

NOTES:

1. MATERIALS:

HOUSING:

- "BLANK"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
- "130"=GLASS FILLED LCP, UL94 V-0, COLOR: BLACK
IEC 60335-1, 5TH EDITION GLOW WIRE CAPABLE
- "210"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
- "BL"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: BLACK
- "400"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: BLACK

TERMINALS:

BRASS

2. TERMINAL PLATING:

- "BLANK"=.000035/(0.00090) MIN. REFLOWED MATTE TIN OVER
.000020/(0.00050) MIN. COPPER (PREPLATE)
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)
- GS2=.000015/(0.00038) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL OVERALL
- GS=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL OVERALL
- S=.000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN. NICKEL
- MS=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING: TRAY PACKED PER PK-5566-002

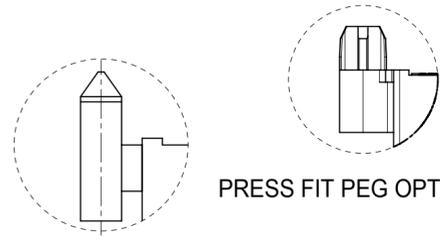
5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.

6. PART IS NOT DESIGNED FOR CURRENT SHARING.

7. PARTS ARE NOT TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.

8. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

9. 5 CIRCUIT PARTS HAVE PEG DESIGN B. ALL OTHER CIRCUIT SIZES HAVE PEG DESIGN A.



PEG DESIGN B
SEE NOTE 9

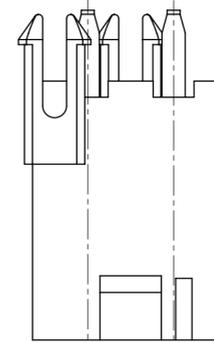
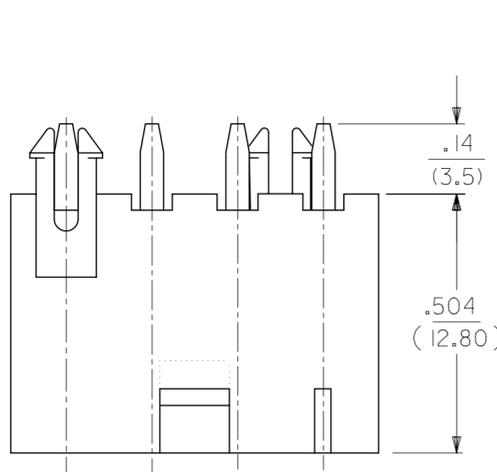
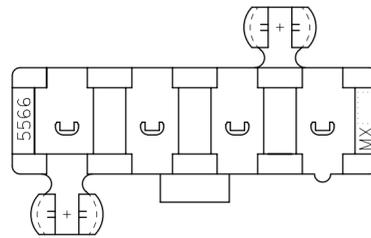
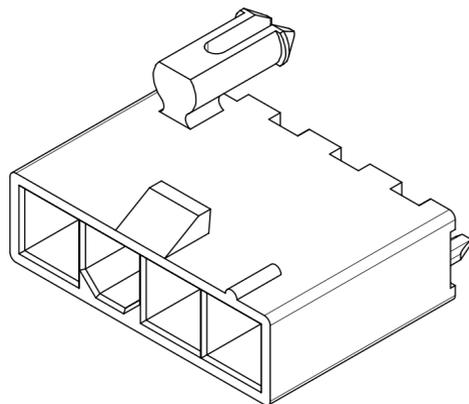
PRESS FIT PEG OPTION

