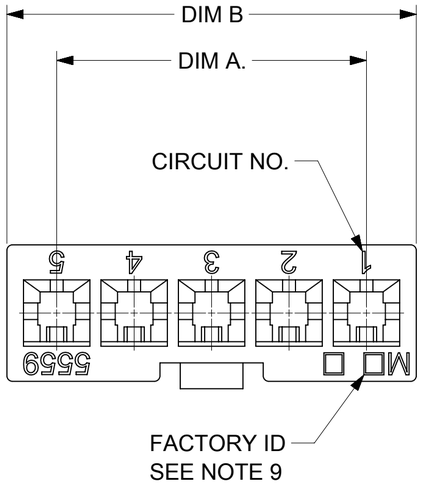
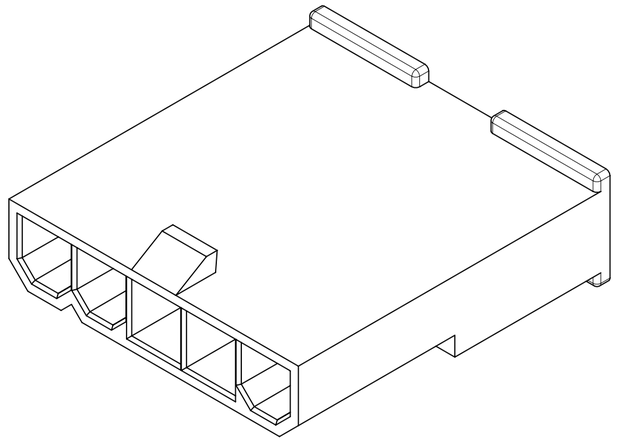
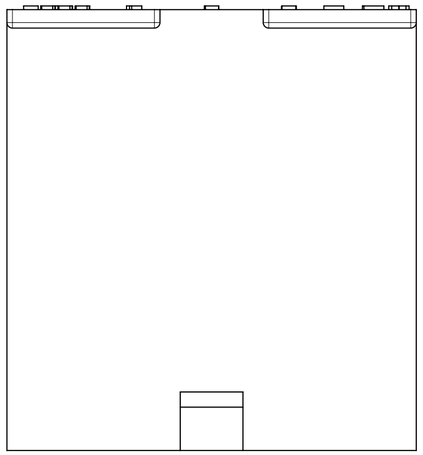
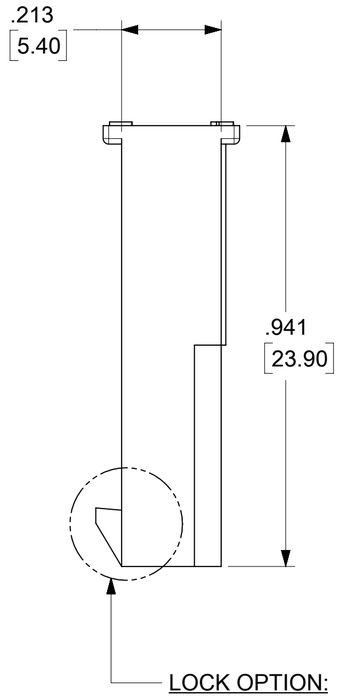
CKT SIZE	DIM.A	DIM.B	DIM.C	DIM.D
2	.165	.378	.394	.591
	[4.20]	[9.60]	[10.00]	[15.00]
4	.496	.709	.724	.921
	[12.60]	[18.00]	[18.40]	[23.40]
5	.661	.874	.890	1.087
	[16.80]	[22.20]	[22.60]	[27.60]
6	.827	1.039	1.055	1.252
	[21.00]	[26.40]	[26.80]	[31.80]
7	.992	1.205	1.220	1.417
	[25.20]	[30.60]	[31.00]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

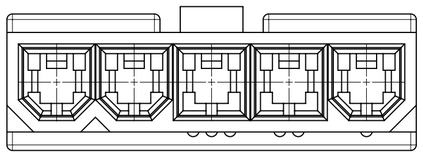






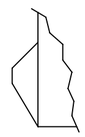
5 CKT WITHOUT
MOUNTING EARS SHOWN







POSITIVE LOCK



PASSIVE LOCK

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. 5557,46994,200453.
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 DESINGED FOR CURRENT SHARING.
12. PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
13. WIRES ARE TO BE DRESSED IN SHUCH A MANNER TO ALLOW THE TERMNALS TO FLOAT FREELY IN THE POCKET.

