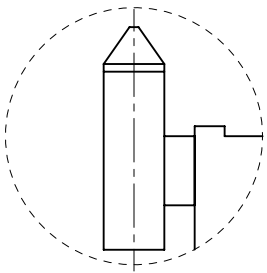


- NOTES:
1. MATERIALS:
- HOUSING:
- "BLANK"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
- "210"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
- "BL"=NYLON 6/6, UNFILLED UL94 V-2, COLOR: BLACK
- "400"=NYLON 6/6, UNFILLED UL94 V-0, COLOR: BLACK
- TERMINALS:
- BRASS
2. TERMINAL PLATING:
- "BLANK"=.000035/(0.00090) 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

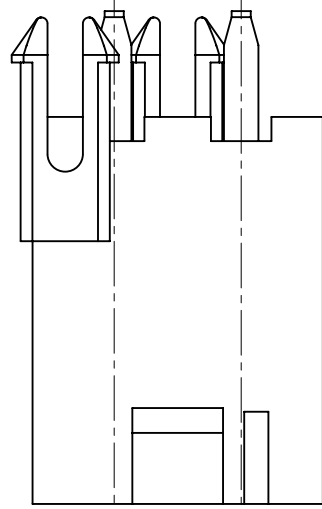
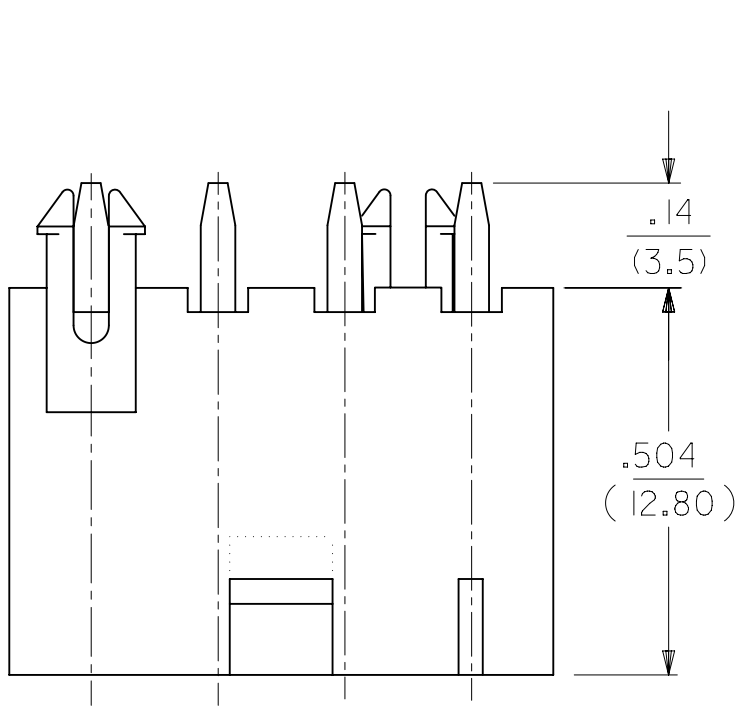
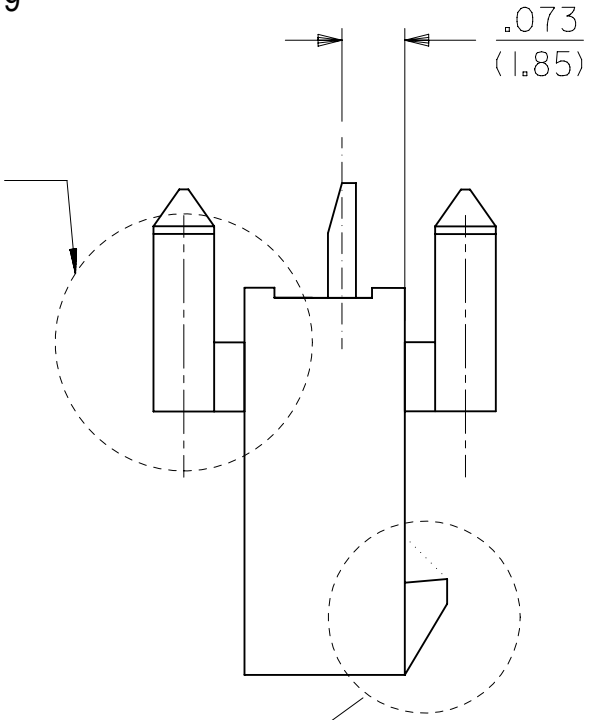
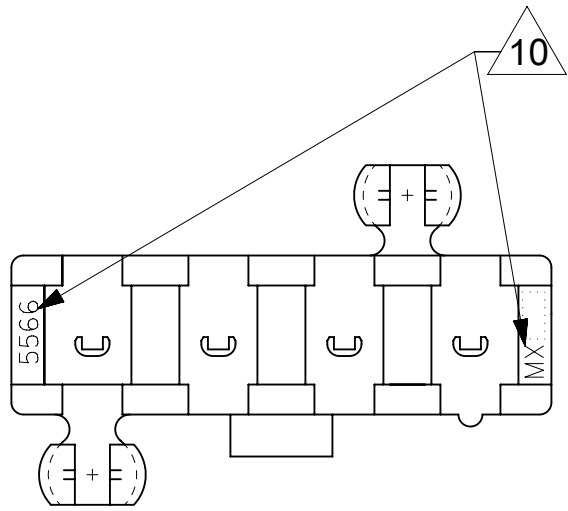
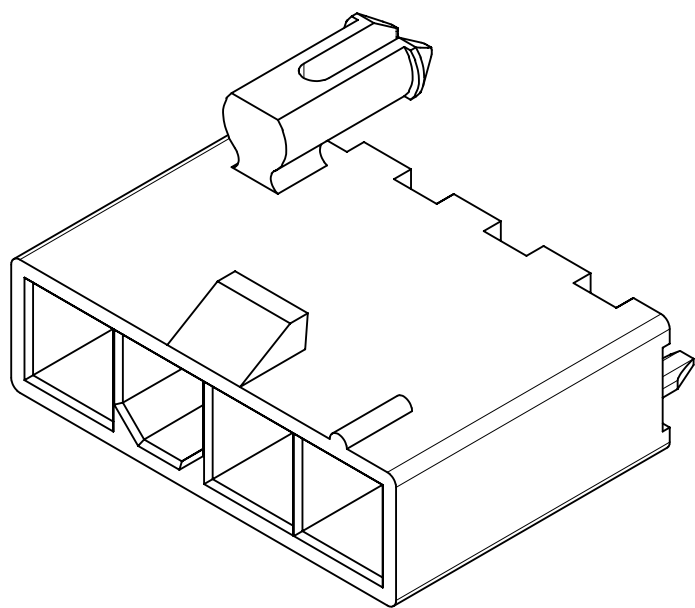


