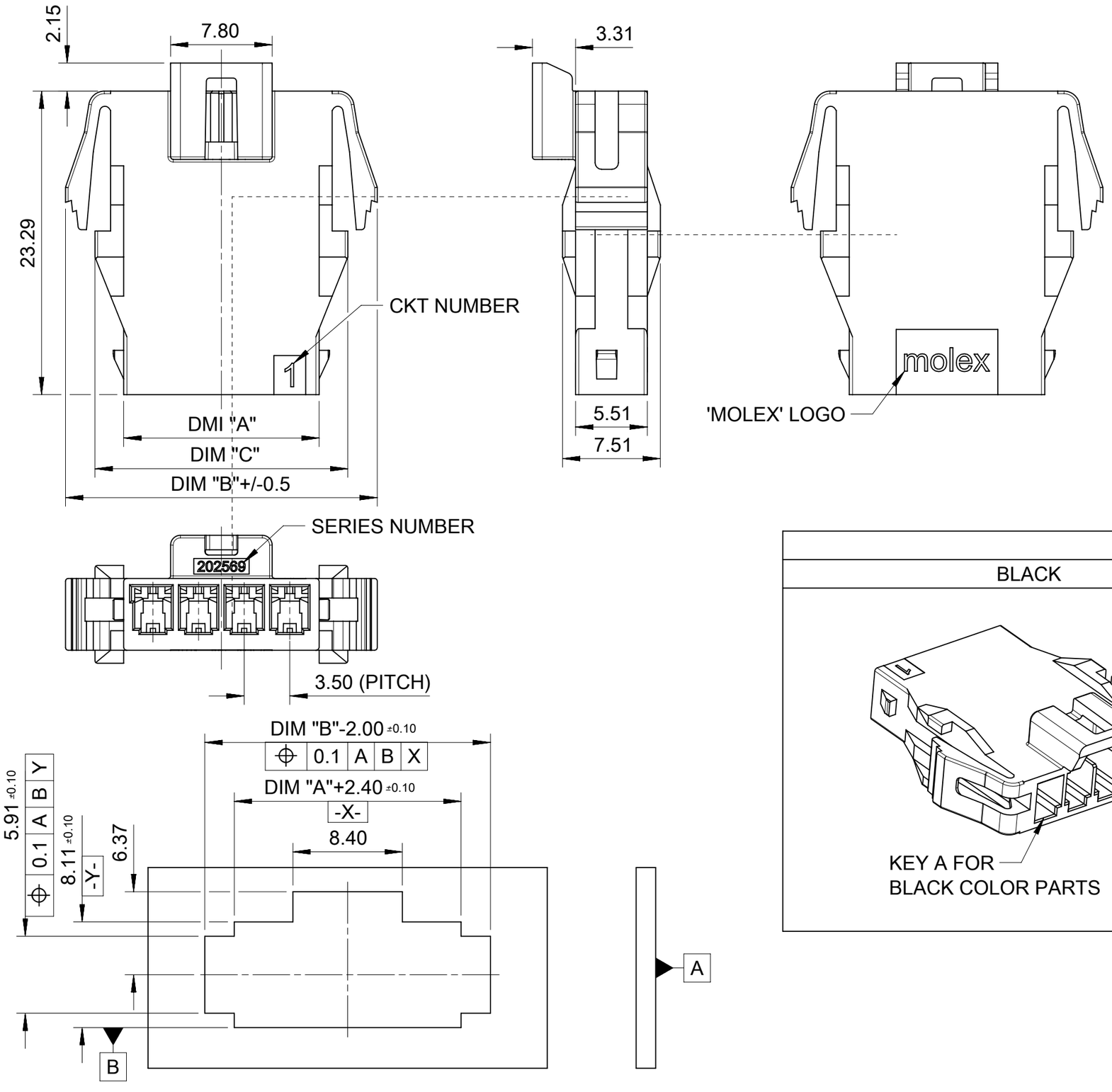
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	202569		GENERAL MARKET	3 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/20 09:13:04

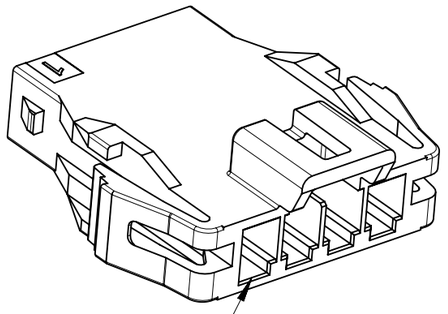
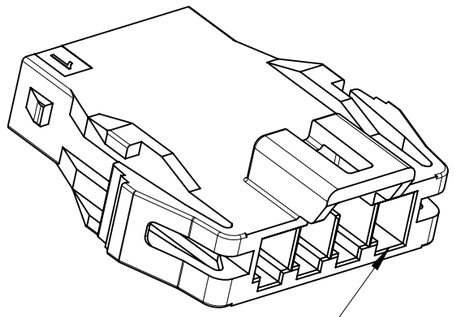
FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01

