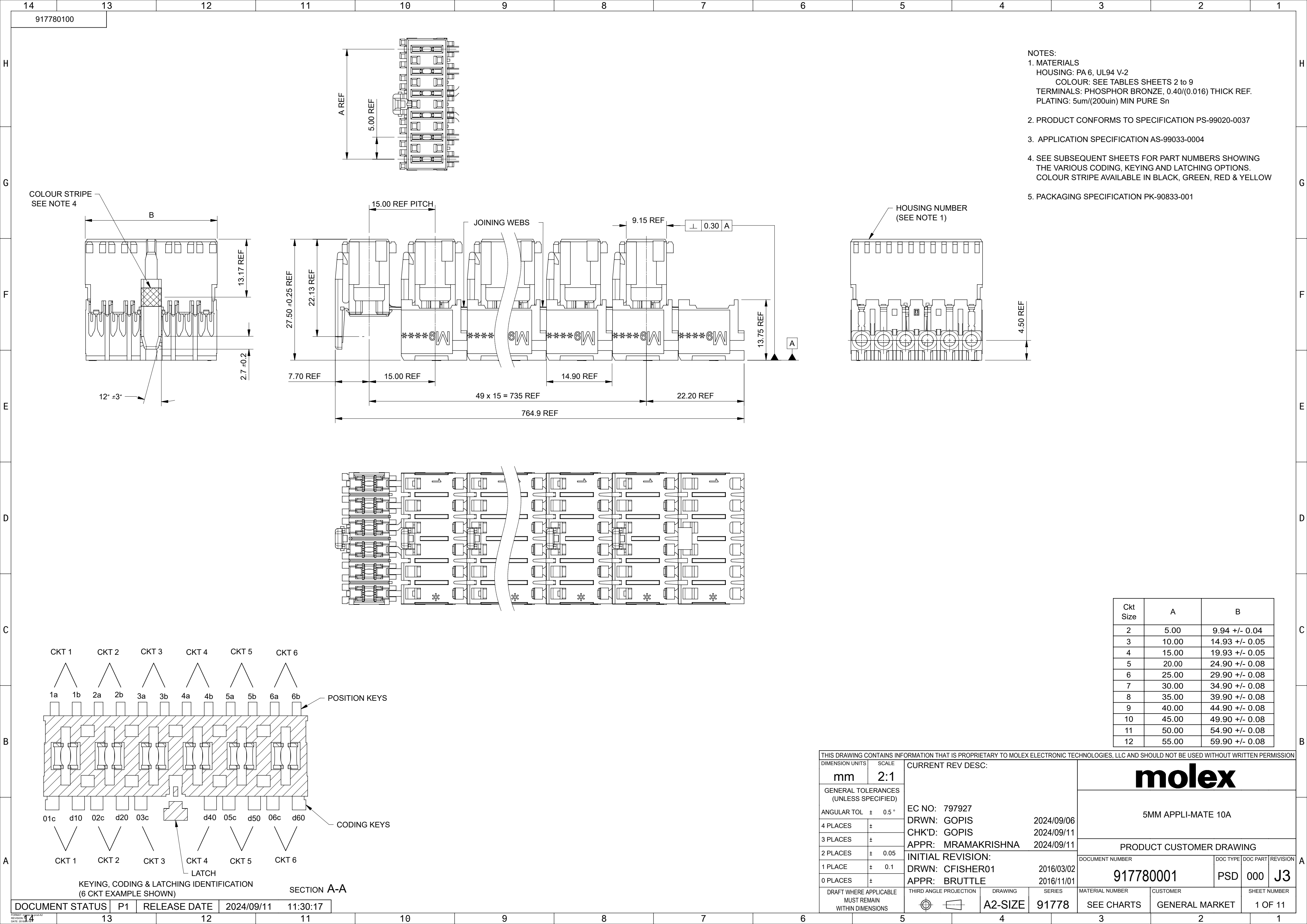




2 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATI ON	COLOUR STRIP	REF	RIBS
91778-0001	91778-9021	NATURAL	1a 1b 2a 2b	01c d20	1/2a		NONE	K00	NONE
91778-0002	91778-9021	NATURAL	1b 2a	01c d20	1/2a		NONE	K01	NONE
91778-0003	91778-9021	NATURAL	1a 2b	01c	1/2a		NONE	K02	NONE
91778-0004	91778-9021	NATURAL	2a	01c d20	1/2a		NONE	K03	NONE
91778-0005	91778-9021	NATURAL	1a 2b	d20	1/2a		NONE	K05	NONE
91778-0006	91778-9021	NATURAL	1b 2b	01c	1/2a		NONE	K09	NONE
91778-0007	91778-9021	NATURAL	1a 2a	01c	1/2a		NONE	K10	NONE
91778-0008	91778-9021	NATURAL	2b	01c d20	1/2a		NONE	K15	NONE
91778-0009	91778-9021	NATURAL	1a 1b	01c d20	1/2a		NONE	K47	NONE
91778-0010	91778-9021	NATURAL	2b	NONE	1/2a		NONE	K11	NONE
91778-0011	91778-9021	NATURAL	1a 1b	01c	1/2a		NONE	K04	NONE
91778-0012	91778-9021	NATURAL	1a	01c d20	1/2a		NONE	K12	NONE
91778-0013	91778-9021	NATURAL	1b 2a	01c	1/2a		NONE	K14	NONE
91778-0014	91778-9021	NATURAL	1a 1b 2a 2b	01c	1/2a		NONE	K33	NONE
91778-0016	91778-9021	NATURAL	1b	01c d20	1/2a		NONE	K16	NONE
91778-0017	91778-9021	NATURAL	1a 2b	NONE	1/2a		NONE	K06	NONE
91778-0018	91778-9021	NATURAL	2b	d20	1/2a		NONE	K38	NONE
91778-0019	91778-9021	NATURAL	1a 2a	01c d20	1/2a		NONE	K44	NONE
91778-0020	91778-9021	NATURAL	1b 2a 2b	d20	1/2a		NONE	K07	NONE
91778-0021	91778-9021	NATURAL	1a 1b 2a 2b	d20	1/2a		NONE	K34	NONE
91778-0022	91778-9021	NATURAL	1a 1b 2a 2b	01c d20	1/2a		BLACK	K00	NONE
91778-0023	91778-9021	NATURAL	NONE	01c d20	1/2a		RED	K54	NONE
91778-0024	91778-9025	NATURAL	1b 2a	01c	1/2c		NONE	K33	CKT 2
91778-0025	91778-9022	BLACK	1a 1b 2a 2b	d20	1/2a		NONE	K34	NONE
91778-0026	91778-9025	NATURAL	1b	01c d20	1/2c		NONE	K--	CKT 2
91778-0027	91778-9025	NATURAL	1a 1b 2a 2b	01c d20	1/2c		NONE	K--	CKT 2

