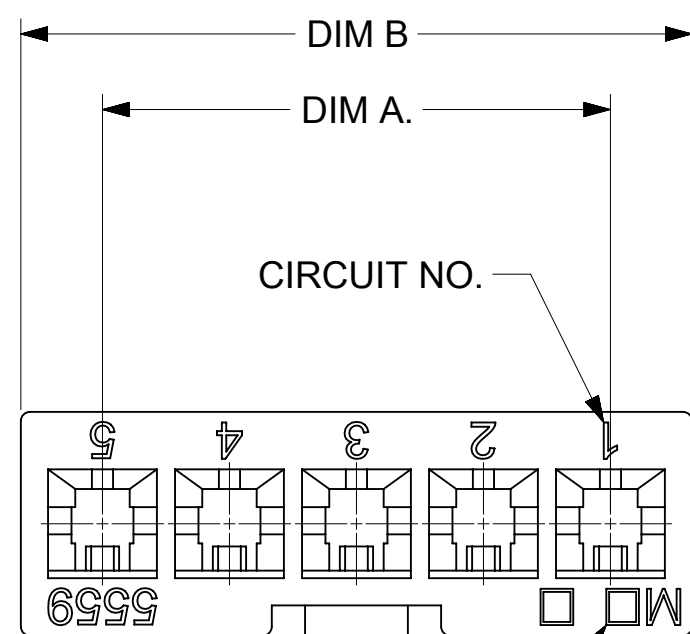
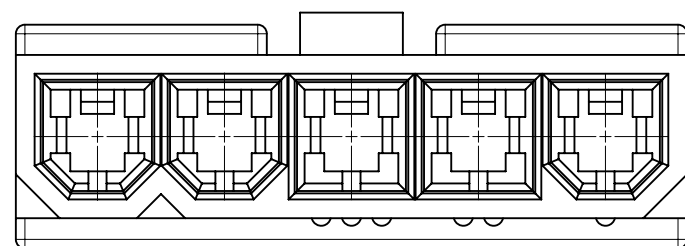
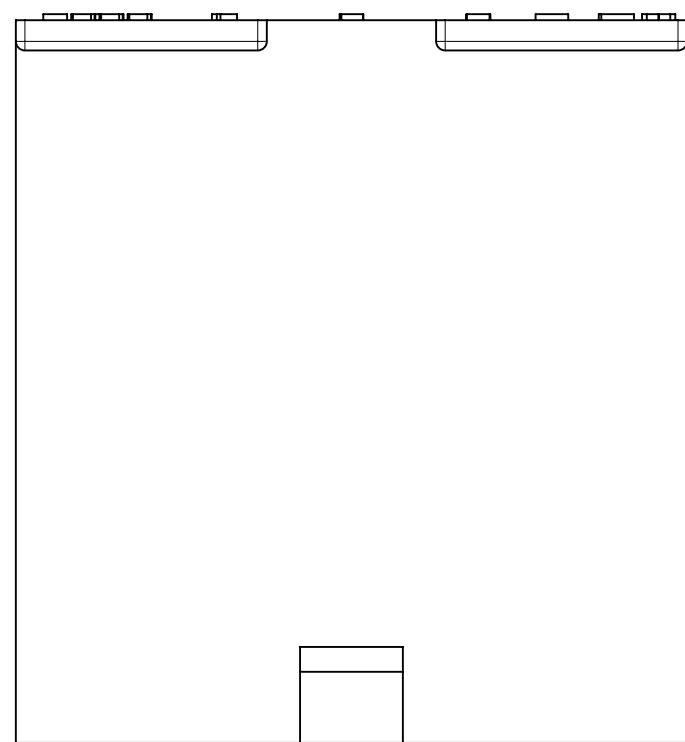


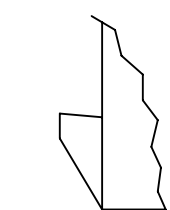


CIRCUIT NO.