PANEL MOUNT PLUG PARTS

PART NUMBER	CIRCUIT SIZE	DIM "A"	DIM "B"	DIM "C"	COLOR	TYPE
202569-3102	2	8.0	16.92	12.4	BLACK	PANEL MOUNT
202569-3103	3	11.5	20.42	15.9		
202569-3104	4	15.0	23.92	19.4		
202569-3105	5	18.5	27.42	22.9		
202569-3106	6	22.0	30.92	26.4		
202569-3107	7	25.5	34.42	29.9		
202569-3108	8	29.0	37.92	33.4		
202569-4102	2	8.0	16.92	12.4	NATURAL	
202569-4103	3	11.5	20.42	15.9		
202569-4104	4	15.0	23.92	19.4		
202569-4105	5	18.5	27.42	22.9		
202569-4106	6	22.0	30.92	26.4		
202569-4107	7	25.5	34.42	29.9		
202569-4108	8	29.0	37.92	33.4		



RECOMMENDED PANEL CUT OUT
(TOLERRANCE +/-0.05 THICKNESS=1.2~2.2MM)

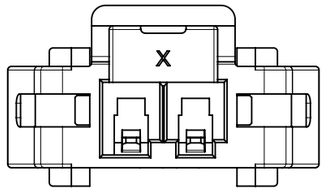
COLOR FEATURE	
BLACK	NATURAL
	
KEY A FOR BLACK COLOR PARTS	KEY B FOR NATURAL COLOR PARTS

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

DIMENSION UNITS: mm	SCALE: NTS	CURRENT REV DESC:	molex
GENERAL TOLERANCES (UNLESS SPECIFIED)			PLUG HOUSING OF ULTRA-FIT WTW SR POWER CONNECTOR
ANGULAR TOL ± °		EC NO: 810062	PRODUCT CUSTOMER DRAWING
4 PLACES ±		DRWN: LEOW 2024/11/21	DOCUMENT NUMBER: 2025691000-SD; DOC TYPE: PSD; DOC PART: 000; REVISION: A1
3 PLACES ±		CHK'D: XQZHANG 2025/01/20	
2 PLACES ± 0.2		APPR: XQZHANG 2025/01/20	
1 PLACE ± 0.3		INITIAL REVISION:	
0 PLACES ±		DRWN: GLLI 2021/07/06	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: EDUGGER 2022/11/01	
THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 202569	MATERIAL NUMBER: ; CUSTOMER: GENERAL MARKET; SHEET NUMBER: 4 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/20 09:13:04

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01



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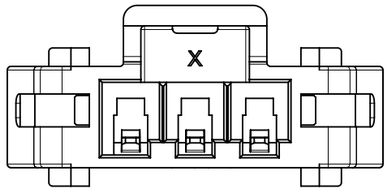

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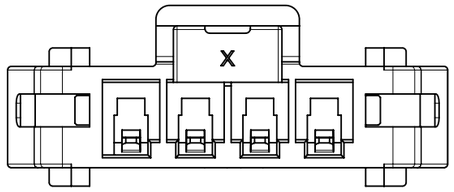

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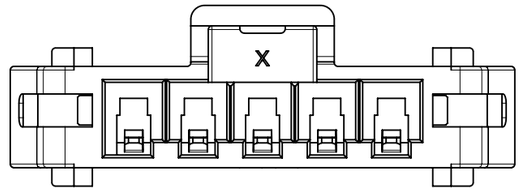

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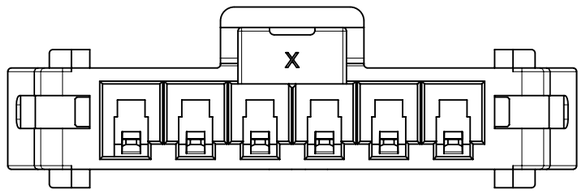

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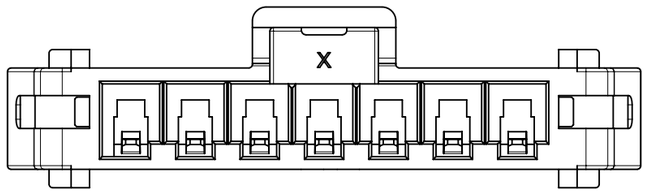

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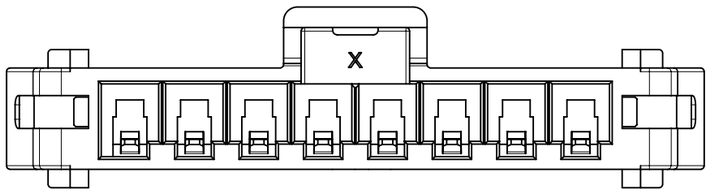

