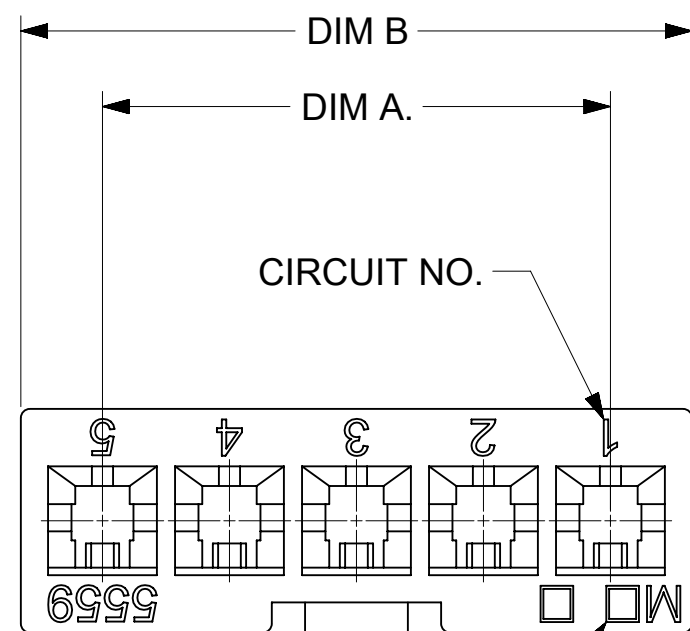
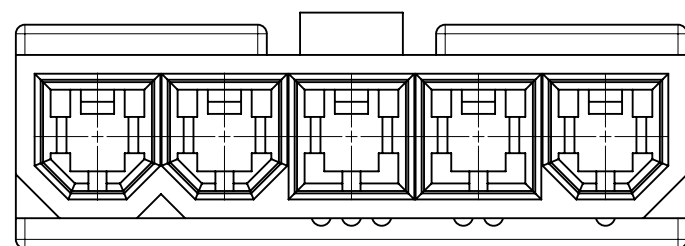
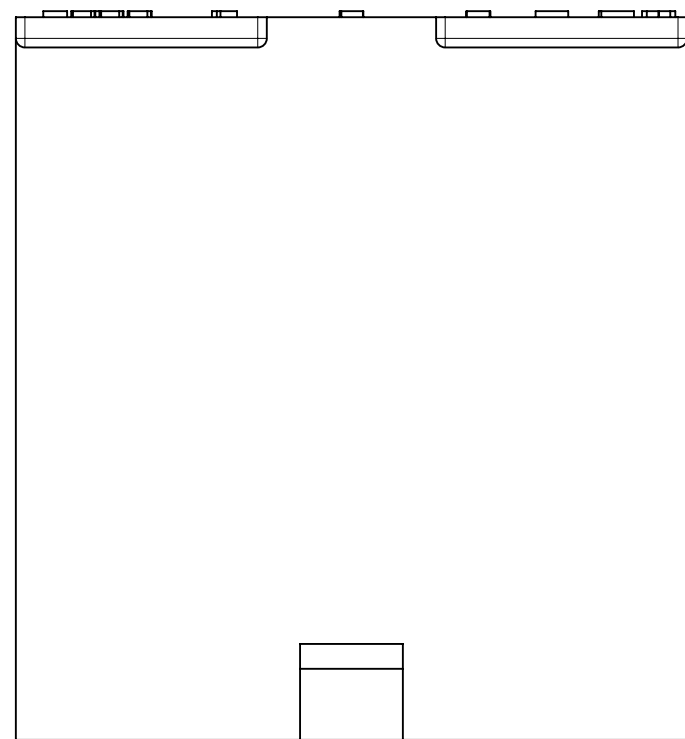
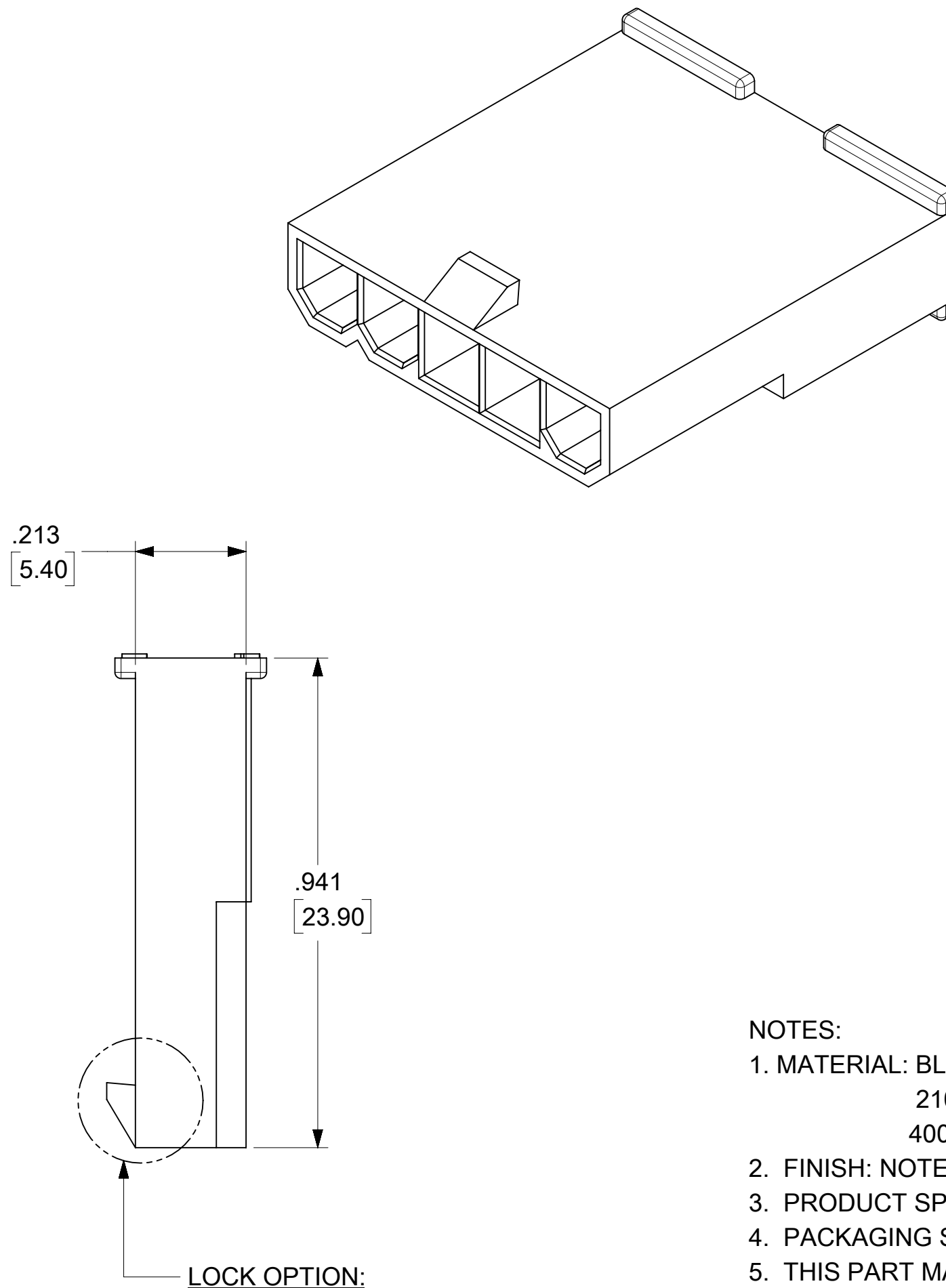




FACTORY ID
SEE NOTE 9



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 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:				molex					
IN/MM		4:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
	MM	INCH											
4 PLACES		±		±		EC NO: 806008		MINI-FIT JR. SERIES PLUG (SINGLE ROW)					
3 PLACES		±		± 0.01		DRWN: JERRYW8 2024/11/25							
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

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 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

5559 - ** P * - *

BASE NO

CIRCUIT SIZE
(04-12)

PLUG

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

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

2024/11/25

2024/12/09

2024/12/09

INITIAL REVISION:

DRWN: KSS

APPR: FSMITH

1989/02/19

2011/03/10

THIRD ANGLE PROJECTION

DRAWING

C-SIZE

SERIES

5559

DOCUMENT NUMBER

55590002-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A3

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 3