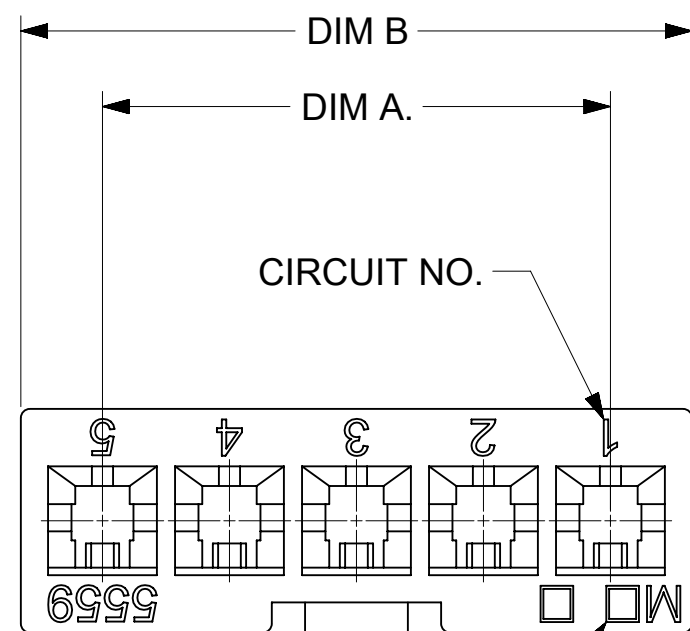
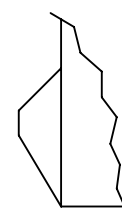
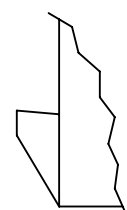
