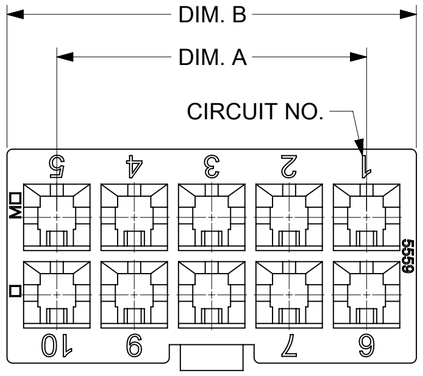
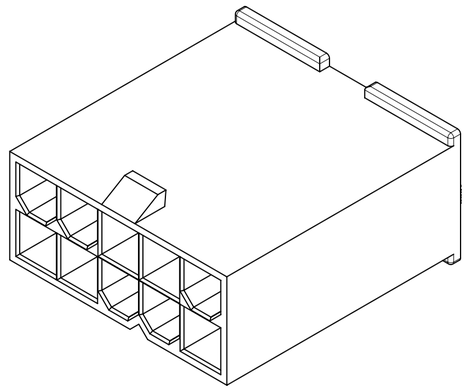
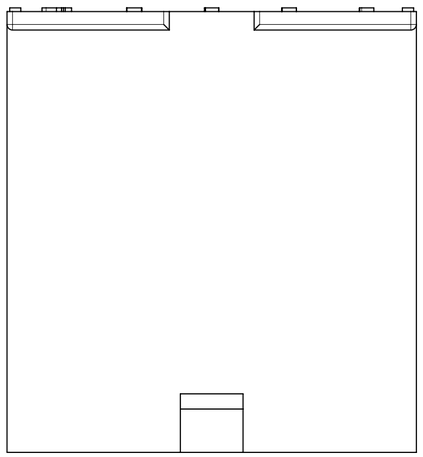
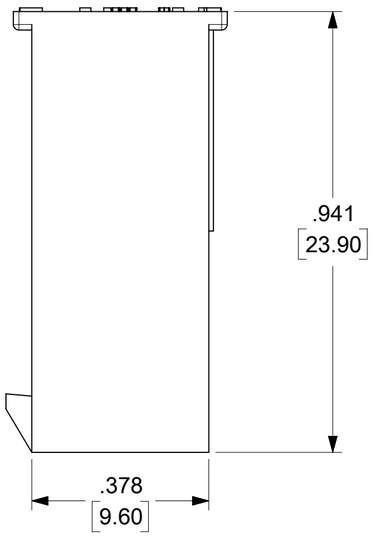
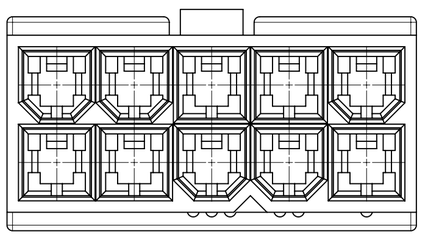
CKT. SIZE	DIM. A	DIM. B
6	.331	.543
	[8.40]	[13.80]
8	.496	.709
	[12.60]	[18.00]
10	.661	.874
	[16.80]	[22.20]
12	.827	1.039
	[21.00]	[26.40]
14	.992	1.205
	[25.20]	[30.60]
16	1.157	1.370
	[29.40]	[34.80]
18	1.323	1.535
	[33.60]	[39.00]
20	1.488	1.701
	[37.80]	[43.20]
22	1.654	1.866
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24	1.819	2.031
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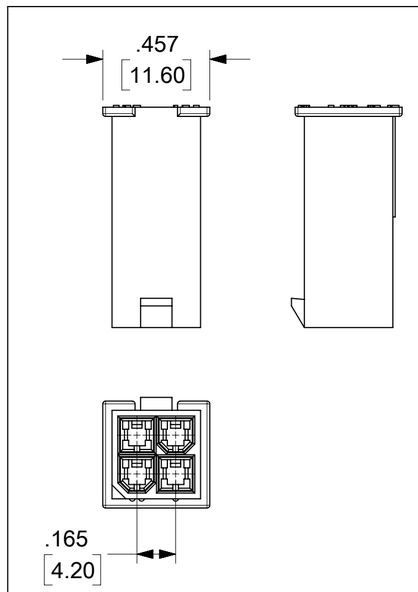




