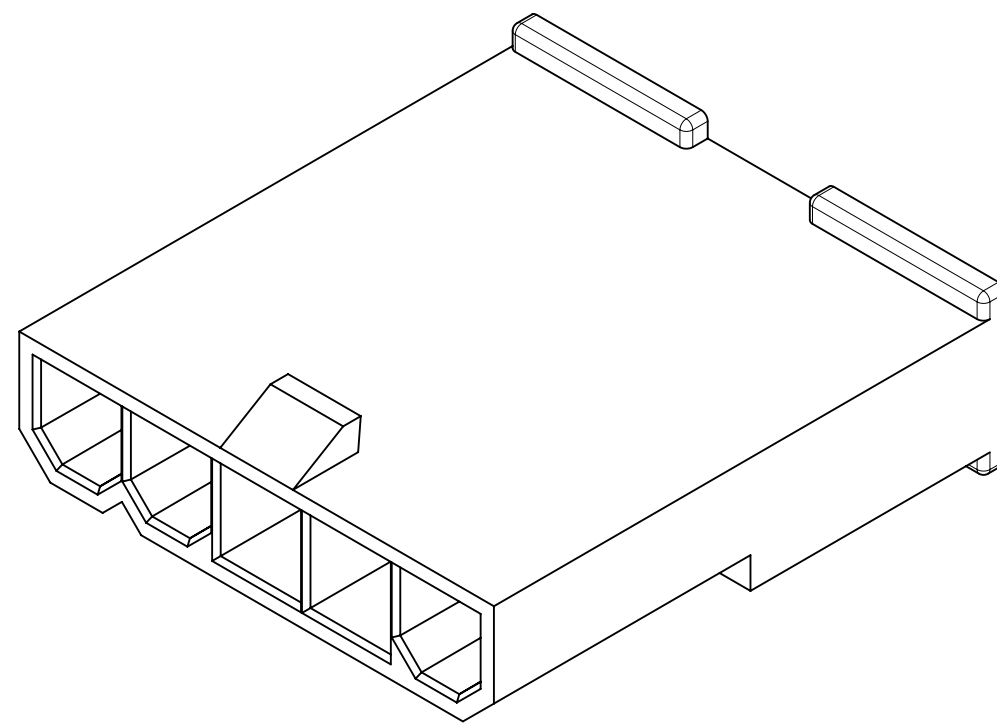
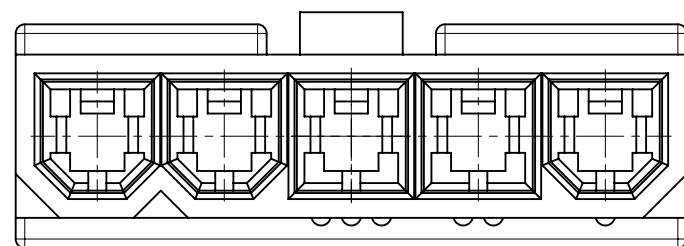
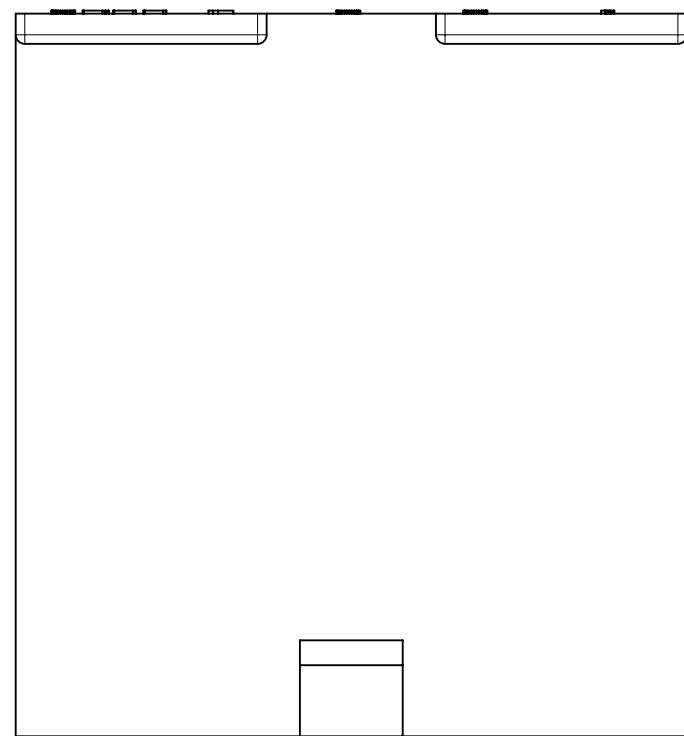
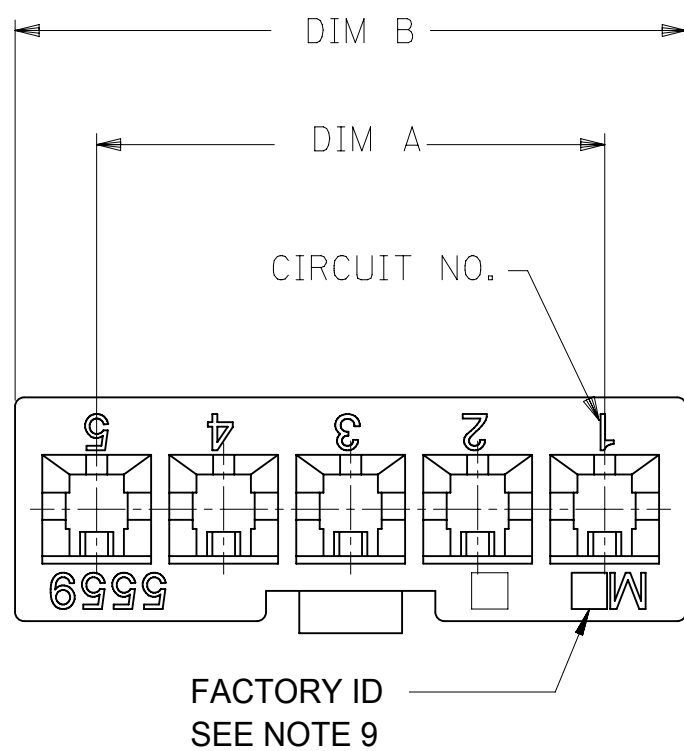
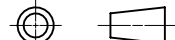
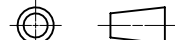