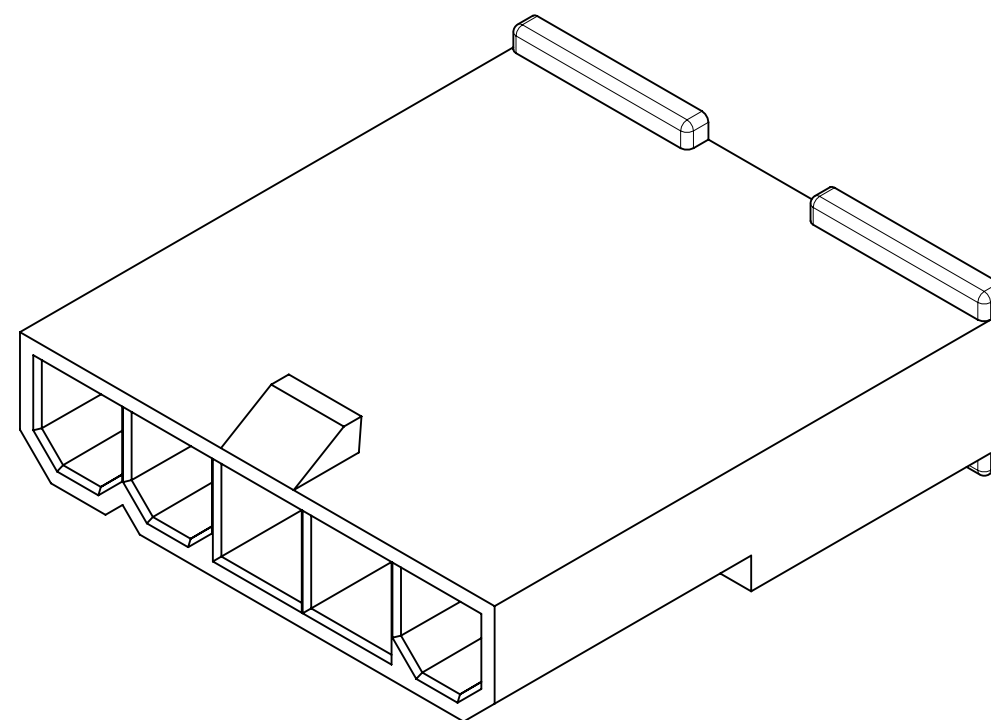
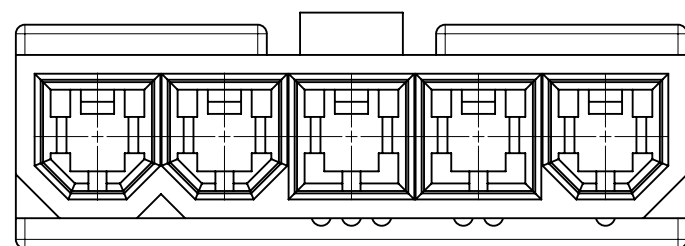
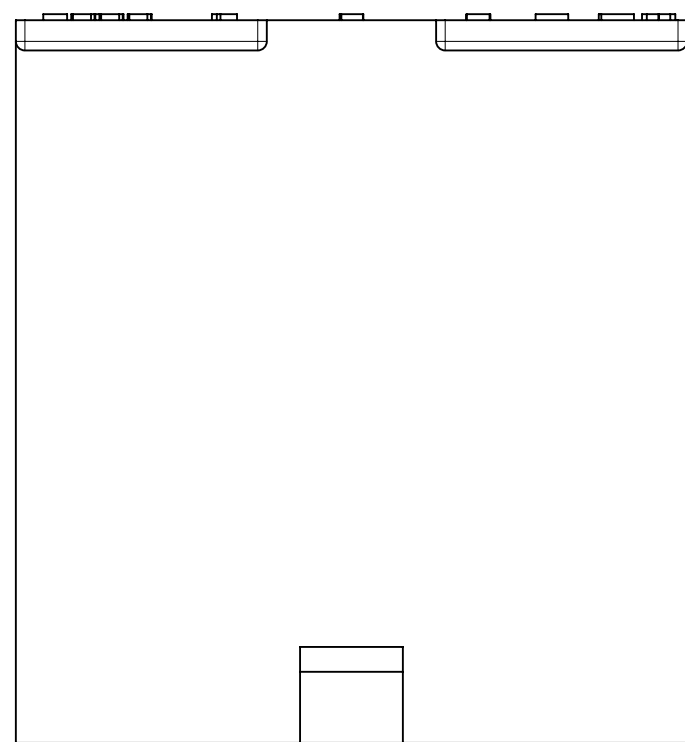




