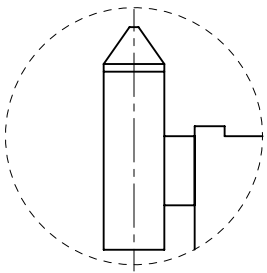


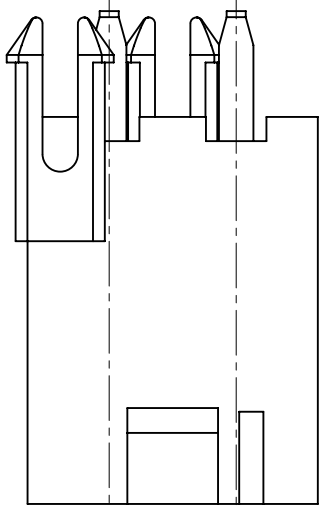
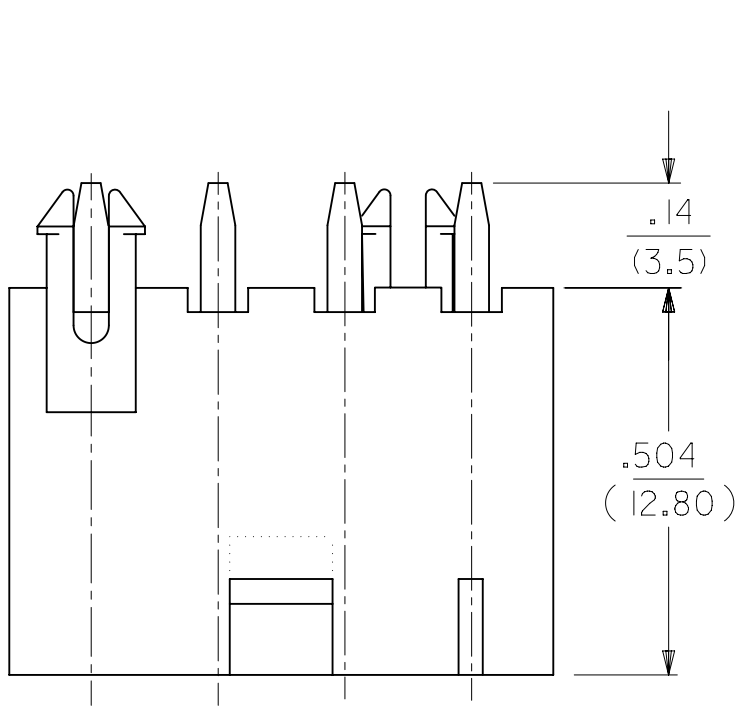
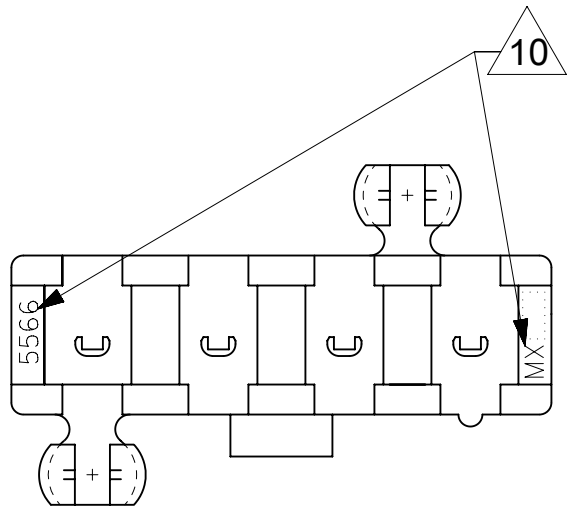
NOTES:
1. MATERIALS:
HOUSING:
"BLANK"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
"210"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
"BL"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: BLACK
"400"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: BLACK
TERMINALS:
BRASS
2. TERMINAL PLATING:
"BLANK"=.000035/(0.00090) MIN. REFLOWED 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
46994, MINI FIT SIGMA/TPA2 NO.200453.
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.