2 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0028	91778-9024	NATURAL	NONE	01c	1/2b		NONE	K--	NONE
91778-0029	91778-9024	NATURAL	1a 2b	NONE	1/2b		NONE	K--	NONE
91778-0030	91778-9021	NATURAL	2a	01c	1/2a		NONE	K--	NONE
91778-0032	91778-9021	NATURAL	1a	NONE	1/2a		NONE	K--	NONE
91778-0033	91778-9021	NATURAL	1a 2b	NONE	1/2a		GREEN	K06	NONE
91778-0034	91778-9021	NATURAL	1a 2b	01c d20	1/2a		NONE	K48	NONE
91778-0038	91778-9024	NATURAL	2b	01c	1/2b		NONE	K--	NONE
91778-0039	91778-9021	NATURAL	1b	NONE	1/2a		NONE	K--	NONE
91778-0040	91778-9021	NATURAL	1b	d20	1/2a		RED	K--	NONE
91778-0042	91778-9021	NATURAL	NONE	NONE	1/2a		NONE	K--	NONE
91778-0043	91778-9024	NATURAL	2b	NONE	1/2b		NONE	K--	NONE
91778-0044	91778-9021	NATURAL	1a 1b 2a 2b	NONE	1/2a		NONE	K--	NONE
91778-0045	91778-9021	NATURAL	1b 2b	01c	1/2a		BLACK	K09	NONE
91778-0046	91778-9021	NATURAL	2b	d20	1/2a		RED	K38	NONE
91778-0047	91778-9021	NATURAL	1a 1b	d20	1/2a		NONE	K13	NONE
91778-0048	91778-9021	NATURAL	NONE	01c d20	1/2a		NONE	K54	NONE
91778-0049	91778-9021	NATURAL	1b	d20	1/2a		NONE	K--	NONE
91778-0050	91778-9021	NATURAL	1a 1b 2b	NONE	1/2a		RED	K43	NONE
91778-0051	91778-9021	NATURAL	1a 2a	01c	1/2a		RED	K10	NONE
91778-0052	91778-9021	NATURAL	2a	01c d20	1/2a		RED	K03	NONE

KEYING, CODING & LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN MATING DIRECTION

LATCH OPTION (a)
STANDARD LATCH

LATCH OPTION (c)
SHORT STANDARD LATCH

LATCH OPTION (b)

SLOT IS OPTIONAL FOR SHORT STANDARD LATCH

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:
mm	1:1	
GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	± 0.5°	
4 PLACES	±	
3 PLACES	±	
2 PLACES	± 0.05	
1 PLACE	± 0.1	
0 PLACES	±	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING A2-SIZE

EC NO: 797927
DRWN: GOPIS
CHK'D: GOPIS
APPR: MRAMAKRISHNA

2024/09/06
2024/09/11
2024/09/11

INITIAL REVISION:
DRWN: CFISHER01
APPR: BRUTTLE

2016/03/02
2016/11/01

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
917780001	PSD	000	J3

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHARTS	GENERAL MARKET	2 OF 11

DOCUMENT STATUS

P1

RELEASE DATE

2024/09/11 11:30:17

4

13

12

11

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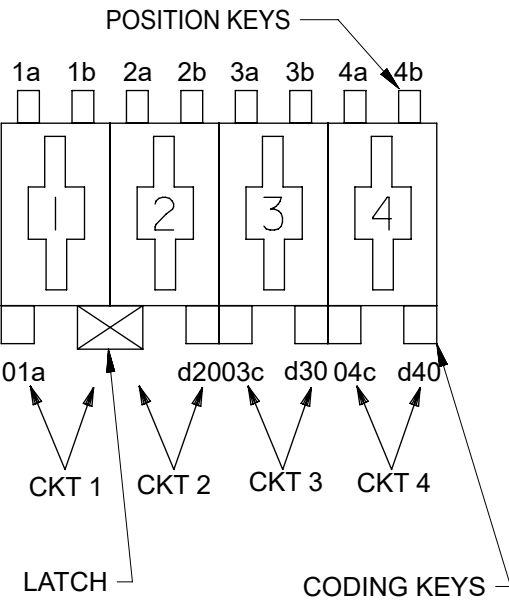
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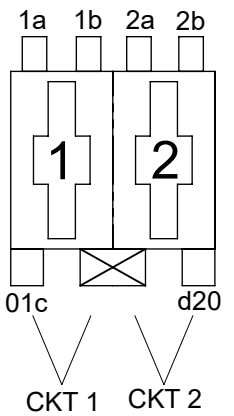
2 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0054	91778-9024	NATURAL	NONE	NONE	1/2b		NONE	K--	NONE
91778-0055	91778-9024	NATURAL	1a 2b	01c d20	1/2b		NONE	K--	NONE
91778-0056	91778-9021	NATURAL	1b 2b	01c d20	1/2a		NONE	K--	NONE
91778-0057	91778-9021	NATURAL	2a 2b	NONE	1/2a		NONE	K--	NONE
91778-0060	91778-9024	NATURAL	2b	01c d20	1/2b		NONE	K--	NONE
91778-0061	91778-9021	NATURAL	1a 1b 2b	d20	1/2a		NONE	K--	NONE

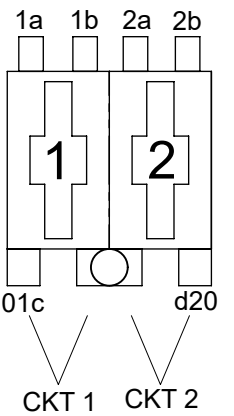
KEYING, CODING &
LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN
MATING DIRECTION



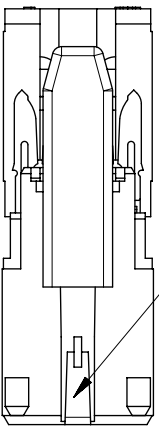
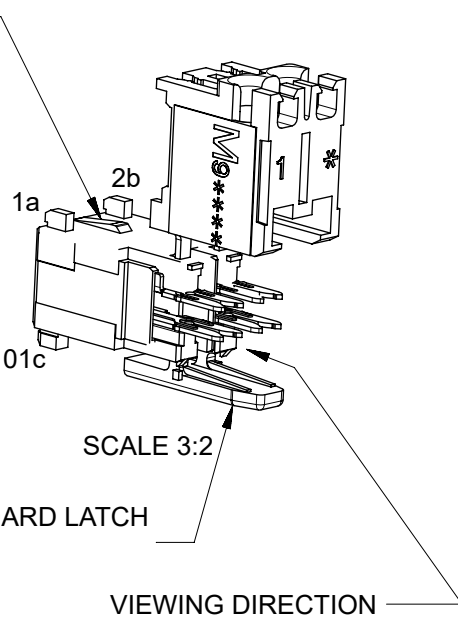
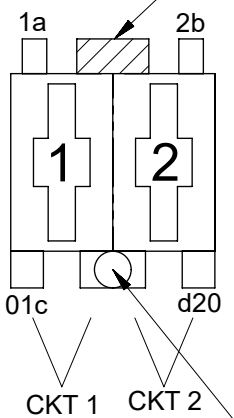
LATCH OPTION
(a)
STANDARD LATCH