FACTORY ID
SEE NOTE 9



- NOTES:

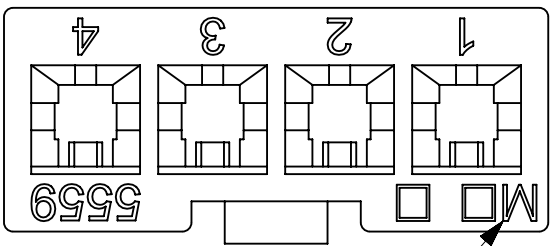
1. MATERIAL: BLANK=NYLON 6/6, UL 94V-2, COLOR: NATURAL.
210=NYLON 6/6, UL 94V-0, COLOR: NATURAL.
400=NYLON 6/6, UL 94 V-0, COLOR: BLACK.
2. FINISH: NOTE APPLICABLE
3. PRODUCT SPECIFICATION: PS-5556-001
4. PACKAGING SPECIFICATION: BULK PER PK-5559-003
5. THIS PART MATES WITH RECEPTACLE NO. 5557,46994,200453.
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 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.

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]	

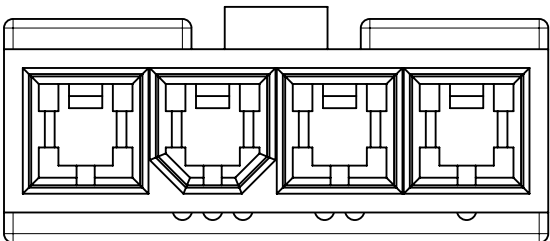
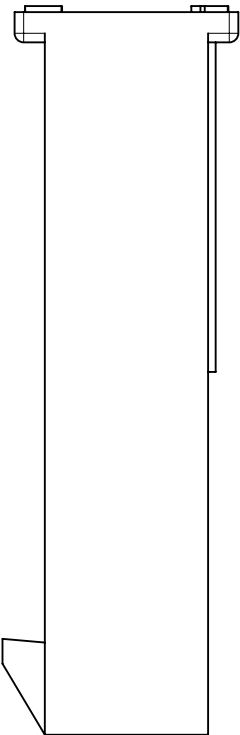
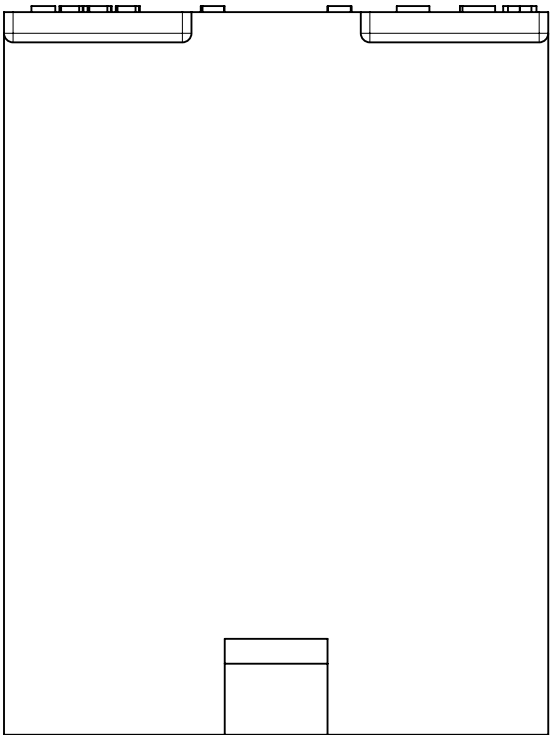
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
IN/MM		4:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