PEG DESIGN A
SEE NOTE 9

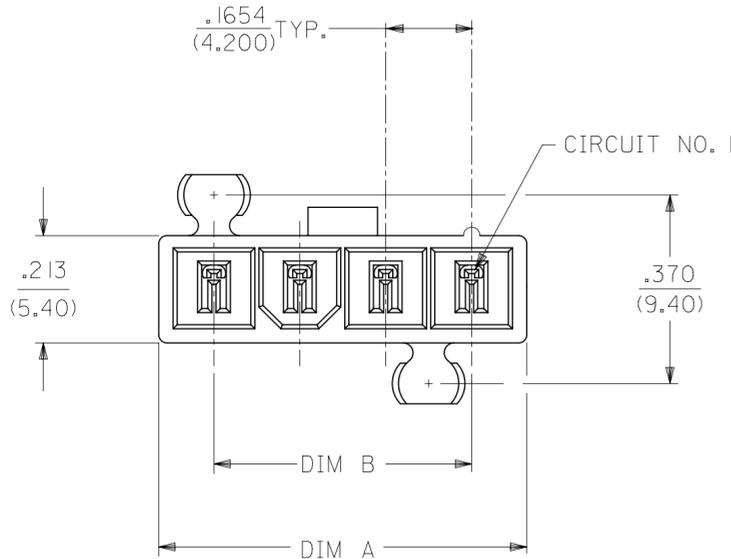
LOCK OPTION

POSITIVE LOCK

PASSIVE LOCK



2 CIRCUIT



CKT SIZE	DIM A	DIM B
2	.378 (9.60)	.165 (4.20)
4	.709 (18.00)	.496 (12.60)
5	.874 (22.20)	.661 (16.80)
6	1.039 (26.40)	.827 (21.00)
7	1.205 (30.60)	.992 (25.20)
8	1.370 (34.80)	1.157 (29.40)
9	1.535 (39.00)	1.323 (33.60)
10	1.701 (43.20)	1.488 (37.80)
11	1.866 (47.40)	1.654 (42.00)
12	2.031 (51.60)	1.819 (46.20)

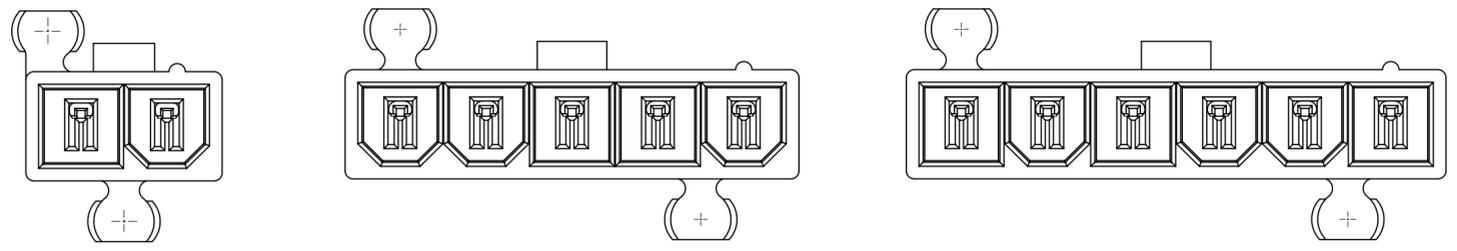
LEGEND:

- 5566 - N A * * - *
- CIRCUIT SIZE (04-12)
- PEG AND LOCK OPTION
3=MTG. PEGS, POSITIVE LOCK
4=MTG. PEGS, PASSIVE LOCK
15=MTG. PRESS FIT PEGS, POSITIVE LOCK
- PLATING (SEE NOTE 2)
- HOUSING MAT'L (SEE NOTE 1)

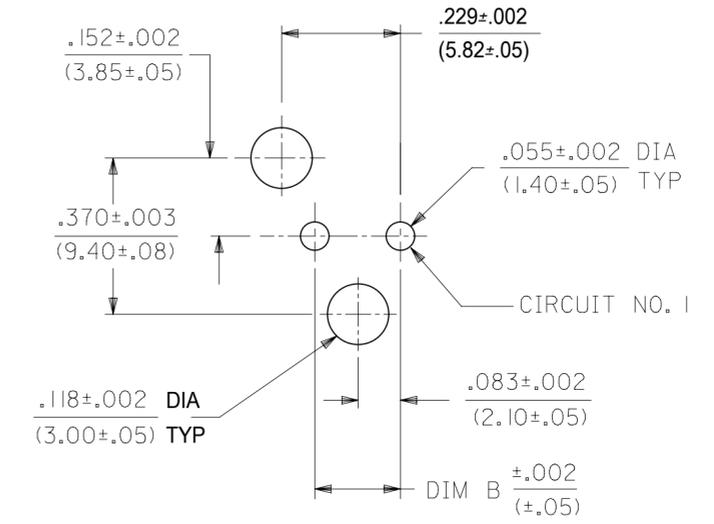
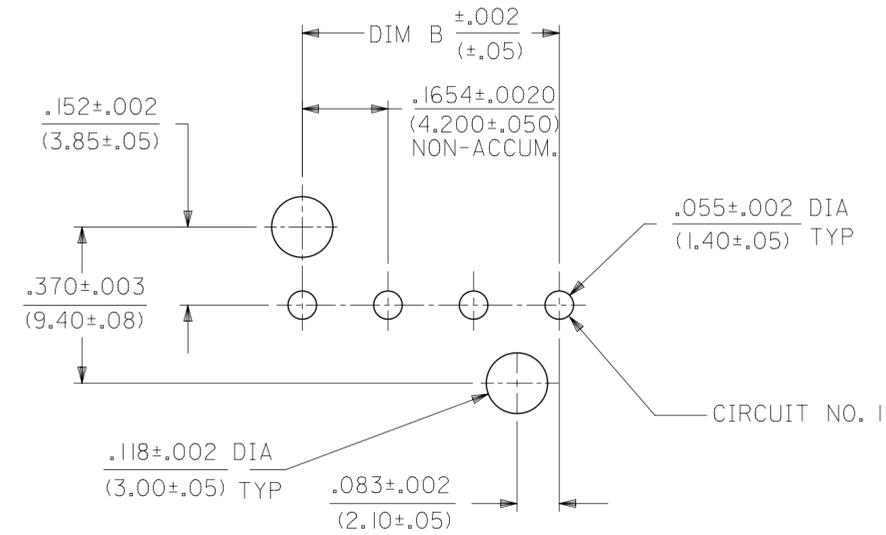
THIS DRAWING REPLACES SDA-5566-NL*