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DIMENSION UNITS	SCALE
IN/MM	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.015
1 PLACE	± 0.38	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 806008
DRWN: JERRYW8 2024/11/25
CHK'D: XQZHANG 2024/12/09
APPR: XQZHANG 2024/12/09

INITIAL REVISION:
DRWN: KSS 1989/02/19
APPR: FSMITH 2011/03/10

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 5559

molex

MINI-FIT JR. SERIES PLUG
(SINGLE ROW)

PRODUCT CUSTOMER DRAWING

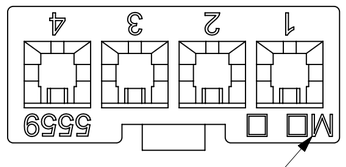
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590002-SD	PSD	000	A3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

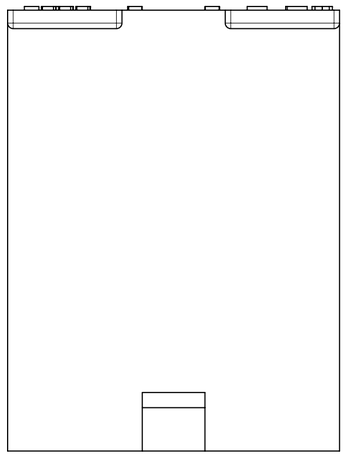
DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09 01:53:17

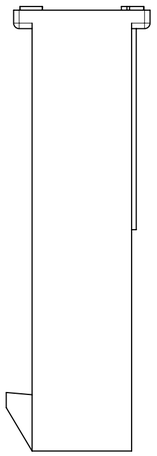
THIS DRAWING REPLACES DRAWING SD-5559-NLP+