LATCH OPTION
(C)
SHORT STANDARD LATCH



LATCH OPTION
(b)

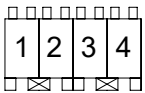
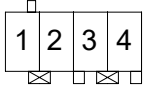
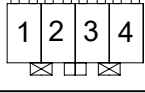
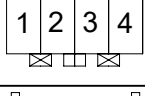
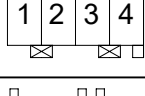
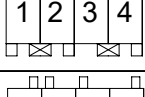
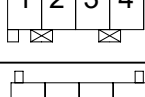
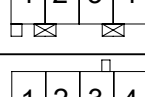
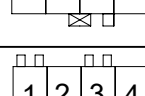
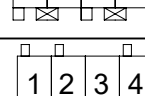
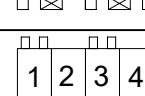
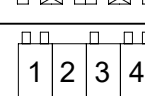
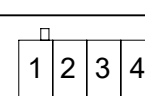
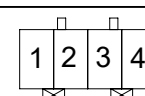
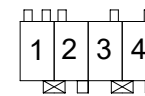
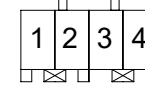
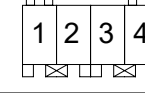
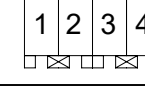
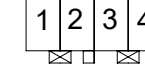


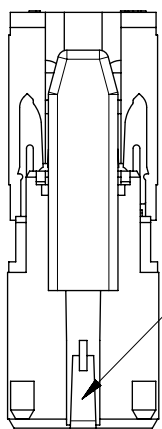
SLOT IS OPTIONAL FOR SHORT STANDARD LATCH

J3

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: EC NO: 797927 DRWN: GOPIS2024/09/06 CHK'D: GOPIS2024/09/11 APPR: MRAMAKRISHNA2024/09/11 INITIAL REVISION: DRWN: CFISHER012016/03/02 APPR: BRUTTLE2016/11/01				molex 5MM APPLI-MATE 10A									
mm		1:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 0.5 °								PRODUCT CUSTOMER DRAWING									
4 PLACES ±												DOCUMENT NUMBER 917780001					
3 PLACES ±				DOC TYPE PSD													
2 PLACES ± 0.05								DOC PART 000									
1 PLACE ± 0.1												REVISION J3					
0 PLACES ±				SHEET NUMBER 3 OF 11													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING						SERIES	
										A2-SIZE		91778		SEE CHARTS		GENERAL MARKET	

14	13	12	11	10	9	8	7	6	5	4	3	2	1
3 CIRCUIT													
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS				
91778-0101	91778-9031	NATURAL	1a 1b 2a 2b 3a 3b	01c d20 03c d30	1/2a		NONE	K00	NONE				
91778-0102	91778-9032	NATURAL	1a 1b 2a 2b 3a 3b	01c d20 02c d30	2/3a		NONE	K90	NONE				
91778-0103	91778-9031	NATURAL	1b	01c d20	1/2a		NONE	K01	NONE				
91778-0104	91778-9031	NATURAL	1a	03c	1/2a		NONE	K04	NONE				
91778-0105	91778-9031	NATURAL	1a 1b	d30	1/2a		NONE	K05	NONE				
91778-0106	91778-9031	NATURAL	1a 2a 2b	d30	1/2a		NONE	K33	NONE				
91778-0107	91778-9032	NATURAL	1a 1b 2a 2b 3a 3b	d10 d30	2/3a		NONE	K38	NONE				
91778-0108	91778-9031	NATURAL	1a 3a	01c	1/2a		NONE	K07	NONE				
91778-0109	91778-9031	NATURAL	1b 3a	01c	1/2a		NONE	K03	NONE				
91778-0110	91778-9032	NATURAL	2a	02c d30	2/3a		NONE	K57	NONE				
91778-0111	91778-9031	NATURAL	2b	d20	1/2a		NONE	K08	NONE				
91778-0112	91778-9031	NATURAL	1b	d20 03c	1/2a		NONE	K09	NONE				
91778-0113	91778-9032	NATURAL	1a 1b 2a 3a	01c 02c d30	2/3a		NONE	K12	NONE				
91778-0114	91778-9032	NATURAL	1a 2a	d30	2/3a		NONE	K44	NONE				
91778-0115	91778-9032	NATURAL	2a	d10 d30	2/3a		NONE	K37	NONE				
91778-0116	91778-9031	NATURAL	3b	01c d30	1/2a		NONE	K02	NONE				
91778-0117	91778-9032	NATURAL	2b 3b	d10 02c	2/3a		NONE	K--	NONE				
91778-0118	91778-9032	NATURAL	2a	d10 02c d30	2/3a		NONE	K--	NONE				
91778-0119	91778-9031	NATURAL	1a	01c d20 03c	1/2a		NONE	K192	NONE				
91778-0120	91778-9031	NATURAL	1b 2a	01c d20	1/2a		NONE	K--	NONE				
91778-0121	91778-9032	NATURAL	2a	01c d10 02c d30	2/3a		BLACK	K--	NONE				