	MM	INCH													
4 PLACES		±		EC NO: 806008		2024/11/25		MINI-FIT JR. SERIES PLUG (SINGLE ROW)							
3 PLACES		±	± 0.01	DRWN: JERRYW8		2024/12/09									
2 PLACES		± 0.25	± 0.015	CHK'D: XQZHANG		2024/12/09									
1 PLACE		± 0.38	±	APPR: XQZHANG		2024/12/09		PRODUCT CUSTOMER DRAWING							
0 PLACES		±		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
ANGULAR TOL		± 0.5 °		DRWN: KSS		1989/02/19		55590002-SD		PSD		000		A3	
				APPR: FSMITH		2011/03/10									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 5559		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09	01:53:17
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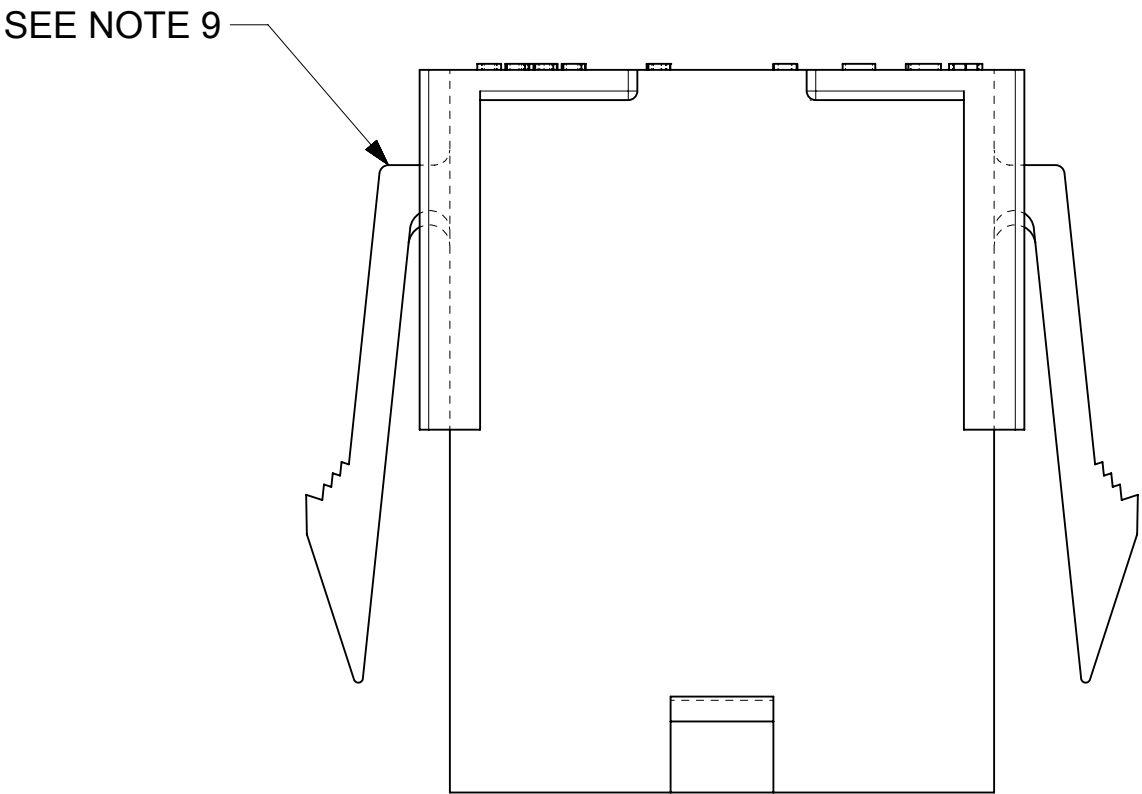
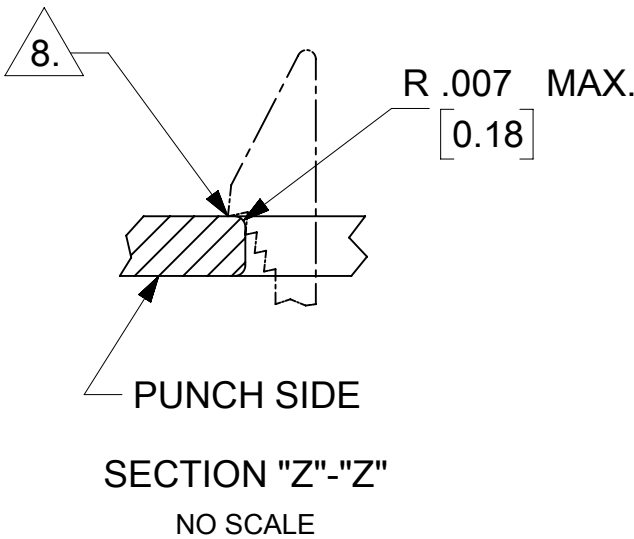
THIS DRAWING REPLACES DRAWING SD-5559-NLP+