PEG DESIGN B
SEE NOTE 9

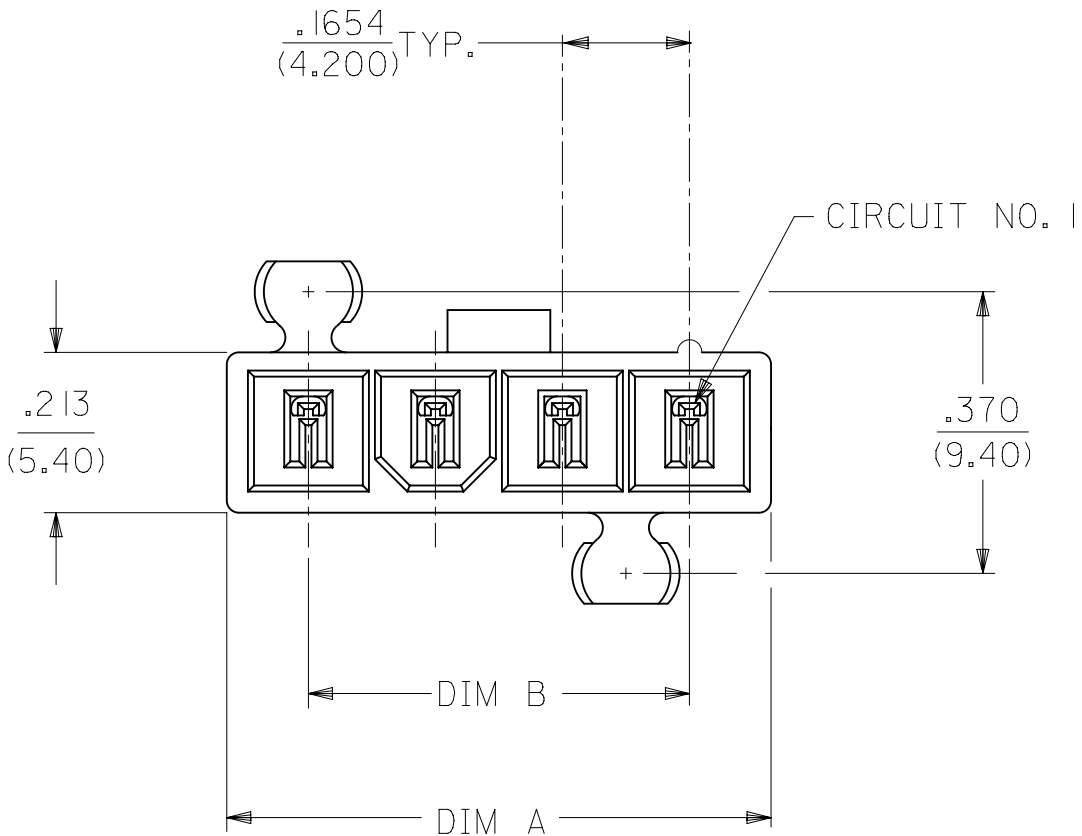
PEG DESIGN A
SEE NOTE 9

POSITIVE LOCK

PASSIVE LOCK



2 CIRCUIT



LEGEND:

5566 - N A * * - *

CIRCUIT SIZE (04-12)