10. TEXT SHOWN IS FOR REFERENCE ONLY. TEXT AND
TEXT LOCATION MAY VARY DEPENDING ON
PART NUMBER AND/OR TOOL



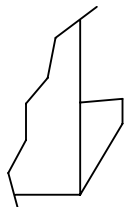
PEG DESIGN B
SEE NOTE 9

PEG DESIGN A
SEE NOTE 9

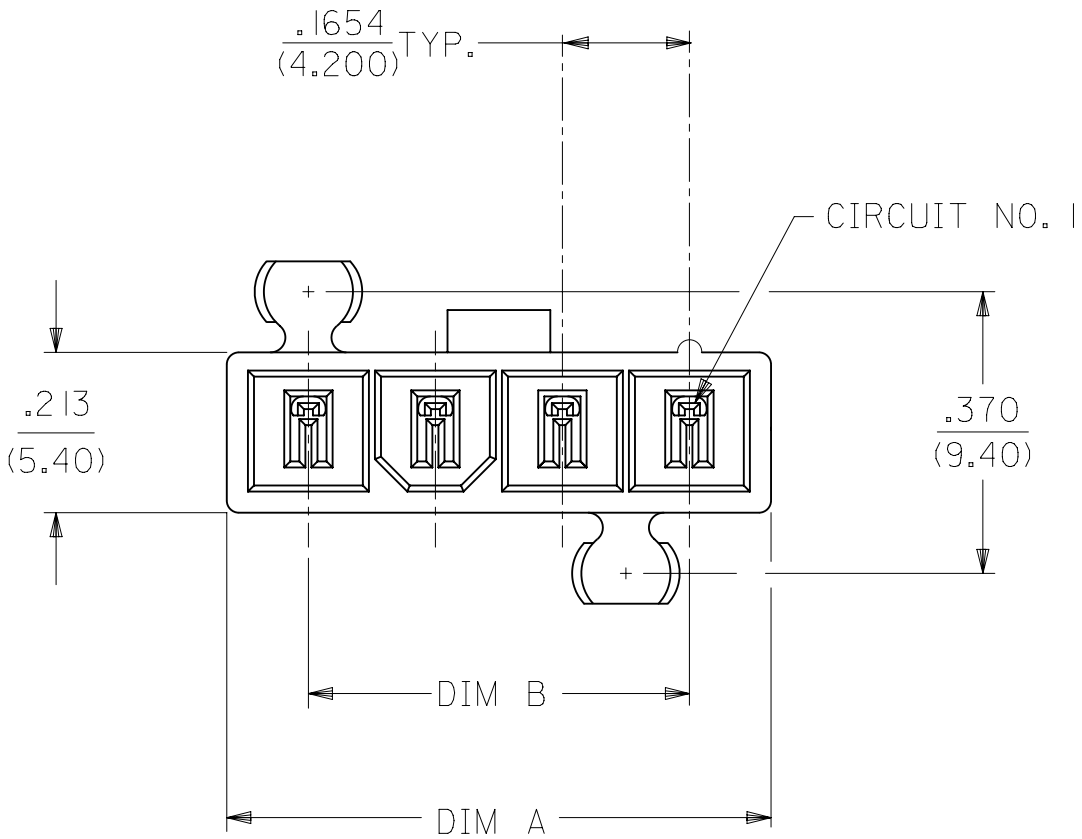
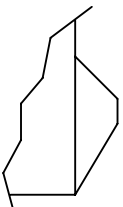


2 CIRCUIT

POSITIVE LOCK



PASSIVE LOCK



LEGEND:

