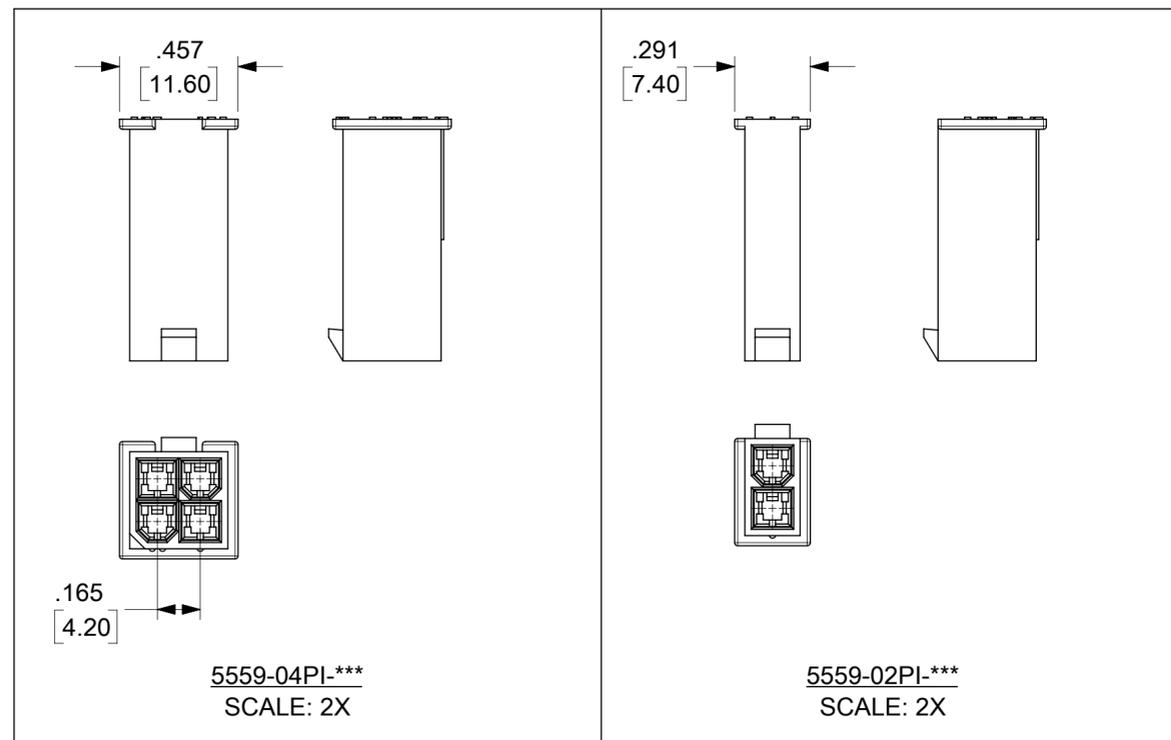


CKT. SIZE	DIM. A	DIM. B
6	.331	.543
	[8.40]	[13.80]
8	.496	.709
	[12.60]	[18.00]
10	.661	.874
	[16.80]	[22.20]
12	.827	1.039
	[21.00]	[26.40]
14	.992	1.205
	[25.20]	[30.60]
16	1.157	1.370
	[29.40]	[34.80]
18	1.323	1.535
	[33.60]	[39.00]
20	1.488	1.701
	[37.80]	[43.20]
22	1.654	1.866
	[42.00]	[47.40]
24	1.819	2.031
	[46.20]	[51.60]

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
225=NYLON (PA6), UL94V-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.



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: A NEW PART NUMBER HAS BEEN ADDED, WHICH WAS PREVIOUSLY RESTRICTED AND IS NOW AVAILABLE FOR GENERAL MARKET									
IN/MM		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 833966		DRWN: KIRANK20		2025/08/13		MINI FIT JR SERIES PLUG W/O MTG. EARS PRODUCT CUSTOMER DRAWING			
				CHK'D: MADHUP2		2025/09/01							
4 PLACES ±				APPR: XQZHANG		2025/09/15		DOCUMENT NUMBER: 55590001-SD DOC TYPE: PSD DOC PART: 000 REVISION: A4					
3 PLACES ±				INITIAL REVISION:		1989/09/22							
2 PLACES ± 0.38				DRWN: RJF		1989/09/22		MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2					
1 PLACE ±				APPR: ROS		1989/09/22							
0 PLACES ±				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 5559			

THIS DRAWING REPLACES DRAWING SD-5559-NP1*

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/15	04:23:15
12	11	10	9	8

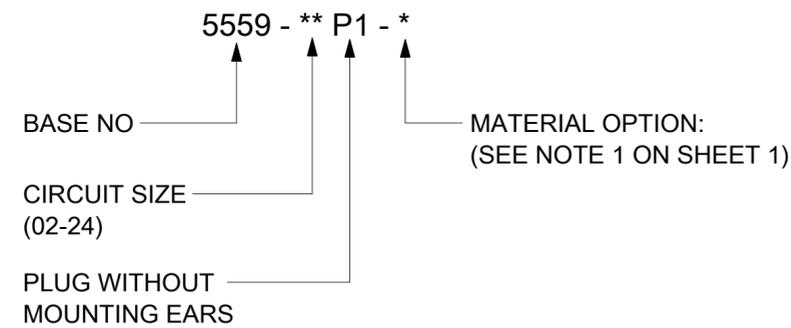
PART NUMBER	ENG. NUMBER	CIRCUIT SIZE	MATERIAL
39-01-3023	5559-02P1	2	94V-2
39-01-3043	5559-04P1	4	94V-2
39-01-3063	5559-06P1	6	94V-2
39-01-3083	5559-08P1	8	94V-2
39-01-3103	5559-10P1	10	94V-2
39-01-3123	5559-12P1	12	94V-2
39-01-3143	5559-14P1	14	94V-2
39-01-3203	5559-20P1	20	94V-2
39-01-3223	5559-22P1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



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: A NEW PART NUMBER HAS BEEN ADDED, WHICH WAS PREVIOUSLY RESTRICTED AND IS NOW AVAILABLE FOR GENERAL MARKET					
IN/MM		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 833966				MINI FIT JR SERIES PLUG W/O MTG. EARS	
				DRWN: KIRANK20 2025/08/13					
				CHK'D: MADHUP2 2025/09/01				PRODUCT CUSTOMER DRAWING	
				APPR: XQZHANG 2025/09/15					
				INITIAL REVISION:				DOCUMENT NUMBER 55590001-SD	
				DRWN: RJF 1989/09/22					
				APPR: ROS 1989/09/22				DOC TYPE PSD	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DOC PART 000	
DIMENSION UNITS IN/MM		SCALE NTS		DRAWING C-SIZE		SERIES 5559		SHEET NUMBER 2 OF 2	
MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET				REVISION A4	

THIS DRAWING REPLACES DRAWING SD-5559-NP1*

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