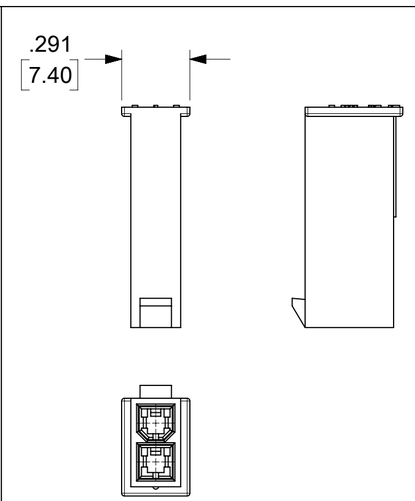








5559-04PI-***
SCALE: 2X



5559-02PI-***
SCALE: 2X

NOTES:
1. MATERIAL: BLANK=NYLON 6/6, UL 94V-2, COLOR: NATURAL
   BL=NYLON 6/6, UL 94V-2, COLOR: BLACK
   210=NYLON 6/6, UL 94V-0, COLOR: NATURAL
   400=NYLON 6/6, UL 94V-0, COLOR: BLACK
   225=NYLON (PA6), UL94V-0,COLOR: BLACK
2. FINISH: N/A.
3. PRODUCT SPECIFICATION: PS-5556-001.
4. PACKAGING SPECIFICATION: PK-5559-002.
5. THIS PART MATES WITH RECEPTACLE #5557, 172708-0***, 172708-1***.
6. THIS PART IS FOR USE WITH MOLEX MALE TERMINAL #5558, #46012.
7. PART IS NOT DESIGNED FOR CURRENT SHARINGN.
8. CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
9. WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION. FLASH AND SINK MEET CLASS "C" RQUIREMENTS.

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/15 04:23:15

THIS DRAWING REPLACES DRAWING SD-5559-NP1*

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

DIMENSION UNITS	SCALE
IN/MM	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.015
2 PLACES	± 0.38	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: A NEW PART NUMBER HAS BEEN ADDED, WHICH WAS PREVIOUSLY RESTRICTED AND IS NOW AVAILABLE FOR GENERAL MARKET

EC NO: 833966
DRWN: KIRANK20 2025/08/13
CHK'D: MADHUP2 2025/09/01
APPR: XQZHANG 2025/09/15

INITIAL REVISION:
DRWN: RJF 1989/09/22
APPR: ROS 1989/09/22

molex

MINI FIT JR SERIES
PLUG W/O MTG. EARS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590001-SD	PSD	000	A4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	5559	SEE TABLE	GENERAL MARKET	1 OF 2

FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01

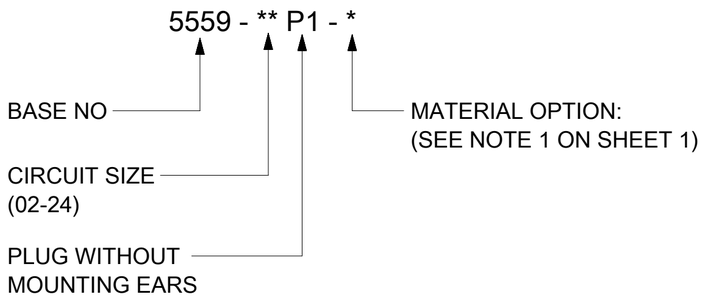
PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3023	5559-02P1	2	94V-2
39-01-3043	5559-04P1	4	94V-2
39-01-3063	5559-06P1	6	94V-2
39-01-3083	5559-08P1	8	94V-2
39-01-3103	5559-10P1	10	94V-2
39-01-3123	5559-12P1	12	94V-2
39-01-3143	5559-14P1	14	94V-2
39-01-3203	5559-20P1	20	94V-2
39-01-3223	5559-22P1	22	94V-2

PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3029	5559-02P 1-210	2	94V-0
39-01-3049	5559-04P 1-210	4	94V-0
39-01-3069	5559-06P 1-210	6	94V-0
39-01-3089	5559-08P 1-210	8	94V-0
39-01-3109	5559-10P 1-210	10	94V-0
39-01-3129	5559-12P 1-210	12	94V-0
39-01-3149	5559-14P 1-210	14	94V-0
39-01-3169	5559-16P 1-210	16	94V-0
39-01-3209	5559-20P 1-210	20	94V-0
39-01-3229	5559-22P 1-210	22	94V-0
39-01-3249	5559-24P 1-210	24	94V-0

PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
46999-0275	5559-02P 1-400	2	94V-0/BLACK
46999-0276	5559-04P 1-400	4	94V-0/BLACK
46999-0277	5559-06P 1-400	6	94V-0/BLACK
46999-0278	5559-08P 1-400	8	94V-0/BLACK
46999-0279	5559-10P 1-400	10	94V-0/BLACK
46999-0280	5559-12P 1-400	12	94V-0/BLACK
46999-0281	5559-14P 1-400	14	94V-0/BLACK
46999-0282	5559-16P 1-400	16	94V-0/BLACK
46999-0284	5559-20P 1-400	20	94V-0/BLACK
46999-0285	5559-22P 1-400	22	94V-0/BLACK
46999-0286	5559-24P 1-400	24	94V-0/BLACK
50-36-1678	5559-02P1-225	02	94V-0/BLACK

PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3026	5559-02P1-BL	2	94V-2 / BLACK
39-01-3046	5559-04P1-BL	4	94V-2 / BLACK
39-01-3066	5559-06P1-BL	6	94V-2 / BLACK
39-01-3086	5559-08P1-BL	8	94V-2 / BLACK
39-01-3106	5559-10P1-BL	10	94V-2 / BLACK
39-01-3126	5559-12P1-BL	12	94V-2 / BLACK
39-01-3146	5559-14P1-BL	14	94V-2 / BLACK
39-01-3166	5559-16P1-BL	16	94V-2 / BLACK

LEGEND



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PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590001-SD	PSD	000	A4

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	5559	SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/15 04:23:15

FORMAT: Eng-lega-master-lb-prod-C
REVISION: E1
DATE: 2021/05/01