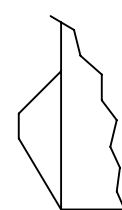
FACTORY ID
SEE NOTE 9



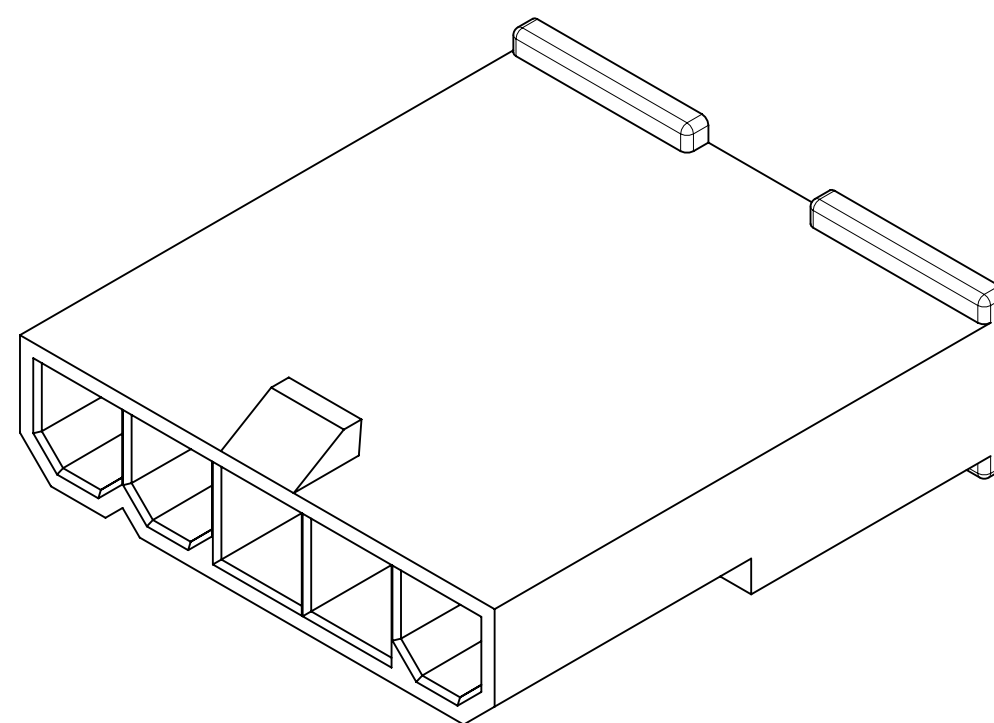
5 CKT WITHOUT
MOUNTING EARS SHOWN



POSITIVE LOCK



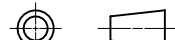
PASSIVE LOCK



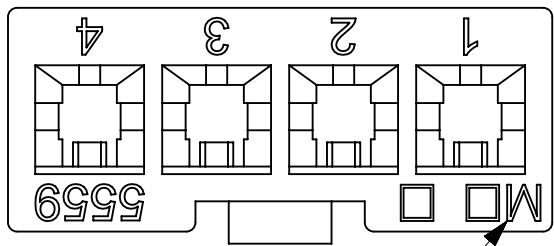
2		1			
CKT SIZE	DIM.A	DIM.B	DIM.C	DIM.D	
2	.165	.378	.394	.591	
	[4.20]	[9.60]	[10.00]	[15.00]	
4	.496	.709	.724	.921	
	[12.60]	[18.00]	[18.40]	[23.40]	
5	.661	.874	.890	1.087	
	[16.80]	[22.20]	[22.60]	[27.60]	
6	.827	1.039	1.055	1.252	
	[21.00]	[26.40]	[26.80]	[31.80]	
7	.992	1.205	1.220	1.417	
	[25.20]	[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]	

NOTES:

