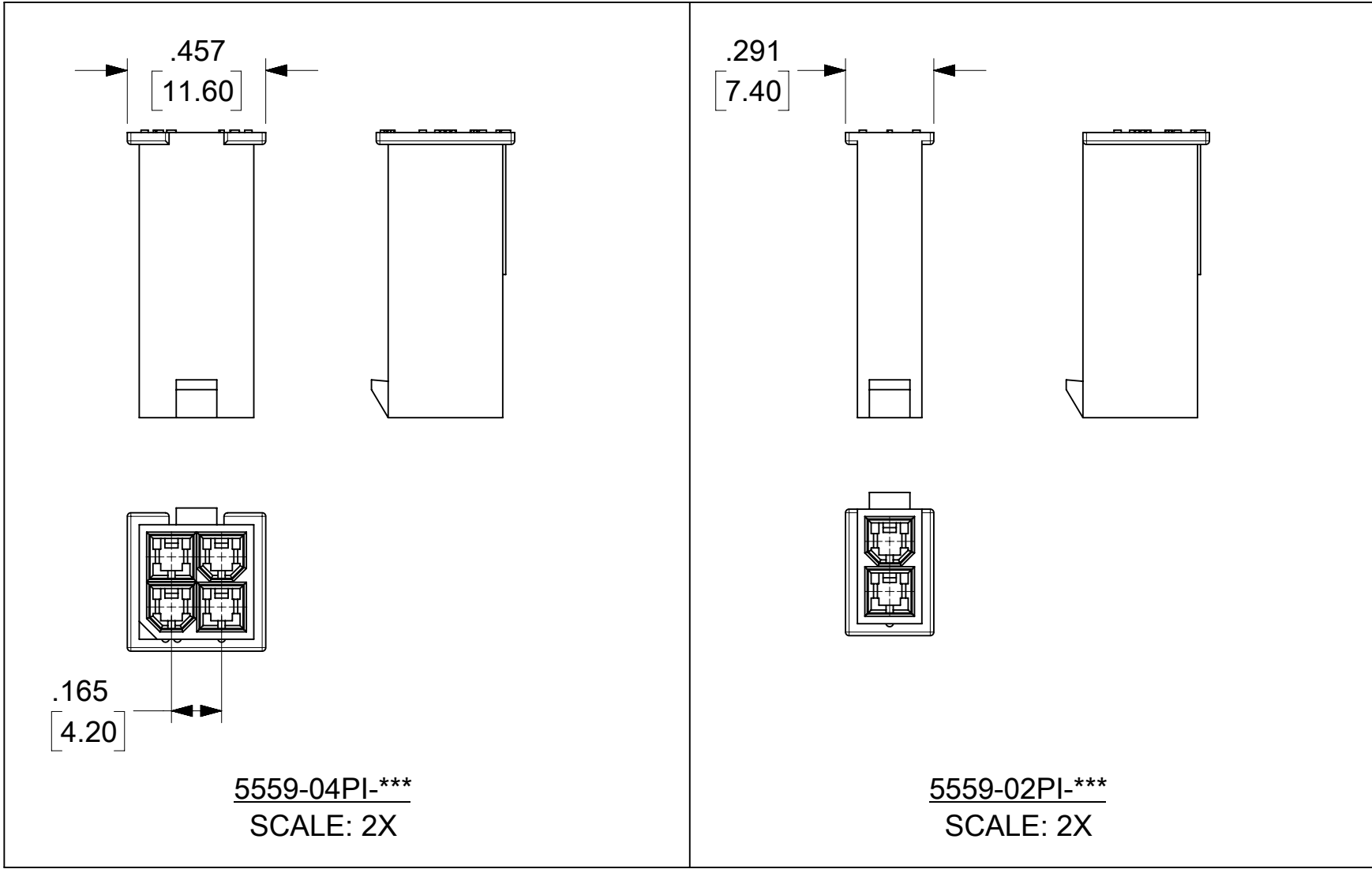
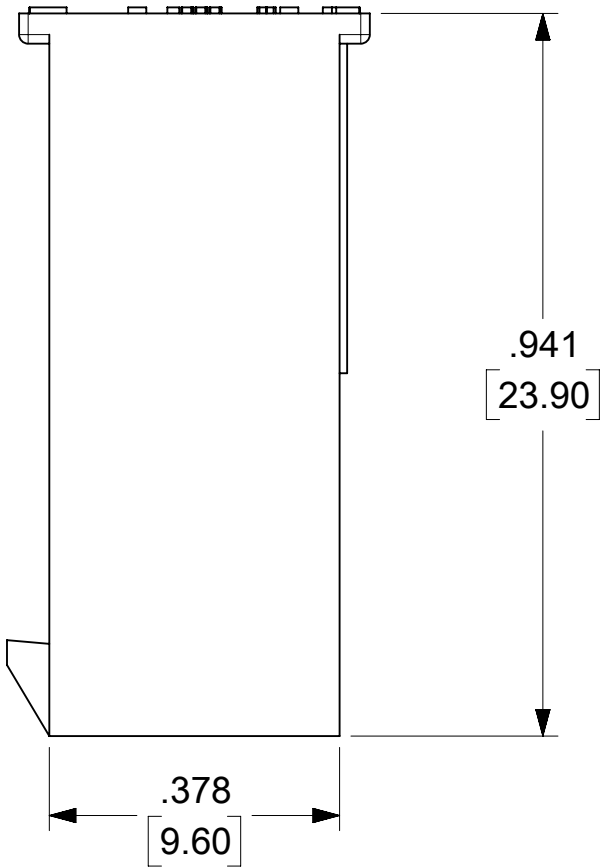
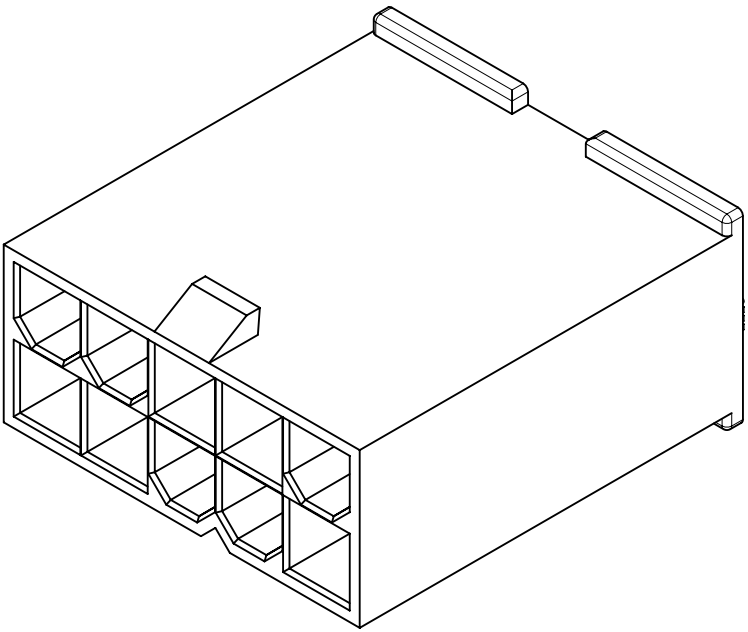