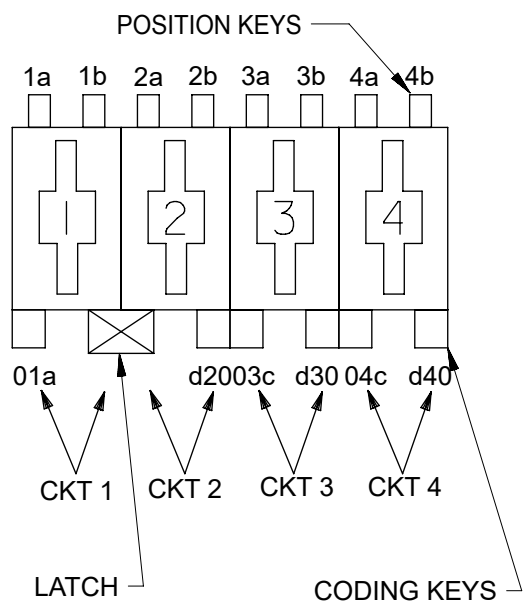
4 CIRCUIT									
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0201	91778-9041	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b	01c d20 03c d40	1/2a 3/4a		NONE	K00	NONE
91778-0202	91778-9041	NATURAL	1b	03c d40	1/2a 3/4a		NONE	K01	NONE
91778-0203	91778-9041	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b	d20 03c	1/2a 3/4a		NONE	K35	NONE
91778-0204	91778-9041	NATURAL	1b	d20 03c	1/2a 3/4a		NONE	K38	NONE
91778-0205	91778-9041	NATURAL	1a 4b	d40	1/2a 3/4a		NONE	K03	NONE
91778-0206	91778-9041	NATURAL	1a 3a 3b	01c d20 d40	1/2a 3/4a		NONE	K32	NONE
91778-0207	91778-9041	NATURAL	1b 2a 3a 4b	01c d40	1/2a 3/4a		NONE	K37	NONE
91778-0208	91778-9041	NATURAL	1a 4b	01c	1/2a 3/4a		NONE	K02	NONE
91778-0209	91778-9042	NATURAL	3b	d30	2/3a		NONE	K04	NONE
91778-0210	91778-9041	NATURAL	1a 1b 3a 3b	01c 03c	1/2a 3/4a		NONE	K93	NONE
91778-0211	91778-9041	NATURAL	1a 2a 4a	01c 03c d40	1/2a 3/4a		NONE	K43	NONE
91778-0212	91778-9041	NATURAL	1a 1b 3a 3b	01c d20 03c d40	1/2a 3/4a		NONE	K--	NONE
91778-0213	91778-9043	NATURAL	1a 1b 3a 4a 4b	01c d20 03c d30 04c d40	1/2a		NONE	K--	NONE
91778-0214	91778-9041	NATURAL	1b	03c d40	1/2a 3/4a		GREEN	K--	NONE
91778-0215	91778-9041	NATURAL	2a 3b	NONE	1/2a 3/4a		BLACK	K--	NONE
91778-0216	91778-9041	NATURAL	1a 1b 2a 3b 4b	d20 d40	1/2a 3/4a		NONE	K45	NONE
91778-0217	91778-9041	NATURAL	2a 3b	01c d20	1/2a 3/4a		NONE	K23	NONE
91778-0218	91778-9041	NATURAL	1a 1b 4a 4b	01c d20 03c d40	1/2a 3/4a		YELLOW	K--	NONE
91778-0219	91778-9041	NATURAL	1a 4a 4b	01c d20 03c	1/2a 3/4a		NONE	K--	NONE
91778-0220	91778-9041	NATURAL	1a 1b 2a 3a 4b	d20 d40	1/2a 3/4a		NONE	K--	NONE



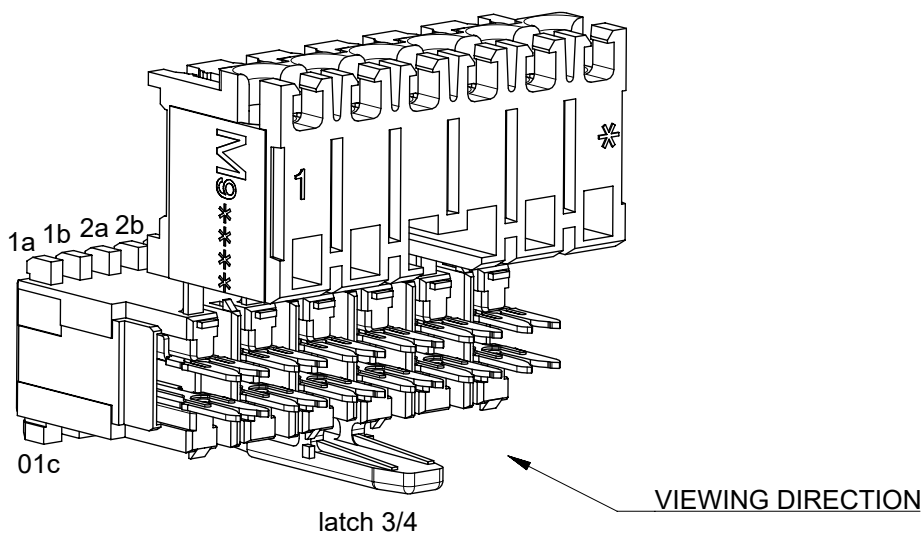
SLOT IS OPTIONAL FOR SHORT STANDARD LATCH

J3

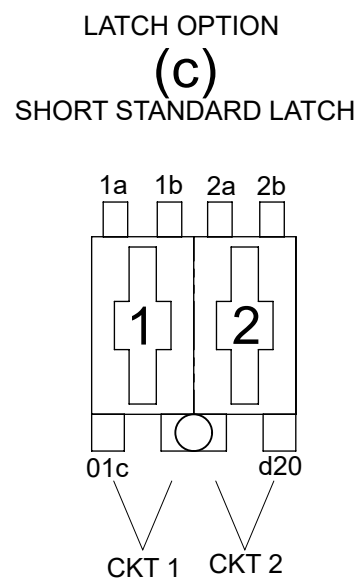
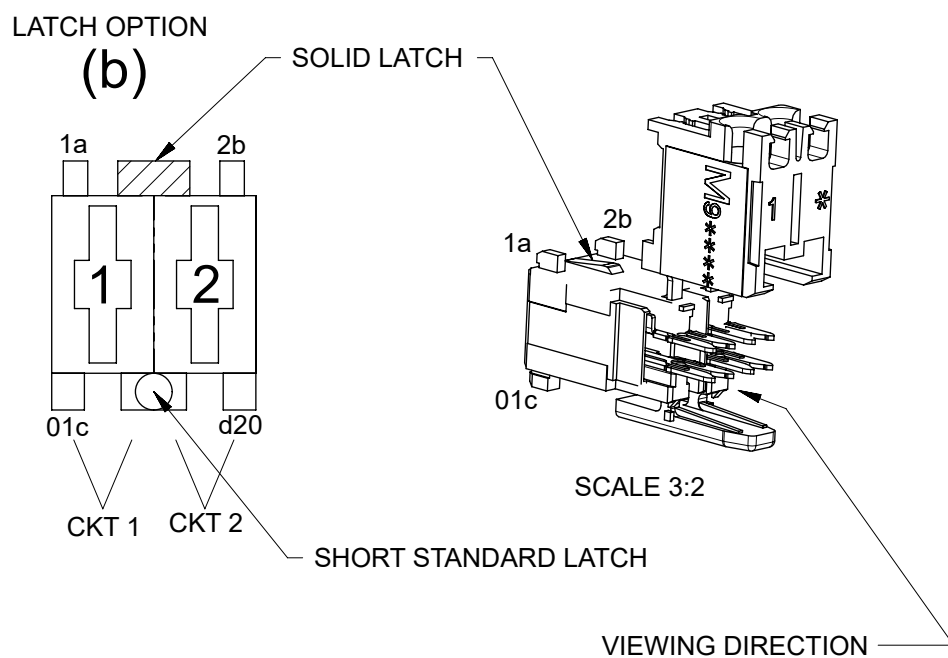
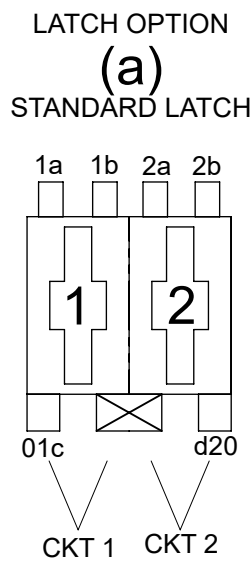
KEYING, CODING &
LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN
MATING DIRECTION