4		3	2	1
CKT SIZE	DIM A	DIM B	DIM C	DIM D
2	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.394</u> (10.00)	<u>.591</u> (15.00)
4	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.724</u> (18.40)	<u>.921</u> (23.40)
5	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>.890</u> (22.60)	<u>1.087</u> (27.60)
6	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.055</u> (26.80)	<u>1.252</u> (31.80)
7	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.220</u> (31.00)	<u>1.417</u> (36.00)
8	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.386</u> (35.20)	<u>1.583</u> (40.20)
9	<u>1.323</u> (33.60)	<u>1.535</u> (39.00)	<u>1.551</u> (39.40)	<u>1.748</u> (44.40)
10	<u>1.488</u> (37.80)	<u>1.701</u> (43.20)	<u>1.717</u> (43.60)	<u>1.913</u> (48.60)
11	<u>1.654</u> (42.00)	<u>1.866</u> (47.40)	<u>1.882</u> (47.80)	<u>2.079</u> (52.80)
12	<u>1.819</u> (46.20)	<u>2.031</u> (51.60)	<u>2.047</u> (52.00)	<u>2.244</u> (57.00)

NOTES:

1. MATERIAL: BLANK=NYLON 6/6, UL 94V-2, COLOR: NATURAL.
210=NYLON 6/6, UL 94V-0, COLOR: NATURAL.
400=NYLON 6/6, UL 94 V-0, COLOR: BLACK.
2. FINISH: NOTE APPLICABLE
3. PRODUCT SPECIFICATION: PS-5556-001
4. PACKAGING SPECIFICATION: BULK PER PK-5559-003
5. THIS PART MATES WITH RECEPTACLE NO. 5557.
6. THIS PART IS FOR USE WITH MOLEX MALE TERMINAL NO. 5558-*
7. PANEL MOUNT VERSION IS FOR USE WITH .031/.079/(0.80/2.00) THICK PANELS.
8. PANEL SHOULD BE PUNCHED IN THE DIRECTION OF CONNECTOR INSERTION.
9. FACTORY ID MAY BE LOCATED ON EARS.
10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
11. PART IS NOT DESIGNED FOR CURRENT SHARING.
12. PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
13. WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.