SYMBOLS DIMENSION UNITS SCALE CURRENT REV DESC: MIGRATED	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	IN/MM 4:1		
GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 600618 DRWN: JBAUMERT CHK'D: DSTEIER APPR: FSMITH	2018/07/30 2018/12/07 2019/01/03	VERT HDR ASSY W/ PEGS MINIFIT JR SR PRODUCT CUSTOMER DRAWING
4 PLACES ± 3 PLACES ± 0.015 2 PLACES ± 0.38 ± 0.02 1 PLACE ± 0.5 ±	INITIAL REVISION: DRWN: KSS APPR: FSMITH	1989/02/19 2012/05/06	
0 PLACES ± ANGULAR TOL ± 0.5 °	THIRD ANGLE PROJECTION DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SERIES C-SIZE 5566	DOC TYPE DOC PART REVISION PSD 000 A
MATERIAL NUMBER CUSTOMER SHEET NUMBER	SEE TABLE	SEE TABLE	1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2019/01/03	18:50:31
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POLARIZATION



SYMBOLS	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: MIGRATED							
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▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)											
▽ = 0			MM	INCH	EC NO: 600618		2018/07/30		DOC TYPE	DOC PART	REVISION	
▽ = 0	4 PLACES ±		±	±	DRWN: JBAUMERT		2018/12/07		55660001-SD	PSD	000	A
▽ = 0	3 PLACES ±		± 0.015	±	CHK'D: DSTEIER		2019/01/03					
▽ = 0	2 PLACES ±		0.38	± 0.02	APPR: FSMITH				SEE TABLE			2 OF 3
▽ = 0	1 PLACE ±		0.5	±	INITIAL REVISION:							
▽ = 0	0 PLACES ±		±	±	DRWN: KSS		1989/02/19		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
▽ = 0	ANGULAR TOL ± 0.5 °		± 0.5 °	±	APPR: FSMITH		2012/05/06					
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION	DRAWING	SERIES					
▽ = 0						C-SIZE	5566					

POSITIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
39-30-1049	5566-04A3	4	TIN OVER COPPER
39-30-1059	5566-05A3	5	TIN OVER COPPER
46999-0669	5566-02A3GS	2	30 M.I. SELECT GOLD
39-30-2041	5566-04A3GS	4	30 M.I. SELECT GOLD
39-30-2051	5566-05A3GS	5	30 M.I. SELECT GOLD
39-30-2061	5566-06A3GS	6	30 M.I. SELECT GOLD
50-36-2453	5566-04A3S	4	BRIGHT TIN OVER NICKEL
50-36-2454	5566-05A3S	5	BRIGHT TIN OVER NICKEL
46999-0673	5566-02A3MS	2	MATTE TIN OVER NICKEL
46999-0610	5566-04A3MS	4	MATTE TIN OVER NICKEL
46999-0611	5566-05A3MS	5	MATTE TIN OVER NICKEL
46999-0674	5566-06A3MS	6	MATTE TIN OVER NICKEL

POSITIVE LOCK WITH PRESS FIT PEGS, 94V-0 LCP			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
46999-0679	5566-02A15GS-130	2	30 M.I. SELECT GOLD
46999-0681	5566-04A15GS-130	4	30 M.I. SELECT GOLD
46999-0682	5566-05A15GS-130	5	30 M.I. SELECT GOLD
46999-0683	5566-06A15GS-130	6	30 M.I. SELECT GOLD
46999-0684	5566-02A15MS-130	2	MATTE TIN OVER NICKEL
46999-0686	5566-04A15MS-130	4	MATTE TIN OVER NICKEL
46999-0687	5566-05A15MS-130	5	MATTE TIN OVER NICKEL
46999-0688	5566-06A15MS-130	6	MATTE TIN OVER NICKEL

PASSIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
NO E.D.P.	5566-04A4GS	4	30 M.I. SELECT GOLD
NO E.D.P.	5566-05A4GS	5	30 M.I. SELECT GOLD