4 CIRCUIT									
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0221	91778-9043	NATURAL	2a 4b	01c d30	1/2a		NONE	K192	NONE
91778-0222	91778-9041	NATURAL	2a 4b	d20	1/2a 3/4a		NONE	K07	NONE
91778-0223	91778-9044	NATURAL	1a 1b 2a 2b 3a 4b	01c d40	3/4a		NONE	K--	NONE
91778-0224	91778-9043	NATURAL	1a 1b 2a 2b 3a 4b	01c d40	1/2a		NONE	K--	NONE
91778-0225	91778-9042	NATURAL	1a 1b 2a 2b 3a 4b	01c d40	2/3a		NONE	K--	NONE
91778-0226	91778-9045	NATURAL	1a 2b	04c	1/2b 3/4b SHORT LATCH 1/2		NONE	K--	NONE
91778-0227	91778-9041	NATURAL	1a	03c d40	1/2 3/4		NONE	K--	NONE



SCALE 2:1



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: EC NO: 797927 DRWN: GOPIS 2024/09/06 CHK'D: GOPIS 2024/09/11 APPR: MRAMAKRISHNA 2024/09/11 INITIAL REVISION: DRWN: CFISHER01 2016/03/02 APPR: BRUTTLE 2016/11/01			molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5 °							5MM APPLI-MATE 10A		
4 PLACES ±									
3 PLACES ±									
2 PLACES ± 0.05				PRODUCT CUSTOMER DRAWING					
1 PLACE ± 0.1				DOCUMENT NUMBER 917780001			DOC TYPE PSD	DOC PART 000	REVISION J3
0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING A2-SIZE	SERIES 91778	MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 6 OF 11

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5 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0301	91778-9053	NATURAL	1a 3a	01c d30	1/2a 4/5a		NONE	K30	NONE
91778-0302	91778-9051	NATURAL	1a 5b	01c d20 03c d50	1/2a 3/4a		NONE	K31	NONE
91778-0303	91778-9052	NATURAL	2a	01c d50	2/3a 4/5a		NONE	K43	NONE
91778-0304	91778-9052	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b	01c d50	2/3a 4/5a		NONE	K42	NONE
91778-0305	91778-9052	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b	01c d10 02c d30 04c d50	2/3a 4/5a		NONE	K92	NONE
91778-0306	91778-9051	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b	01c d20 03c d40 05c d50	1/2a 3/4a		NONE	K00	NONE
91778-0307	91778-9053	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b	01c d20 03c d30 04c d50	1/2a 4/5a		NONE	K90	NONE
91778-0308	91778-9051	NATURAL	2a 4b	01c d20 d40	1/2a 3/4a		NONE	K44	NONE
91778-0309	91778-9053	NATURAL	1a 3a	01c d30 d50	1/2a 4/5a		NONE	K49	NONE
91778-0310	91778-9051	NATURAL	NONE	01c d40	1/2a 3/4a		NONE	K--	NONE
91778-0313	91778-9054	NATURAL	1a 2b 3b 4b 5b	d10 02c 04c d50	4/5a		NONE	K--	NONE
91778-0314	91778-9054	NATURAL	5b	01c d20 03c d50	4/5a		NONE	K--	NONE
91778-0315	91778-9051	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b	d20 d40	1/2a 3/4a		NONE	K84	NONE
91778-0316	91778-9055	NATURAL	5b	d30	1/2a		NONE	K--	NONE
91778-0317	91778-9053	NATURAL	2b	d20 d30	1/2a 4/5a		NONE	K--	NONE
91778-0318	91778-9056	NATURAL	1a 5b	d20	3/4a		NONE	K--	NONE
91778-0319	91778-9053	NATURAL	3b	d30	1/2a 4/5a		NONE	K--	NONE
91778-0320	91778-9051	NATURAL	3b	01c d20 03c d40	1/2a 3/4a		NONE	K--	NONE

5 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0321	91778-9053	NATURAL	1a 4a	d30	1/2a 4/5a		NONE	K--	NONE
91778-0322	91778-9057	NATURAL	3a	03c	1/2c		NONE	K--	NONE
91778-0323	91778-9057	NATURAL	3b	d30	1/2c		NONE	K--	NONE
91778-0324	91778-9053	NATURAL	2b	d20	1/2a 4/5a		NONE	K02	NONE

latch 3/4

VIEWING DIRECTION

SCALE 2:1

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KEYING, CODING & LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN MATING DIRECTION

POSITION KEYS

LATCH

CODING KEYS

LATCH OPTION (a) STANDARD LATCH

LATCH OPTION (b)

LATCH OPTION (c) SHORT STANDARD LATCH

VIEWING DIRECTION

SCALE 3:2

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:						
mm		1:1		EC NO: 797927 DRWN: GOPIS 2024/09/06 CHK'D: GOPIS 2024/09/11 APPR: MRAMAKRISHNA 2024/09/11 INITIAL REVISION: DRWN: CFISHER01 2016/03/02 APPR: BRUTTLE 2016/11/01 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
GENERAL TOLERANCES (UNLESS SPECIFIED)										
ANGULAR TOL ± 0.5°										
4 PLACES ±										
3 PLACES ±										
2 PLACES ± 0.05		THIRD ANGLE PROJECTION DRAWING A2-SIZE SERIES 91778				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
1 PLACE ± 0.1						917780001		PSD	000	J3
0 PLACES ±										
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER						
SEE CHARTS		GENERAL MARKET		7 OF 11						

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6 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0401	91778-9061	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c d10 02c d30 04c d50 06c d60	2/3a 4/5a		NONE	K90	NONE
91778-0402	91778-9062	NATURAL	1b	03c d60	1/2a 5/6a		NONE	K91	NONE
91778-0403	91778-9062	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c d20 03c d30 04c d40 05c d60	1/2a 5/6a		NONE	K53	NONE
91778-0404	91778-9062	NATURAL	5b	01c d40	1/2a 5/6a		NONE	K61	NONE
91778-0405	91778-9062	NATURAL	1a 6a	d30	1/2a 5/6a		NONE	K--	NONE
91778-0406	91778-9062	NATURAL	2a 6b	d40	1/2a 5/6a		NONE	K04	NONE
91778-0407	91778-9063	NATURAL	5b	02c 06c	3/4a		NONE	K--	NONE
91778-0408	91778-9064	NATURAL	1b 3a 4b 5a 5b 6b	01c d60	2/3a		NONE	K--	NONE
91778-0409	91778-9063	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	d50 06c	3/4a		NONE	K--	NONE
91778-0410	91778-9065	BLACK	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	02c d50	2/3a 4/5a		NONE	K38	NONE
91778-0411	91778-9066	NATURAL	1b 2a 3a 4b 5a 5b 6b	01c d60	2/3a 5/6a		NONE	K--	NONE
91778-0412	91778-9067	NATURAL	1a 3b 4b	01c d50 06c	1/2a 4/5a		NONE	K30	NONE
91778-0413	91778-9067	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c d20 03c d30 04c d50 06c d60	1/2a 4/5a		NONE	K00	NONE
91778-0414	91778-9063	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c d20 02c d20 03c d40 05c d50 06c d60	3/4a		NONE	K--	NONE
91778-0415	91778-9066	NATURAL	2a 3b 5b 6b	NONE	1/2a 5/6a		NONE	K--	NONE
91778-0416	91778-9066	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b	01c 02c d30 04c d40 05c d60	2/3a 5/6a		NONE	K--	NONE
91778-0417	91778-9068	NATURAL	1b 5b	02c	3/4b		NONE	K--	NONE