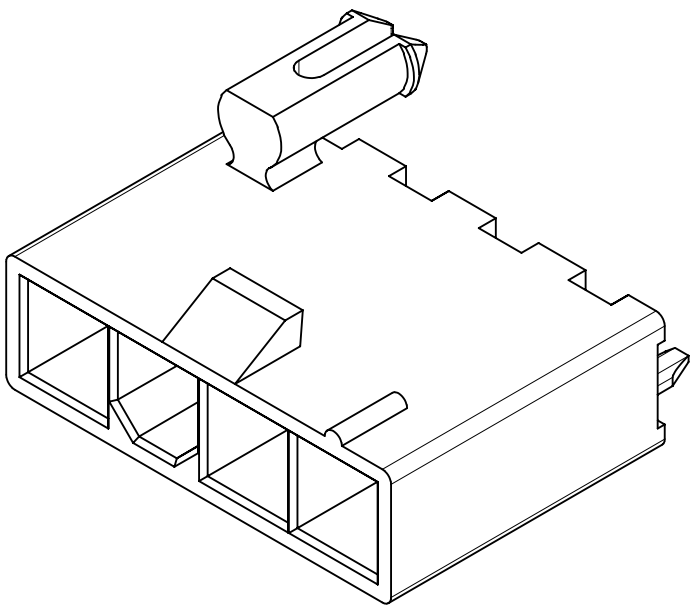
5566 - N A * * - *

CIRCUIT SIZE (04-12)

PEG AND LOCK OPTION
3=MTG. PEGS, POSITIVE LOCK
4=MTG. PEGS, PASSIVE LOCK

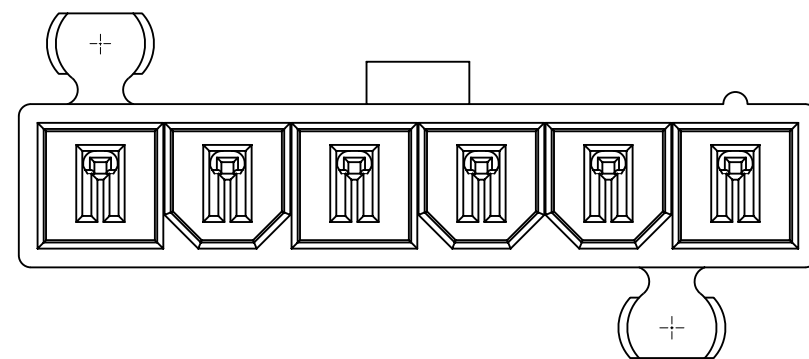
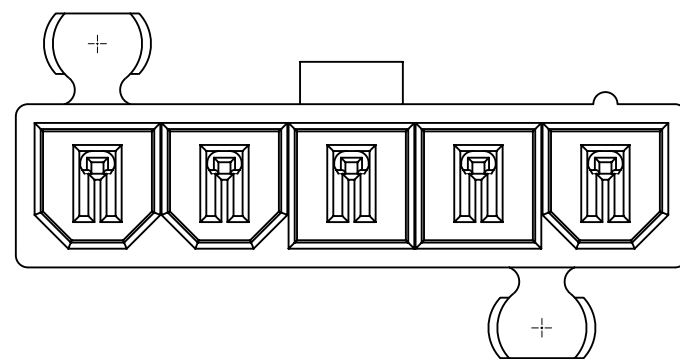
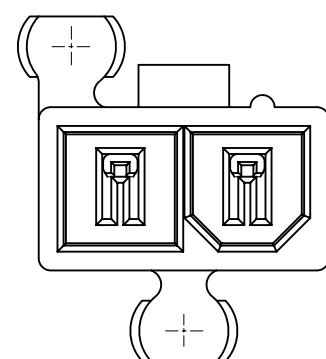
PLATING
(SEE NOTE 2)

HOUSING MAT'L
(SEE NOTE 1)