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.2
1 PLACE	±	0.3
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 810062

DRWN:	LEOW	2024/11/21
CHK'D:	XQZHANG	2025/01/20
APPR:	XQZHANG	2025/01/20

INITIAL REVISION:

DRWN:	GLLI	2021/07/06
APPR:	EDUGGER	2022/11/01

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 202569

molex

PLUG HOUSING OF ULTRA-FIT WTW SR POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

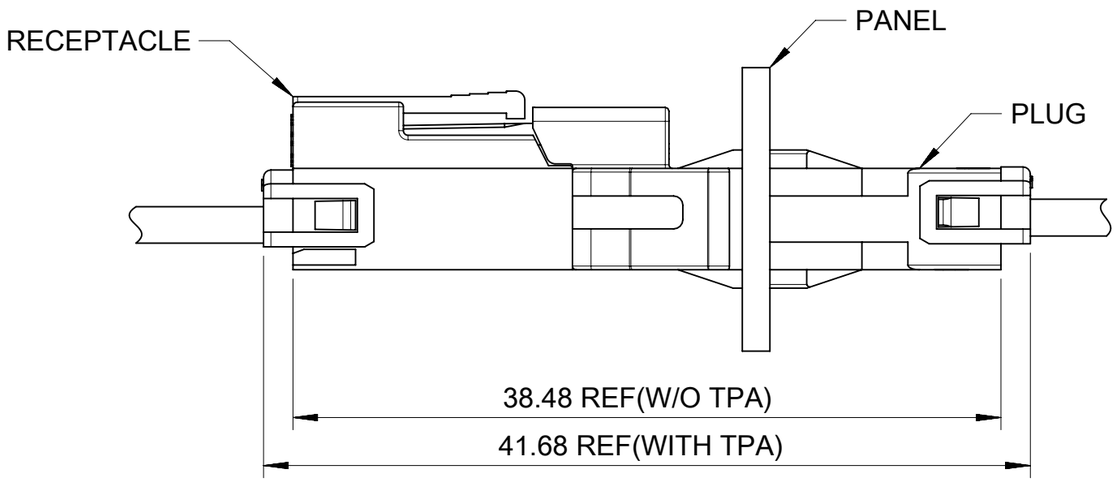
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2025691000-SD	PSD	000	A1

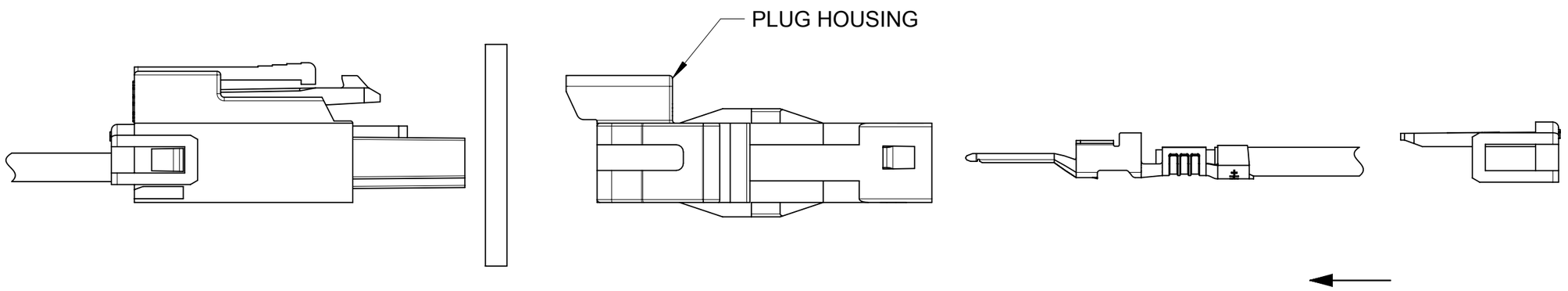
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	5 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/20 09:13:04

FORMAT: master-ib-prod-A3
REVISION: J1
DATE: 2021/05/01

PANEL MOUNT PLUG PARTS





PLUG TERMINAL AND TPA ORIENTATION

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

DIMENSION UNITS	mm
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	°
4 PLACES ±	
3 PLACES ±	
2 PLACES ±	0.2
1 PLACE ±	0.3
0 PLACES ±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC:

EC NO: 810062
DRWN: LEOW 2024/11/21
CHK'D: XQZHANG 2025/01/20
APPR: XQZHANG 2025/01/20

INITIAL REVISION:
DRWN: GLLI 2021/07/06
APPR: EDUGGER 2022/11/01

molex

PLUG HOUSING OF ULTRA-FIT WTW SR POWER CONNECTOR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2025691000-SD	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	202569		GENERAL MARKET	6 OF 6

DOCUMENT STATUS	P1	RELEASE DATE	2025/01/20 09:13:04

FORMAT: master-tb-prod-A3
REVISION: J1
DATE: 2021/05/01