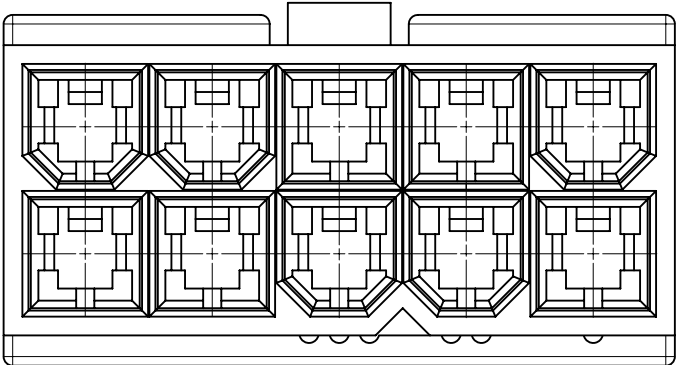
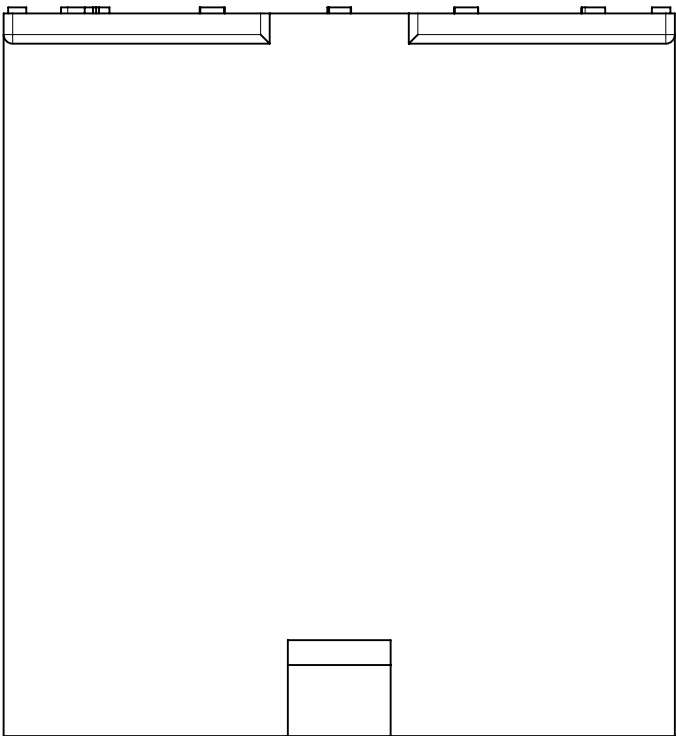
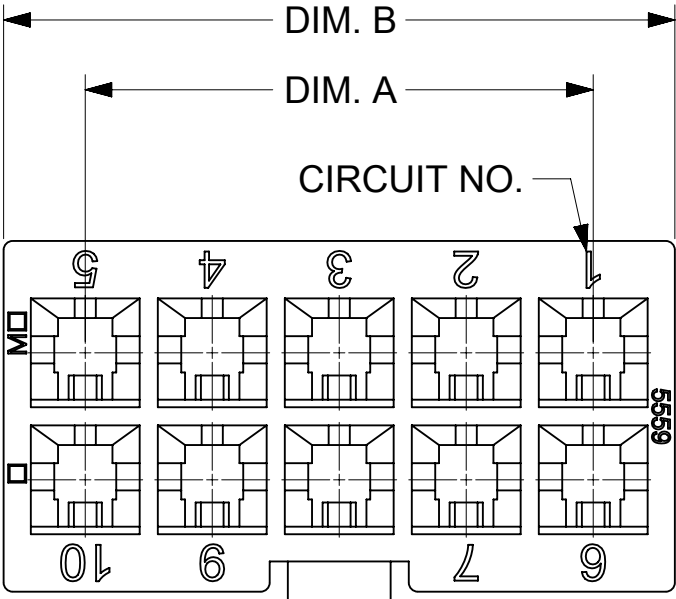