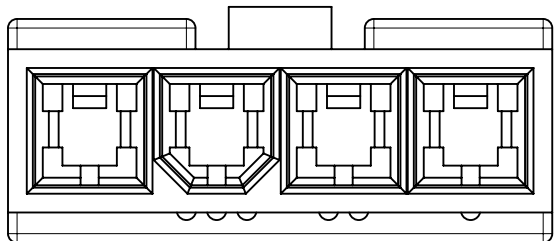
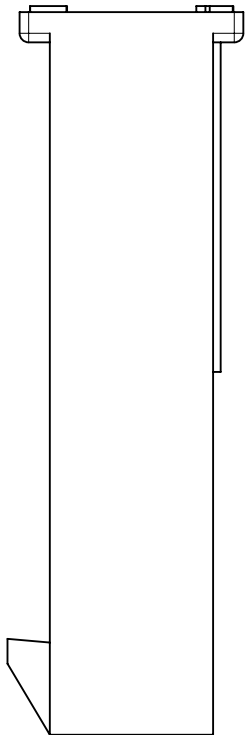
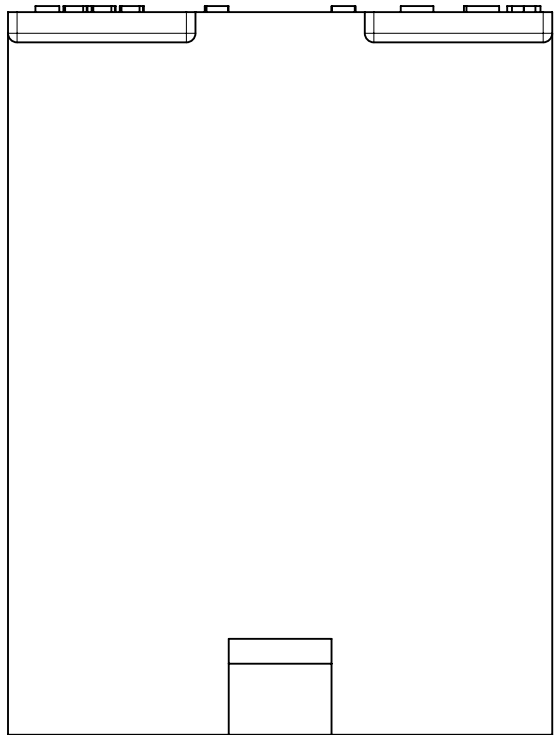
1. MATERIAL: BLANK=NYLON 6/6, UL 94V-2, COLOR: NATURAL.
210=NYLON 6/6, UL 94V-0, COLOR: NATURAL.
400=NYLON 6/6, UL 94 V-0, COLOR: BLACK.
2. FINISH: NOTE APPLICABLE
3. PRODUCT SPECIFICATION: PS-5556-001
4. PACKAGING SPECIFICATION: BULK PER PK-5559-003
5. THIS PART MATES WITH RECEPTACLE NO. 5557.
6. THIS 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: REMASTERED USING MODELS				molex				
IN/MM		4:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
	MM		INCH									
4 PLACES	±	±						EC NO: 782462				MINI-FIT JR. SERIES PLUG (SINGLE ROW)
3 PLACES	±	± 0.01		DRWN: SASWAP 2024/03/06								
2 PLACES	± 0.25	± 0.015		CHK'D: XQZHANG 2024/04/18								
1 PLACE	± 0.38	±		APPR: XQZHANG 2024/04/18								
0 PLACES	±	±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 0.5 °				DRWN: KSS 1989/02/19				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				APPR: FSMITH 2011/03/10				55590002-SD		PSD	000	A2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
						C-SIZE	5559	SEE TABLE	GENERAL MARKET		1 OF 3	

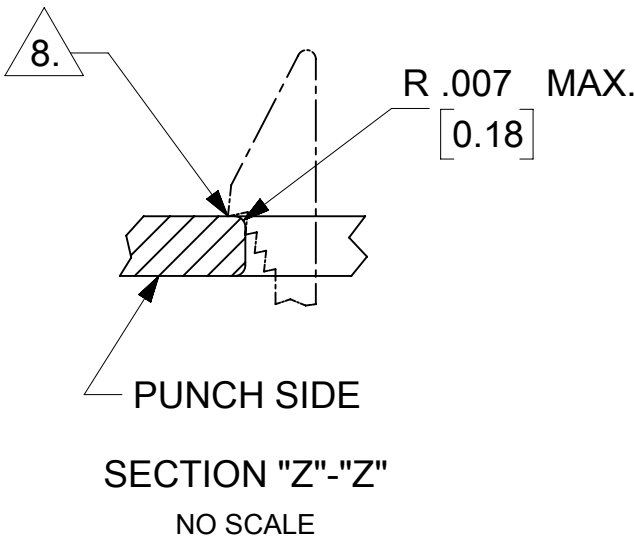
THIS DRAWING REPLACES DRAWING SD-5559-NLP+