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 NUMBER AS PER PCN#511918					molex							
IN/MM		1:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)																
	MM		INCH													
4 PLACES		±	±						EC NO: 703993 DRWN: SUGEEB CHK'D: GGA APPR: GGA					MINI-FIT JR. SERIES PLUG (SINGLE ROW)		
3 PLACES		±	± 0.01													
2 PLACES		± 0.25	± 0.015													
1 PLACE		± 0.38	±													
0 PLACES		±	±		INITIAL REVISION:					PRODUCT CUSTOMER DRAWING						
ANGULAR TOL				± 0.5 °												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 5559		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
											55590002-SD			PSD	000	A1
							C-SIZE		5559		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
											SEE TABLE		GENERAL MARKET		1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2022/04/25	07:01:54
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THIS DRAWING REPLACES DRAWING SD-5559-NLP+

12		11	10		9	8		7
TOOLED	PART NO	ENG NO		CKT SIZE	MOUNTING OPTION	LOCK OPTION	MATERIAL SEE NOTE I	
YES	46999-0655	5559-02P2		2	W/EARS	POSITIVE	94V-2	
YES	46999-0656	5559-02P3		2	W/O EAR	POSITIVE	94V-2	
YES	46999-0657	5559-02P2-2 I0		2	W/EARS	POSITIVE	94V-0	
YES	46999-0658	5559-02P3-2 I0		2	W/O EAR	POSITIVE	94V-0	
YES	46999-0884	5559-02P2-400		2	W/EARS	POSITIVE	94V-0 BLACK	
YES	46999-0885	5559-02P3-400		2	W/O EAR	POSITIVE	94V-0 BLACK	
YES	39-01-4046	5559-04P3		4	W/O EAR	POSITIVE	94V-2	
YES	39-01-4043	5559-04P2-2 I0		4	W/EARS	POSITIVE	94V-0	
YES	39-01-4047	5559-04P3-2 I0		4	W/O EAR	POSITIVE	94V-0	
YES	46999-0561	5559-04P3-400		4	W/O EAR	POSITIVE	94V-0 BLACK	
YES	39-01-4052	5559-05P2		5	W/EARS	POSITIVE	94V-2	
YES	39-01-4056	5559-05P3		5	W/O EAR	POSITIVE	94V-2	
YES	39-01-4053	5559-05P2-2 I0		5	W/EARS	POSITIVE	94V-0	
YES	39-01-4057	5559-05P3-2 I0		5	W/O EAR	POSITIVE	94V-0	
YES	50-30-4446	5559-05P3-400		5	W/O EAR	POSITIVE	94V-0 BLACK	
YES	39-01-4062	5559-06P2		6	W/EARS	POSITIVE	94V-2	
YES	39-01-4066	5559-06P3		6	W/O EAR	POSITIVE	94V-2	
YES	46999-0886	5559-06P2-400		6	W/EARS	POSITIVE	94V-0 BLACK	
YES	46999-0887	5559-06P3-400		6	W/O EAR	POSITIVE	94V-0 BLACK	
YES	39-01-4063	5559-06P2-2 I0		6	W/EARS	POSITIVE	94V-0	
YES	39-01-4067	5559-06P3-2 I0		6	W/O EAR	POSITIVE	94V-0	
NO	39-01-4072	5559-07P2		7	W/EARS	POSITIVE	94V-2	
NO	39-01-4076	5559-07P3		7	W/O EAR	POSITIVE	94V-2	
NO	39-01-4073	5559-07P2-2 I0		7	W/EARS	POSITIVE	94V-0	
NO	39-01-4077	5559-07P3-2 I0		7	W/O EAR	POSITIVE	94V-0	
NO	39-01-4082	5559-08P2		8	W/EARS	POSITIVE	94V-2	
NO	39-01-4086	5559-08P3		8	W/O EAR	POSITIVE	94V-2	
NO	39-01-4083	5559-08P2-2 I0		8	W/EARS	POSITIVE	94V-0	
NO	39-01-4087	5559-08P3-2 I0		8	W/O EAR	POSITIVE	94V-0	
NO	39-01-4092	5559-09P2		9	W/EARS	POSITIVE	94V-2	
NO	39-01-4096	5559-09P3		9	W/O EAR	POSITIVE	94V-2	
NO	39-01-4093	5559-09P2-2 I0		9	W/EARS	POSITIVE	94V-0	
NO	39-01-4097	5559-09P3-2 I0		9	W/O EAR	POSITIVE	94V-0	
NO	39-01-4102	5559-10P2		10	W/EARS	POSITIVE	94V-2	
NO	39-01-4106	5559-10P3		10	W/O EAR	POSITIVE	94V-2	
NO	39-01-4103	5559-10P2-2 I0		10	W/EARS	POSITIVE	94V-0	
NO	39-01-4107	5559-10P3-2 I0		10	W/O EAR	POSITIVE	94V-0	
NO	39-01-4112	5559-11P2		11	W/EARS	POSITIVE	94V-2	
NO	39-01-4116	5559-11P3		11	W/O EAR	POSITIVE	94V-2	
NO	39-01-4113	5559-11P2-2 I0		11	W/EARS	POSITIVE	94V-0	
NO	39-01-4117	5559-11P3-2 I0		11	W/O EAR	POSITIVE	94V-0	
NO	39-01-4122	5559-12P2		12	W/EARS	POSITIVE	94V-2	
NO	39-01-4126	5559-12P3		12	W/O EAR	POSITIVE	94V-2	
NO	39-01-4123	5559-12P2-2 I0		12	W/EARS	POSITIVE	94V-0	
NO	39-01-4127	5559-12P3-2 I0		12	W/O EAR	POSITIVE	94V-0	