LATCH OPTION
(a)
STANDARD LATCH

LATCH OPTION
(b)
SOLID LATCH

LATCH OPTION
(c)
SHORT STANDARD LATCH

7 CIRCUIT

MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0501	91778-9071	NATURAL	2b	d20 07c	1/2a 5/6a		NONE	K37	NONE
91778-0502	91778-9071	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	01c d20 03c d30 04c d40 05c d60 07c d70	1/2a 5/6a		NONE	K00	NONE
91778-0503	91778-9071	NATURAL	NONE	d20	1/2a 5/6a		NONE	K44	NONE
91778-0504	91778-9072	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	01c d10 02c d30 04c d40 05c d50 06c d70	2/3a 6/7a		NONE	K90	NONE
91778-0505	91778-9072	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	02c d50	2/3a 6/7a		NONE	K49	NONE
91778-0506	91778-9073	NATURAL	NONE	d20 03c 07c	5/6a		NONE	K--	NONE
91778-0507	91778-9074	NATURAL	1a 6b	03c 07c	4/5a		NONE	K--	NONE
91778-0508	91778-9071	NATURAL	NONE	04c 05c	1/2a 5/6a		NONE	K--	NONE
91778-0509	91778-9071	NATURAL	NONE	04c 07c	1/2a 5/6a		NONE	K--	NONE
91778-0510	91778-9071	NATURAL	NONE	d20 03c d70	1/2a 5/6a		NONE	K--	NONE
91778-0511	91778-9071	NATURAL	NONE	d20 07c	1/2a 5/6a		NONE	K--	NONE
91778-0512	91778-9071	NATURAL	NONE	d20 03c	1/2a 5/6a		NONE	K--	NONE
91778-0513	91778-9071	NATURAL	6b 7a 7b	d20 d60	1/2a 5/6a		NONE	K--	NONE
91778-0514	91778-9071	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	03c d40 07c	1/2a 5/6a		NONE	K--	NONE
91778-0515	91778-9071	NATURAL	1a 2a 2b 3a 3b 4a 5a 6a 6b 7a 7b	d20 d60	1/2a 5/6a		NONE	K--	NONE
91778-0516	91778-9071	NATURAL	1a 2a 2b 3a 3b 4a 5a 6a 6b 7a 7b	d20 d60	1/2a 5/6a		NONE	K--	NONE
91778-0517	91778-9075	NATURAL	NONE	d20 03c d50 06c	1/2a 6/7a		NONE	K--	NONE

KEYING, CODING & LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN MATING DIRECTION

VIEWING DIRECTION

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 5MM APPLI-MATE 10A									
mm	1:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 797927		2024/09/06									
		DRWN: GOPIS											
ANGULAR TOL ± 0.5°		CHK'D: GOPIS		2024/09/11									
4 PLACES ±		APPR: MRAMAKRISHNA		2024/09/11									
3 PLACES ±		INITIAL REVISION:		2016/03/02									
2 PLACES ± 0.05		DRWN: CFISHER01											
1 PLACE ± 0.1		APPR: BRUTTLE		2016/11/01									
0 PLACES ±		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A2-SIZE		91778		SEE CHARTS		GENERAL MARKET		8 OF 11	