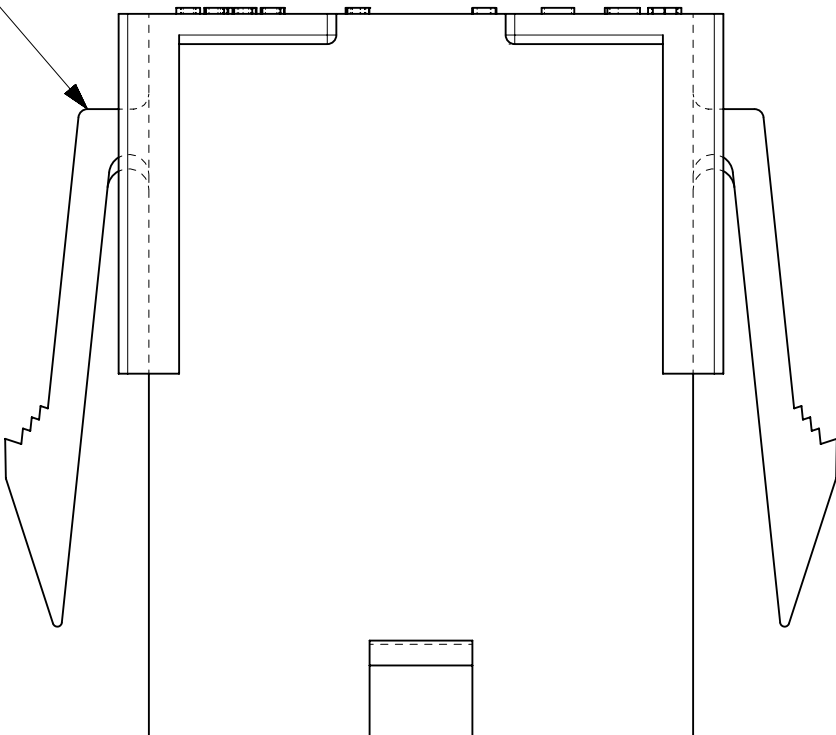
FACTORY ID
SEE NOTE 9



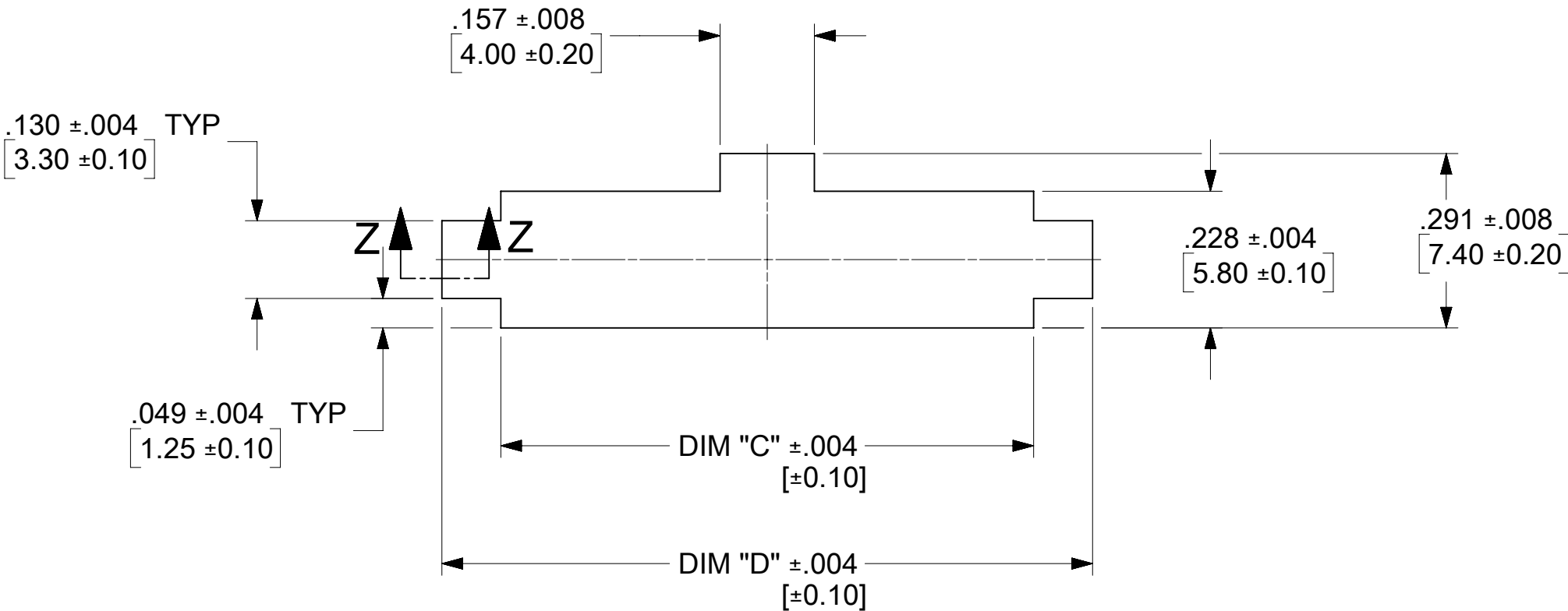
4 CKT WITHOUT
MOUNTING EARS SHOWN



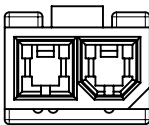
SEE NOTE 9



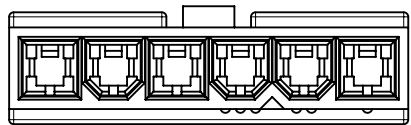
WITH MOUNTING EARS



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



2 CIRCUIT



6 CIRCUIT

POLARIZATION

THIS DRAWING REPLACES DRAWING SD-5559-NLP+

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: REMASTERED USING MODELS				molex MINI-FIT JR. SERIES PLUG (SINGLE ROW)				
IN/MM		4:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
		MM	INCH	EC NO: 782462 DRWN: SASWAP 2024/03/06 CHK'D: XQZHANG 2024/04/18 APPR: XQZHANG 2024/04/18				PRODUCT CUSTOMER DRAWING				
4 PLACES	±		±									
3 PLACES	±		± 0.01									
2 PLACES	±	0.25	± 0.015									
1 PLACE	±	0.38	±									
0 PLACES		±	±	INITIAL REVISION: DRWN: KSS 1989/02/19 APPR: FSMITH 2011/03/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
ANGULAR TOL		±	0.5 °					55590002-SD		PSD	000	A2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
				 		C-SIZE	5559	SEE TABLE		GENERAL MARKET		2 OF 3

12		11		10		9		8		7	
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			

LEGEND

BASE NO

CIRCUIT SIZE
(04-12)

PLUG

5559 - ** P * - *

MATERIAL OPTION:
SEE NOTE 1

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	2024/04/18	04:37:56
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6	5		4	3	2	1
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

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DIMENSION UNITS

SCALE

IN/MM

1:1

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: REMASTERED USING
MODELS

EC NO: 782462

DRWN: SASWAP

CHK'D: XQZHANG

APPR: XQZHANG

2024/03/06

2024/04/18

2024/04/18

INITIAL REVISION:

DRWN: KSS

APPR: FSMITH

1989/02/19

2011/03/10

MINI-FIT JR. SERIES PLUG
(SINGLE ROW)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

55590002-SD

PSD

000

A2

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

3 OF 3

THIRD ANGLE PROJECTION

DRAWING

SERIES

C-SIZE

5559

12	11	10	9	8	7	6	5	4	3	2	1
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