- NOTES:
- MATERIAL: BLANK=NYLON 6/6, UL 94V-2, COLOR: NATURAL
BL=NYLON 6/6, UL 94V-2, COLOR: BLACK
210=NYLON 6/6, UL 94V-0, COLOR: NATURAL
400=NYLON 6/6, UL 94V-0, COLOR: BLACK
 - FINISH: N/A.
 - PRODUCT SPECIFICATION: PS-5556-001.
 - PACKAGING SPECIFICATION: PK-5559-002.
 - THIS PART MATES WITH RECEPTACLE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

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
	[42.00]	[47.40]
24	1.819	2.031
	[46.20]	[51.60]

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

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

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516605				molex			
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 °	EC NO: 821949 DRWN: SAMPRS 2025/05/09 CHK'D: GGA 2025/05/21 APPR: GGA 2025/05/21				PRODUCT CUSTOMER DRAWING			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
THIRD ANGLE PROJECTION											
DRAWING		SERIES		DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION	
C-SIZE		5559		55590001-SD				PSD	000	A3	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER							
SEE TABLE		GENERAL MARKET		1 OF 2							

THIS DRAWING REPLACES DRAWING SD-5559-NP1*

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

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

5559 - ** P1 - *

BASE NO

CIRCUIT SIZE
(02-24)

PLUG WITHOUT - MOUNTING EARS

MATERIAL OPTION:
(SEE NOTE 1 ON SHEET 1)

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516605				molex													
IN/MM		NTS																			
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI FIT JR SERIES PLUG W/O MTG. EARS													
													MM		INCH						
4 PLACES		±		±		EC NO: 821949				PRODUCT CUSTOMER DRAWING											
3 PLACES		±		± 0.015		DRWN: SAMPRS2025/05/09															
2 PLACES		± 0.38		±		CHK'D: GGA2025/05/21															
1 PLACE		±		±		APPR: GGA2025/05/21															
0 PLACES		±		±		INITIAL REVISION:				DOCUMENT NUMBER											
ANGULAR TOL		± 0.5 °				DRWN: RJF1989/09/22				55590001-SD											
						APPR: ROS1989/09/22				DOC TYPE											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE		5559		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER							
																SEE TABLE		GENERAL MARKET		2 OF 2	

THIS DRAWING REPLACES DRAWING SD-5559-NP1*

FORMAT: Eng-lega-master-ib-prod-C REVISION: E1 DATE: 2021/05/01	12	11	10
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