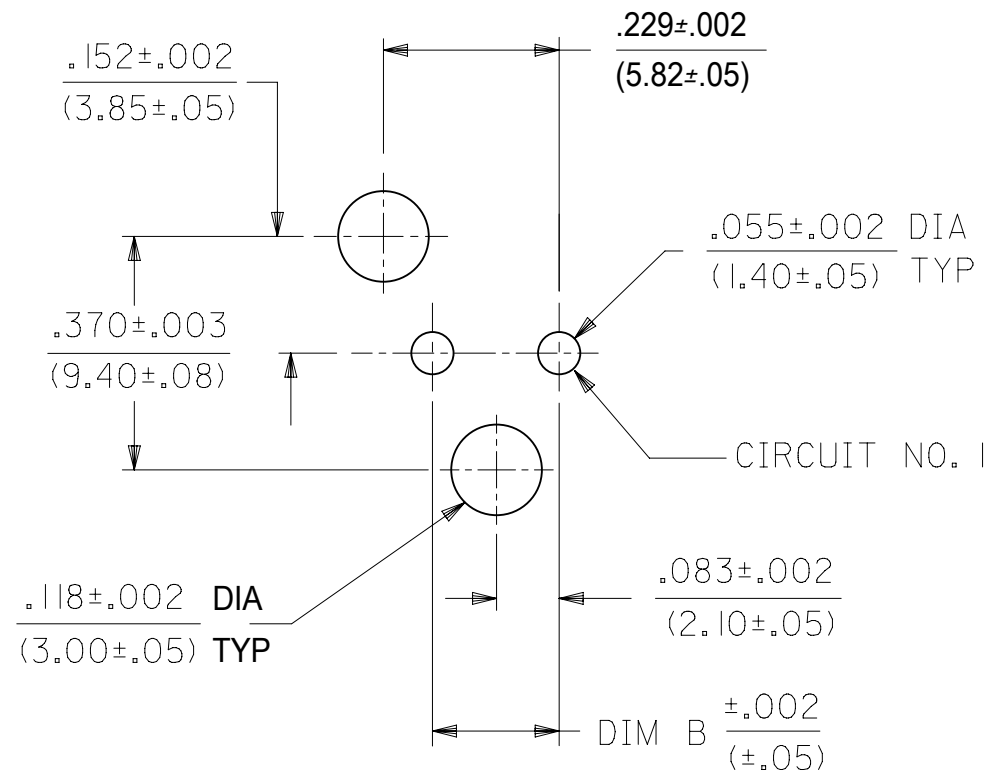
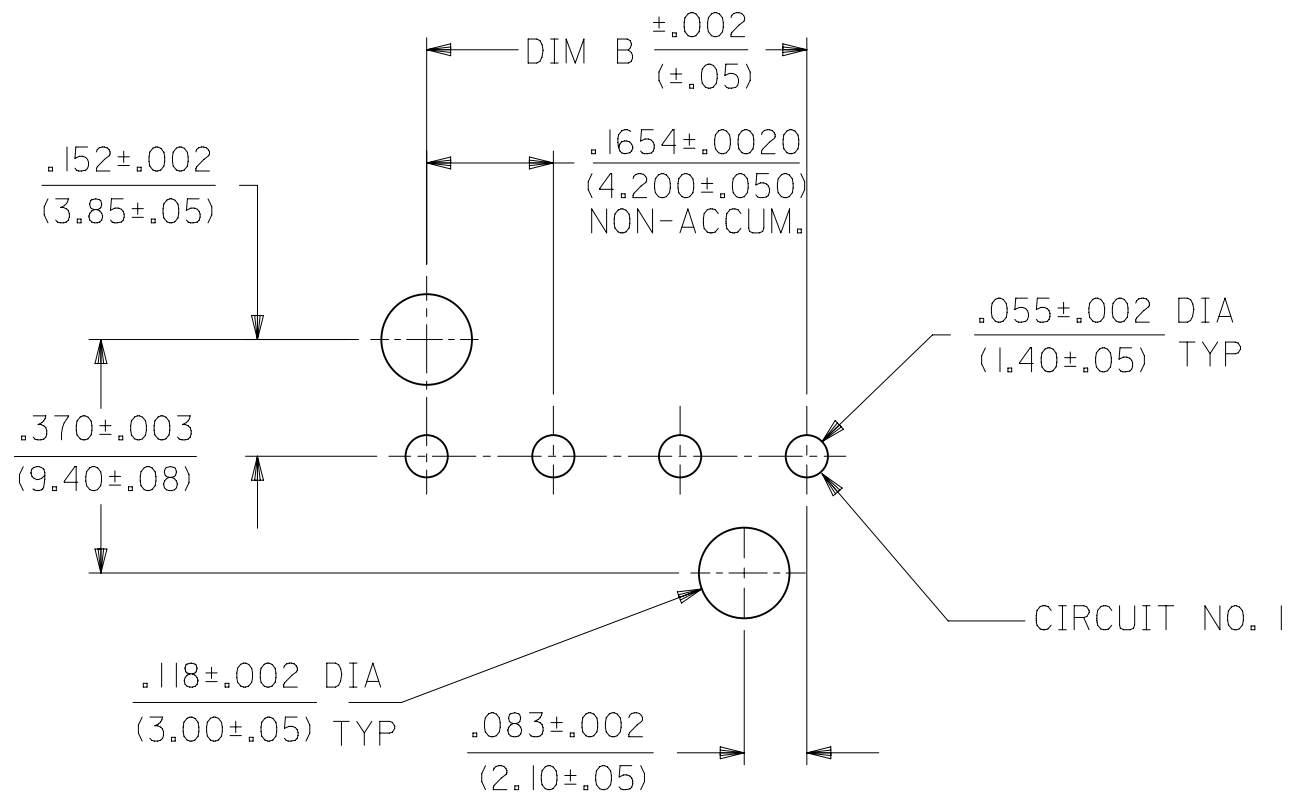