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

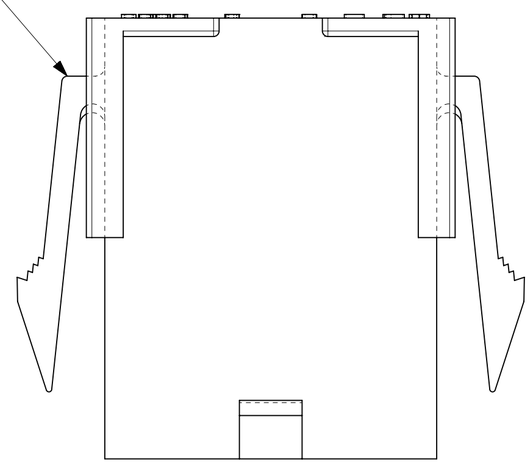


FACTORY ID
SEE NOTE 9

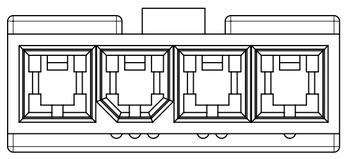




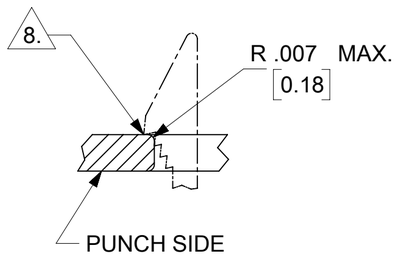
SEE NOTE 9



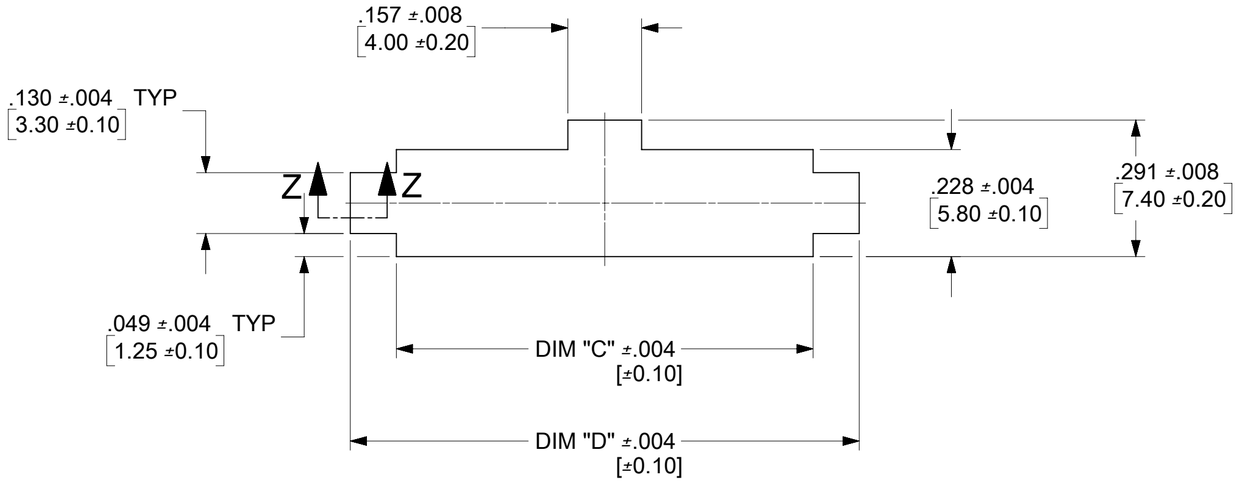
WITH MOUNTING EARS



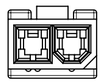
4 CKT WITHOUT
MOUNTING EARS SHOWN



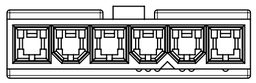
SECTION "Z"-"Z"
NO SCALE



RECOMMENDED PANEL CUT-OUT
(SEE NOTE 7 & 8)



2 CIRCUIT



6 CIRCUIT

POLARIZATION

DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09 01:53:17

THIS DRAWING REPLACES DRAWING SD-5559-NLP+

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DIMENSION UNITS	SCALE
IN/MM	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
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ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 806008
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CHK'D: XQZHANG 2024/12/09
APPR: XQZHANG 2024/12/09

INITIAL REVISION:
DRWN: KSS 1989/02/19
APPR: FSMITH 2011/03/10

molex

MINI-FIT JR. SERIES PLUG
(SINGLE ROW)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590002-SD	PSD	000	A3

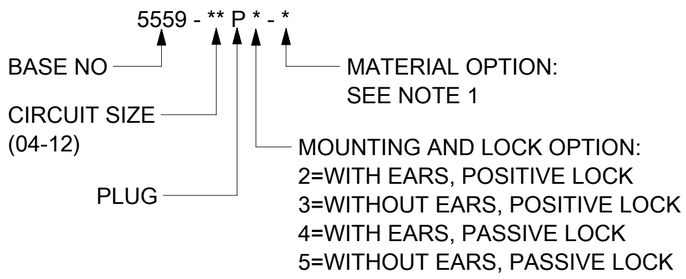
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	5559	SEE TABLE	GENERAL MARKET	2 OF 3