DOCUMENT STATUS

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RELEASE DATE

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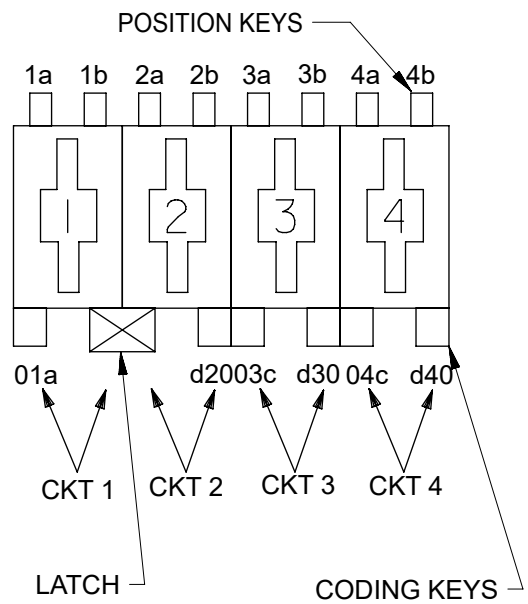
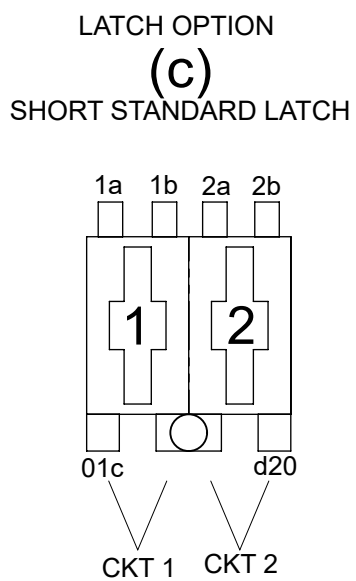
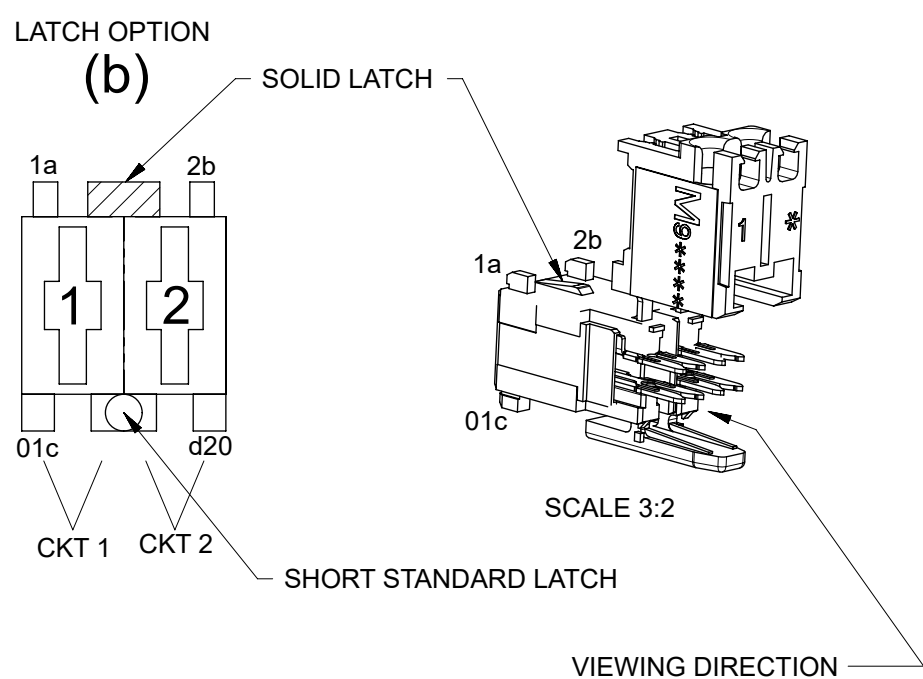
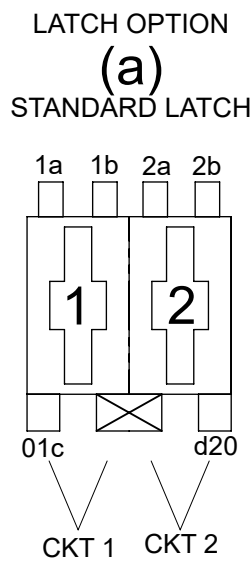
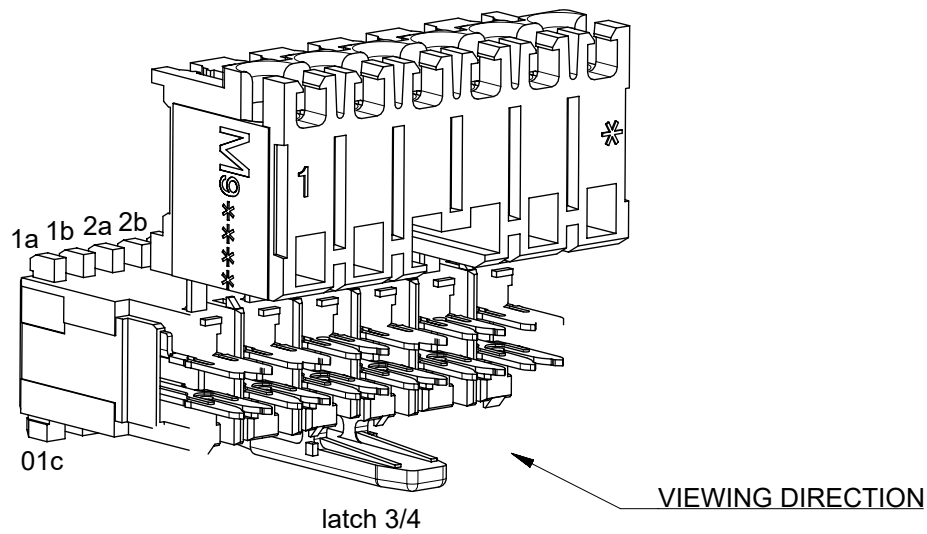
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7 CIRCUIT									
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0518	91778-9072	NATURAL	6b 7a	d10 02c d50 06c	2/3a 6/7a		NONE	K--	NONE
91778-0519	91778-9074	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b	01c d10 02c d20 03c d30 04c d50 06c d60 07c d70	4/5a		NONE	K--	NONE
91778-0520	91778-9076	NATURAL	2b	d20	1/2c		NONE	K--	NONE
91778-0521	91778-9075	NATURAL	5b	d30 d70	1/2a 6/7a		NONE	K--	NONE
91778-0522	91778-9077	NATURAL	1b 5b	02c d70	3/4b		NONE	K--	NONE

8 CIRCUIT									
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS
91778-0601	91778-9081	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b	01c d10 02c d20 03c d40 05c d60 07c d70 08c d80	3/4a 5/6a		NONE	K00	NONE
91778-0602	91778-9081	NATURAL	1b 3a 3b 5a 5b 7a 8a	01c d20 03c 05c 07c	3/4a 5/6a		NONE	K36	NONE
91778-0603	91778-9082	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b	01c d20 03c d30 04c d40 05c d50 06c d60 07c d80	1/2a 7/8a		NONE	K90	NONE
91778-0604	91778-9082	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b	03c d60	1/2a 7/8a		NONE	K39	NONE
91778-0605	91778-9082	NATURAL	2b 8a	03c d60	1/2a 7/8a		NONE	K--	NONE
91778-0606	91778-9083	NATURAL	8b	02c d30 07c	2/3a 7/8a		NONE	K--	NONE
91778-0607	91778-9084	NATURAL	2b 8a	03c d60	1/2a		NONE	K--	NONE
91778-0608	91778-9085	NATURAL	8b	02c d30	2/3a		NONE	K49	NONE
91778-0609	91778-9082	NATURAL	NONE	d20 03c d60 07c	1/2a 7/8a		NONE	K--	NONE
91778-0610	91778-9082	NATURAL	7b 8a	d20 03c d60 07c	1/2a 7/8a		NONE	K--	NONE
91778-0611	91778-9086	NATURAL	NONE	NONE	1/2b 6/7b SHORT STD LATCH 1/2		NONE	K--	NONE
91778-0612	91778-9087	NATURAL	NONE	NONE	1/2c		NONE	K--	NONE



KEYING, CODING &
LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN
MATING DIRECTION

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		
mm		1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 797927 DRWN: GOPIS 2024/09/06 CHK'D: GOPIS 2024/09/11 APPR: MRAMAKRISHNA 2024/09/11			5MM APPLI-MATE 10A		
ANGULAR TOL ± 0.5 °									
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.05							
1 PLACE		± 0.1		INITIAL REVISION: DRWN: CFISHER01 2016/03/02 APPR: BRUTTER 2016/11/01			PRODUCT CUSTOMER DRAWING		
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A2-SIZE		91778	
						SERIES		MATERIAL NUMBER	
						91778		SEE CHARTS	
						CUSTOMER		SHEET NUMBER	
						GENERAL MARKET		9 OF 11	

13	12	11	10	9	8	7	6	5	4	3	2	1
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14	13	12	11	10	9	8	7	6	5	4	3	2	1
9 CIRCUIT													
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS				
91778-0701	91778-9091	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b 9a 9b	01c d10 02c d20 03c d40 05c d50 06c d70 08c d80 09c d90	3/4a 6/7a		NONE	K00	NONE				
91778-0702	91778-9091	NATURAL	1b 2a 3a 5a 6a 7b 8b	01c 03c d70 08c d90	3/4a 6/7a		NONE	K64	NONE				
91778-0703	91778-9093	NATURAL	2b 5a	d80	2/3a 7/8a		NONE	K03	NONE				
91778-0704	91778-9092	NATURAL	1b	03c	5/6a		NONE	K--	NONE				
91778-0705	91778-9094	NATURAL	2b 3b 4a 5a 6b	d10 02c 04c 08c d90	2/3a 4/5a 6/7a 8/9a		NONE	K--	NONE				
91778-0706	91778-9095	NATURAL	1b 2a 4b 5a 8b 9b	01c d20 d70 08c	1/2a 4/5a 6/7a 8/9a		NONE	K--	NONE				
91778-0707	91778-9096	NATURAL	5b 6a	NONE	3/4a 7/8a		NONE	K--	NONE				
91778-0708	91778-9097	NATURAL	5b 6a	d30 d70	1/2a 6/7a		NONE	K--	NONE				
91778-0709	91778-9097	NATURAL	5b	d30 04c d70 08c	1/2a 6/7a		NONE	K--	NONE				