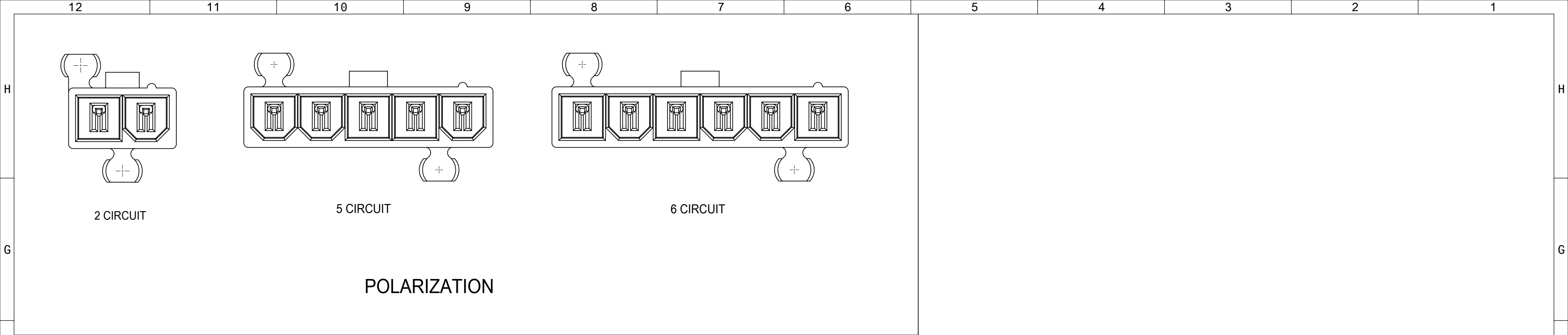
PEG AND LOCK OPTION
3=MTG. PEGS, POSITIVE LOCK
4=MTG. PEGS, PASSIVE LOCK