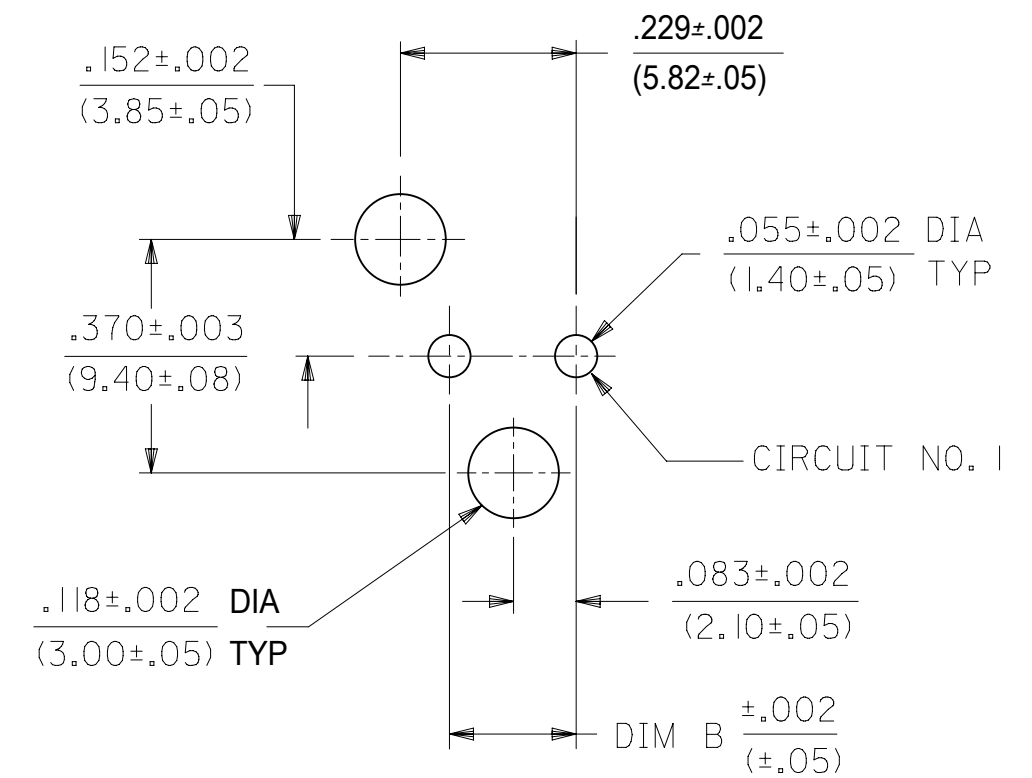
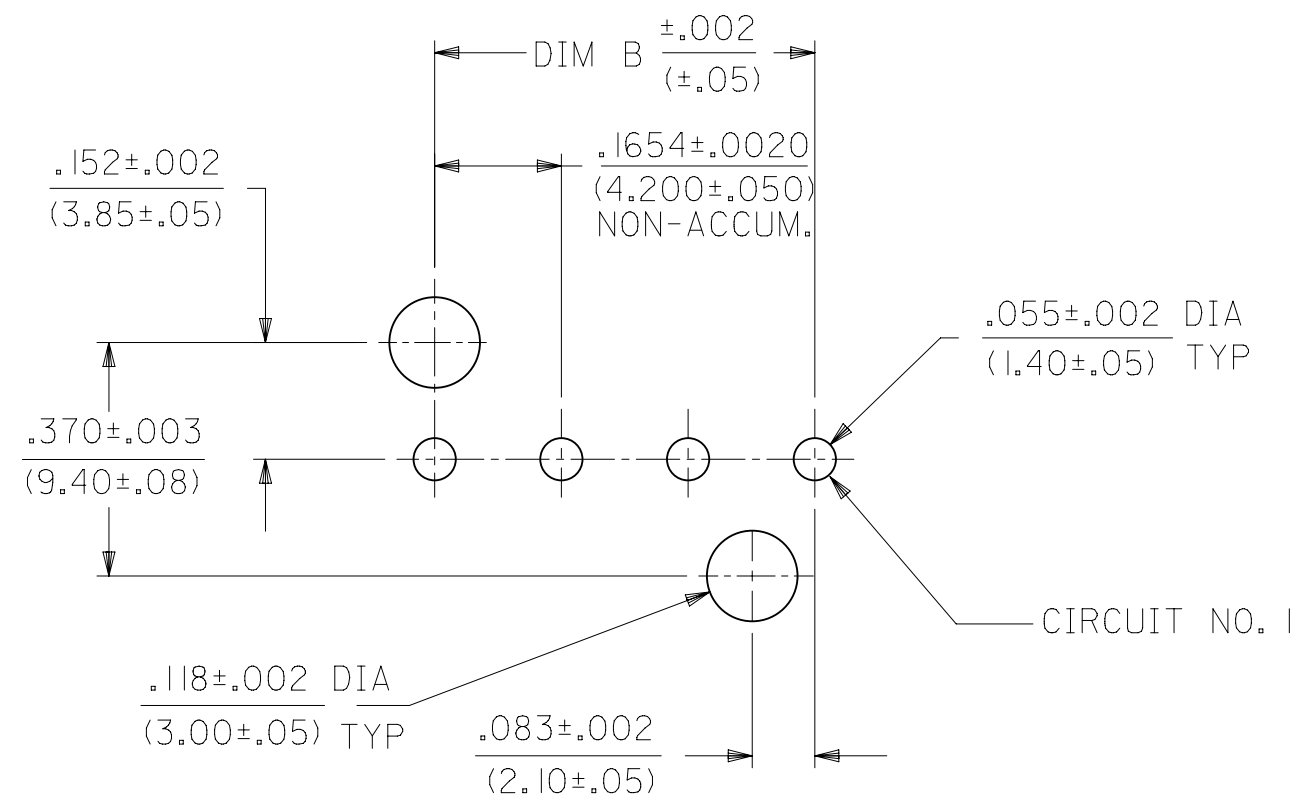