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

TOOLED	PART NO.	ENG NO.	CKT SIZE	MOUNTING OPTION	LOCK OPTION	MATERIAL (SEE NOTE 1)
YES	46999-0655	5559-02P2	2	W / EARS	POSITIVE	94V-2
YES	46999-0656	5559-02P3	2	W / O EARS	POSITIVE	94V-2
YES	46999-0657	5559-02P2-210	2	W / EARS	POSITIVE	94V-0
YES	46999-0658	5559-02P3-210	2	W / O EARS	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 EARS	POSITIVE	94V-0 BLACK
YES	39-01-4046	5559-04P3	4	W / O EARS	POSITIVE	94V-2
YES	39-01-4043	5559-04P2-210	4	W /EARS	POSITIVE	94V-0
YES	39-01-4047	5559-04P3-210	4	W / O EARS	POSITIVE	94V-0
YES	46999-0561	5559-04P3-400	4	W / O EARS	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 EARS	POSITIVE	94V-2
YES	39-01-4053	5559-05P2-210	5	W /EARS	POSITIVE	94V-0
YES	39-01-4057	5559-05P3-210	5	W / O EARS	POSITIVE	94V-0
YES	50-30-4446	5559-05P3-400	5	W / O EARS	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 EARS	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 EARS	POSITIVE	94V-0 BLACK
YES	39-01-4063	5559-06P2-210	6	W /EARS	POSITIVE	94V-0
YES	39-01-4067	5559-06P3-210	6	W / O EARS	POSITIVE	94V-0
NO	39-01-4072	5559-07P2	7	W /EARS	POSITIVE	94V-2
NO	39-01-4076	5559-07P3	7	W / O EARS	POSITIVE	94V-2
NO	39-01-4073	5559-07P2-210	7	W /EARS	POSITIVE	94V-0
NO	39-01-4077	5559-07P3-210	7	W / O EARS	POSITIVE	94V-0
NO	39-01-4082	5559-08P2	8	W /EARS	POSITIVE	94V-2
NO	39-01-4086	5559-08P3	8	W / O EARS	POSITIVE	94V-2
NO	39-01-4083	5559-08P2-210	8	W /EARS	POSITIVE	94V-0
NO	39-01-4087	5559-08P3-210	8	W / O EARS	POSITIVE	94V-0
NO	39-01-4092	5559-09P2	9	W /EARS	POSITIVE	94V-2
NO	39-01-4096	5559-09P3	9	W / O EARS	POSITIVE	94V-2
NO	39-01-4093	5559-09P2-210	9	W /EARS	POSITIVE	94V-0
NO	39-01-4097	5559-09P3-210	9	W / O EARS	POSITIVE	94V-0
NO	39-01-4102	5559-10P2	10	W /EARS	POSITIVE	94V-2
NO	39-01-4106	5559-10P3	10	W / O EARS	POSITIVE	94V-2
NO	39-01-4103	5559-10P2-210	10	W /EARS	POSITIVE	94V-0
NO	39-01-4107	5559-10P3-210	10	W / O EARS	POSITIVE	94V-0
NO	39-01-4112	5559-11P2	11	W /EARS	POSITIVE	94V-2
NO	39-01-4116	5559-11P3	11	W / O EARS	POSITIVE	94V-2
NO	39-01-4113	5559-11P2-210	11	W /EARS	POSITIVE	94V-0
NO	39-01-4117	5559-11P3-210	11	W / O EARS	POSITIVE	94V-0
NO	39-01-4122	5559-12P2	12	W /EARS	POSITIVE	94V-2
NO	39-01-4126	5559-12P3	12	W / O EARS	POSITIVE	94V-2
NO	39-01-4123	5559-12P2-210	12	W /EARS	POSITIVE	94V-0
NO	39-01-4127	5559-12P3-210	12	W / O EARS	POSITIVE	94V-0

TOOLED	PART NO.	ENG NO.	CKT SIZE	MOUNTING OPTION	LOCK OPTION	MATERIAL (SEE NOTE 1)
NO	NO E.D.P.	5559-04P4	4	W /EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-04P5	4	W / O EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-04P4-210	4	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-04P5-210	4	W / O EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-05P5-210	5	W / O EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-05P5-400	5	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-06P4-210	6	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-06P5-210	6	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-07P4-210	7	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-07P5-210	7	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-08P4-210	8	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-08P5-210	8	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-09P4-210	9	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-09P5-210	9	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-10P4-210	10	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-10P5-210	10	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-11P4-210	11	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-11P5-210	11	W / O EARS	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 EARS	PASSIVE	94V-2
NO	NO E.D.P.	5559-12P4-210	12	W /EARS	PASSIVE	94V-0
NO	NO E.D.P.	5559-12P5-210	12	W / O EARS	PASSIVE	94V-0

LEGEND



THIS DRAWING REPLACES DRAWING SD-5559-NLP+

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DIMENSION UNITS	SCALE
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GENERAL TOLERANCES (UNLESS SPECIFIED)

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

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APPR: XQZHANG 2024/12/09

INITIAL REVISION:
DRWN: KSS 1989/02/19
APPR: FSMITH 2011/03/10

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 5559

molex

MINI-FIT JR. SERIES PLUG
(SINGLE ROW)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
55590002-SD	PSD	000	A3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09 01:53:17

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