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 2024/11/27 CHK'D: XQZHANG 2024/12/09 APPR: XQZHANG 2024/12/09			VERT HDR ASSY W/ PEGS MINIFIT JR SR		
	MM		INCH							
	4 PLACES		±		INITIAL REVISION: DRWN: KSS 1989/02/19 APPR: FSMITH 2012/05/06			PRODUCT CUSTOMER DRAWING		
	3 PLACES		± 0.015							
	2 PLACES		± 0.38 ± 0.02		DOCUMENT NUMBER 55660001-SD			DOC TYPE PSD	DOC PART 000	REVISION B1
	1 PLACE		± 0.5 ±							
	0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NUMBER 1 OF 3		
	ANGULAR TOL		± 0.5 °							
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		
		C-SIZE		5566		SEE TABLE		GENERAL MARKET		

DOCUMENT STATUS	P1	RELEASE DATE	2024/12/09	01:53:09
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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:				VERT HDR ASSY W/ PEGS MINIFIT JR SR								
	IN/MM		4:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)																
	MM		INCH														
	4 PLACES		±		±	EC NO: 806008				PRODUCT CUSTOMER DRAWING							
	3 PLACES		±		± 0.015	DRWN: JERRYVW8 2024/11/27											
	2 PLACES		± 0.38	± 0.02	CHK'D: XQZHANG 2024/12/09												
	1 PLACE		± 0.5	±	APPR: XQZHANG 2024/12/09												
	0 PLACES		±		±	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	ANGULAR TOL		± 0.5 °	DRWN: KSS 1989/02/19				55660001-SD				PSD		000		B1	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						C-SIZE		5566		SEE TABLE		GENERAL MARKET		2 OF 3			

molex

VERT HDR ASSY W/ PEGS MINIFIT JR SR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
55660001-SD			PSD	000	B1

MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
SEE TABLE		GENERAL MARKET		2 OF 3	

	12	11	10	9	8	7	6	5	4	3	2	1			
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											
	12	11	10	9	8	7	6	5	4	3	2	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:						mo lex				
	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 ±	INITIAL REVISION: DRWN: KSS 1989/02/19 APPR: FSMITH 2012/05/06						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	1 PLACE ±		0.5 ±	55660001-SD							PSD	000	B1		
	0 PLACES ±		±	MATERIAL NUMBER							CUSTOMER		SHEET NUMBER		
ANGULAR TOL ± 0.5 °		THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE TABLE		GENERAL MARKET		3 OF 3					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE	5566										