PASSIVE LOCK WITH MTG. PEGS, 94V-0 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
NO E.D.P.	5566-04A4GS-210	4	30 M.I. SELECT GOLD
NO E.D.P.	5566-05A4GS-210	5	30 M.I. SELECT GOLD

POSITIVE LOCK WITH MTG. PEGS, 94V-2 BLACK HOUSING			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
50-29-1528	5566-04A3-BL	4	TIN OVER COPPER
50-29-1529	5566-05A3-BL	5	TIN OVER COPPER
26-01-3162	5566-04A3S-BL	4	BRIGHT TIN OVER NICKEL
26-01-3163	5566-05A3S-BL	5	BRIGHT TIN OVER NICKEL

POSITIVE LOCK WITH MTG. PEGS, 94V-0 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
39-30-2040	5566-04A3-210	4	TIN OVER COPPER
39-30-2050	5566-05A3-210	5	TIN OVER COPPER
46999-0670	5566-02A3GS-210	2	30 M.I. SELECT GOLD
39-30-2042	5566-04A3GS-210	4	30 M.I. SELECT GOLD
39-30-2052	5566-05A3GS-210	5	30 M.I. SELECT GOLD
39-30-2062	5566-06A3GS-210	6	30 M.I. SELECT GOLD
50-36-2356	5566-04A3S-210	BRIGHT TIN OVER NICKEL	
50-36-2452	5566-05A3S-210	BRIGHT TIN OVER NICKEL	
46999-0675	5566-02A3MS-210	2	MATTE TIN OVER NICKEL
46999-0627	5566-04A3MS-210	4	MATTE TIN OVER NICKEL
46999-0628	5566-05A3MS-210	5	MATTE TIN OVER NICKEL
46999-0676	5566-06A3MS-210	6	MATTE TIN OVER NICKEL

POSITIVE LOCK WITH MTG. PEGS, 94V-0 BLACK HOUSING			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
46999-0671	5566-02A3GS-400	2	30 M.I. SELECT GOLD
46999-0506	5566-04A3GS-400	4	30 M.I. SELECT GOLD
46999-0507	5566-05A3GS-400	5	30 M.I. SELECT GOLD
46999-0672	5566-06A3GS-400	6	30 M.I. SELECT GOLD
46999-0677	5566-02A3MS-400	2	MATTE TIN OVER NICKEL
46999-0577	5566-04A3MS-400	4	MATTE TIN OVER NICKEL
46999-0578	5566-05A3MS-400	5	MATTE TIN OVER NICKEL
46999-0678	5566-06A3MS-400	6	MATTE TIN OVER NICKEL

POSITIVE LOCK WITH MTG. PEGS, 94V-0 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
39-30-2040	5566-04A3-210	4	TIN OVER COPPER
39-30-2050	5566-05A3-210	5	TIN OVER COPPER
46999-0670	5566-02A3GS-210	2	30 M.I. SELECT GOLD
39-30-2042	5566-04A3GS-210	4	30 M.I. SELECT GOLD
39-30-2052	5566-05A3GS-210	5	30 M.I. SELECT GOLD
39-30-2062	5566-06A3GS-210	6	30 M.I. SELECT GOLD
50-36-2356	5566-04A3S-210	BRIGHT TIN OVER NICKEL	
50-36-2452	5566-05A3S-210	BRIGHT TIN OVER NICKEL	
46999-0675	5566-02A3MS-210	2	MATTE TIN OVER NICKEL
46999-0627	5566-04A3MS-210	4	MATTE TIN OVER NICKEL
46999-0628	5566-05A3MS-210	5	MATTE TIN OVER NICKEL
46999-0676	5566-06A3MS-210	6	MATTE TIN OVER NICKEL

SYMBOLS = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	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: MIGRATED									
	IN/MM		1:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 600618 DRWN: JBAUMERT 2018/07/30 CHK'D: DSTEIER 2018/12/07 APPR: FSMITH 2019/01/03						VERT HDR ASSY W/ PEGS MINIFIT JR SR			
	4 PLACES ±		MM											
	3 PLACES ±		0.38		0.02		INITIAL REVISION:		DOCUMENT NUMBER: 55660001-SD DOC TYPE: PSD DOC PART: 000 REVISION: A					
	2 PLACES ±		0.5		0		DRWN: KSS 1989/02/19							
	1 PLACE ±		0.5		0		APPR: FSMITH 2012/05/06		MATERIAL NUMBER: SEE TABLE CUSTOMER: SHEET NUMBER: 3 OF 3					
	0 PLACES ±		0.5 °		0		THIRD ANGLE PROJECTION							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRAWING: C-SIZE		SERIES: 5566							

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