LEGEND

5559-** P * - *

BASE NO

CIRCUIT SIZE (04-12)

PLUG

MATERIAL OPTION:
SEE NOTE I

MOUNTING AND LOCK OPTION:
2=WITH EARS,POSITIVE LOCK
3=WITHOUT EARS,POSITIVE LOCK
4=WITH EARS,PASSIVE LOCK
5=WITHOUT EARS,PASSIVE LOCK

DOCUMENT STATUS

P1

RELEASE DATE

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6	5	4	3	2	1	
TOOLED	PART NO	ENG NO	CKT SIZE	MOUNTING OPTION	LOCK OPTION	MATERIAL SEE NOTE I
NO	NO E.D.P.	5559-04P4	4	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-04P5	4	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-04P4-2 I0	4	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-04P5-2 I0	4	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-05P5-2 I0	5	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-05P5-400	5	W/O EAR	PASSIVE	94V-0 BLACK
NO	NO E.D.P.	5559-06P4	6	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-06P5	6	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-06P4-2 I0	6	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-06P5-2 I0	6	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-07P4	7	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-07P5	7	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-07P4-2 I0	7	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-07P5-2 I0	7	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-08P4	8	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-08P5	8	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-08P4-2 I0	8	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-08P5-2 I0	8	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-09P4	9	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-09P5	9	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-09P4-2 I0	9	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-09P5-2 I0	9	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-10P4	10	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-10P5	10	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-10P4-2 I0	10	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-10P5-2 I0	10	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-11P4	11	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-11P5	11	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-11P4-2 I0	11	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-11P5-2 I0	11	W/O EAR	PASSIVE	94V-0
NO	NO E.D.P.	5559-12P4	12	W/EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-12P5	12	W/O EAR	PASSIVE	94V-2
NO	NO E.D.P.	5559-12P4-2 I0	12	W/EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-12P5-2 I0	12	W/O EAR	PASSIVE	94V-0

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DIMENSION UNITS

IN/MM

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

± 0.01

2 PLACES

±

± 0.015

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

± 0.5 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

5559

CURRENT REV DESC: REMOVED OBSOLETE PART
NUMBER AS PER PCN#511918

EC NO: 703993

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/04/07

2022/04/25

2022/04/25

INITIAL REVISION:

DRWN: KSS

APPR: FSMITH

1989/02/19

2011/03/10

mo

lex

MINI-FIT JR. SERIES PLUG
(SINGLE ROW)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

55590002-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3