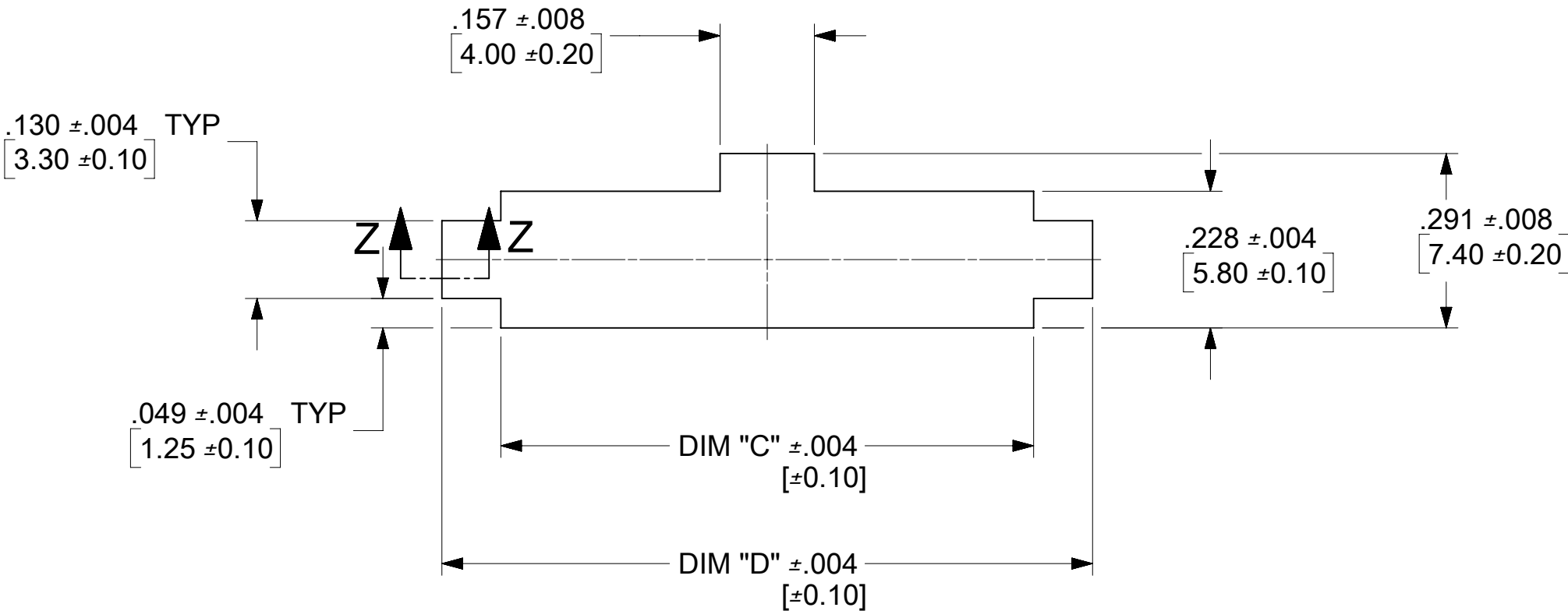
FACTORY ID
SEE NOTE 9



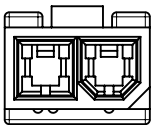
4 CKT WITHOUT
MOUNTING EARS SHOWN



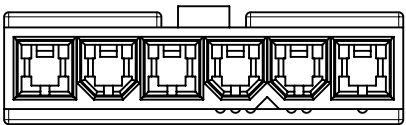
WITH MOUNTING EARS



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:				molex															
IN/MM		4:1																					
GENERAL TOLERANCES (UNLESS SPECIFIED)								MINI-FIT JR. SERIES PLUG (SINGLE ROW)															
MM		INCH						PRODUCT CUSTOMER DRAWING															
4 PLACES	±		±									DOCUMENT NUMBER 55590002-SD											
3 PLACES	±		± 0.01													DOC TYPE PSD							
2 PLACES	±	0.25	± 0.015																	DOC PART 000			
1 PLACE	±	0.38	±																				
0 PLACES	±																						
ANGULAR TOL ± 0.5 °				INITIAL REVISION:				DOCUMENT NUMBER															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: KSS		1989/02/19		SHEET NUMBER 2 OF 3															
				APPR: FSMITH		2011/03/10																	
				THIRD ANGLE PROJECTION		SERIES																	
						DRAWING C-SIZE		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET													
				5559																			

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	2024/12/09	01:53:17
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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

IN/MM

SCALE

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:

EC NO: 806008
DRWN: JERRYW8
CHK'D: XQZHANG
APPR: XQZHANG

INITIAL REVISION:
DRWN: KSS
APPR: FSMITH

THIRD ANGLE PROJECTION

2024/11/25
2024/12/09
2024/12/09

1989/02/19
2011/03/10

DRAWING
C-SIZE

SERIES
5559

THIS DRAWING REPLACES DRAWING SD-5559-NLP+

molex

MINI-FIT JR. SERIES PLUG
(SINGLE ROW)

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER
55590002-SD

MATERIAL NUMBER
SEE TABLE

DOC TYPE
PSD

CUSTOMER
GENERAL MARKET

DOC PART
000

REVISION
A3

SHEET NUMBER
3 OF 3