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex		
	IN/MM		4:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 806008 DRWN: JERRYW8 CHK'D: XQZHANG APPR: XQZHANG			VERT HDR ASSY W/ PEGS MINIFIT JR SR		
	MM		INCH							
	4 PLACES ±		±		2024/11/27					
	3 PLACES ±		± 0.015		2024/12/09					
	2 PLACES ± 0.38		± 0.02		2024/12/09					
	1 PLACE ± 0.5		±		INITIAL REVISION:					
	0 PLACES ±		±							
	ANGULAR TOL ± 0.5 °		1989/02/19			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
			C-SIZE	5566	SEE TABLE		GENERAL MARKET		1 OF 3	

DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09	01:53:09
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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:				molex							
		IN/MM		4:1													
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 806008 DRWN: JERRYW8 2024/11/27 CHK'D: XQZHANG 2024/12/09 APPR: XQZHANG 2024/12/09				VERT HDR ASSY W/ PEGS MINIFIT JR SR							
= 0																	
= 0				MM		INCH		INITIAL REVISION: DRWN: KSS 1989/02/19 APPR: FSMITH 2012/05/06				PRODUCT CUSTOMER DRAWING					
= 0		4 PLACES ±		±													
= 0		3 PLACES ±		±		0.015		DOCUMENT NUMBER 55660001-SD				DOC TYPE PSD		DOC PART 000		REVISION B1	
= 0		2 PLACES ±		0.38 ±		0.02 ±											
= 0		1 PLACE ±		0.5 ±		±		MATERIAL NUMBER SEE TABLE				CUSTOMER GENERAL MARKET				SHEET NUMBER 2 OF 3	
= 0		0 PLACES ±		±													
= 0		ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 5566							
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															
= 0																	
= 0																	

POSITIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL								PASSIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL								
PART NO	ENG NO	CKT SIZE	PLATING OPTION					PART NO	ENG NO	CKT SIZE	PLATING OPTION					
39-30-1049	5566-04A3	4	TIN OVER COPPER					NO E.D.P.	5566-04A4GS	4	30 M.I. SELECT GOLD					
39-30-1059	5566-05A3	5	TIN OVER COPPER					NO E.D.P.	5566-05A4GS	5	30 M.I. SELECT GOLD					
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 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	4	BRIGHT TIN OVER NICKEL													
50-36-2452	5566-05A3S-210	5	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													
DOCUMENT STATUS				P1	RELEASE DATE		2024/12/09	01:53:09								

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:										mo VERT HDR ASSY W/ PEGS MINIFIT JR SR							
	IN/MM		1:1																			
	GENERAL TOLERANCES (UNLESS SPECIFIED)																					
			MM	INCH	EC NO: 806008 DRWN: JERRYW8 2024/11/27 CHK'D: XQZHANG 2024/12/09 APPR: XQZHANG 2024/12/09										PRODUCT CUSTOMER DRAWING							
	4 PLACES		±	±																		
	3 PLACES		±	± 0.015																		
	2 PLACES		± 0.38	± 0.02																		
			1 PLACE	± 0.5	±	INITIAL REVISION:										DOCUMENT NUMBER 55660001-SD				DOC TYPE PSD	DOC PART 000	REVISION B1
			0 PLACES	±	±																	
		ANGULAR TOL ± 0.5 °		THIRD ANGLE PROJECTION										DRAWING C-SIZE	SERIES 5566	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 3		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																				