10 CIRCUIT													
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS				
91778-0801	91778-9101	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b 9a 9b 10a 10b	01c d10 02c d20 03c d40 05c d50 06c d60 07c d80 09c d90 10c d100	3/4a 7/8a		NONE	K00	NONE				
91778-0802	91778-9101	NATURAL	1a 3b 7b 8a	01c d20 d40 05c d100	3/4a 7/8a		NONE	K34	NONE				
91778-0803	91778-9102	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b 9a 9b 10a 10b	01c d10 02c d20 03c d30 04c d50 06c d60 07c d80 09c d90 10c d100	4/5a 7/8a		NONE	K98	NONE				
91778-0804	91778-9103	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b 9a 9b 10a 10b	01c d10 02c d20 03c d30 04c d50 06c d70 08c d80 09c d90 10c d100	4/5a 6/7a		NONE	K99	NONE				
91778-0805	91778-9102	NATURAL	1a 10b	07c	4/5a 7/8a		NONE	K39	NONE				
91778-0806	91778-9103	NATURAL	1b 9a	06c	4/5a 6/7a		NONE	K40	NONE				
91778-0807	91778-9104	NATURAL	1b	03c	5/6a		NONE	K--	NONE				
91778-0808	91778-9104	NATURAL	4b 6b 8a 8b	d100	5/6a		NONE	K--	NONE				
91778-0809	91778-9105	NATURAL	4b 6b 8a 8b	06c d100	NONE		NONE	K--	NONE				
91778-0810	91778-9104	NATURAL	NONE	d30 04c d70 08c	2/3a 8/9a		NONE	K--	NONE				
91778-0811	91778-9107	NATURAL	2b 3a	d30 04c d70 08c	5/6a 8/9a		NONE	K--	NONE				
91778-0812	91778-9107	NATURAL	8b 9a	d30 04c d70 08c	5/6a 8/9a		NONE	K--	NONE				
91778-0813	91778-9107	NATURAL	8b	d30 04c d70 08c	5/6a 8/9a		NONE	K--	NONE				
91778-0814	91778-9104	NATURAL	4b 6b 8a 8b	d30 d40 05c d100	5/6a		NONE	K--	NONE				
91778-0815	91778-9107	NATURAL	NONE	d30 04c d70 08c	5/6a 8/9a		NONE	K--	NONE				

1a 1b 2a 2b

01c

VIEWING DIRECTION

latch 3/4

LATCH OPTION
(a)
STANDARD LATCH

1a 1b 2a 2b

01c d20

CKT 1 CKT 2

LATCH OPTION
(b)
SHORT STANDARD LATCH

1a 2b

SOLID LATCH

01c d20

CKT 1 CKT 2

SCALE 3:2

VIEWING DIRECTION

LATCH OPTION
(c)
SHORT STANDARD LATCH

1a 1b 2a 2b

01c d20

CKT 1 CKT 2

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.1

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 797927

DRWN: GOPIS 2024/09/06

CHK'D: GOPIS 2024/09/11

APPR: MRAMAKRISHNA 2024/09/11

INITIAL REVISION:

DRWN: CFISHER01 2016/03/02

APPR: BRUTTLE 2016/11/01

THIRD ANGLE PROJECTION

DRAWING A2-SIZE

SERIES 91778

molex

5MM APPLI-MATE 10A

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

917780001

DOC TYPE

PSD

DOC PART

000

REVISION

J3

MATERIAL NUMBER

SEE CHARTS

CUSTOMER

GENERAL MARKET

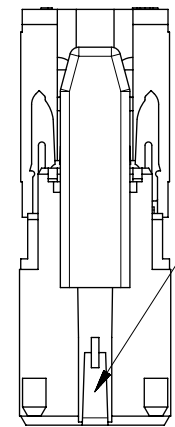
SHEET NUMBER

10 OF 11

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DOCUMENT STATUS		P1	RELEASE DATE	2024/09/11	11:30:17								

11 CIRCUIT																																											
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS																																		
91778-0901	91778-9111	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b 5a 5b 6a 6b 7a 7b 8a 8b 9a 9b 10a 10b 11a 11b	01c d10 02c d20 03c d40 05c d50 06c d60 07c d70 08c d90 10c d100 11c d110	3/4a 8/9a	<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>												1	2	3	4	5	6	7	8	9	10	11												NONE	K00	NONE	
1	2	3	4	5	6	7	8	9	10	11																																	
91778-0902	91778-9111	NATURAL	1a 2b 3b 4a 4b 5a 7a 8a 9a 10a 11a	01c d40 05c 08c 010c	3/4a 8/9a	<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>												1	2	3	4	5	6	7	8	9	10	11												NONE	K33	NONE	
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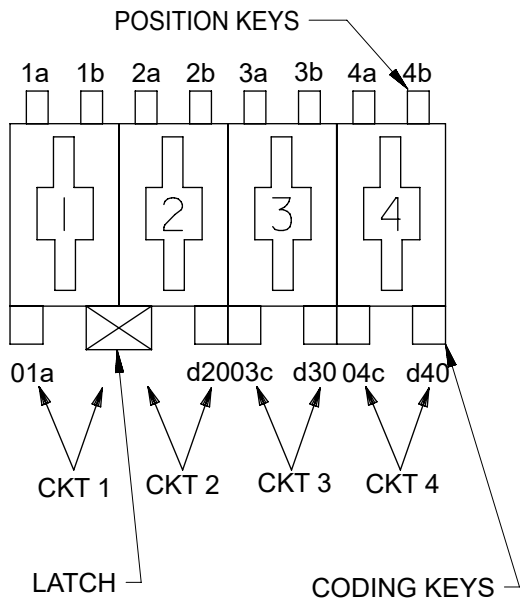
12 CIRCUIT																																														
MOLEX PART NO.	HOUSING NO.	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF	RIBS																																					
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1	2	3	4	5	6	7	8	9	10	11	12																																			
91778-1002	91778-9121	NATURAL	1a 2a 4a 4b 5a 6b 8a 11a	01c 03c 05c 07c d80 d100 11c	3/4a 9/10a	<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>													1	2	3	4	5	6	7	8	9	10	11	12													NONE	K41	NONE	
1	2	3	4	5	6	7	8	9	10	11	12																																			



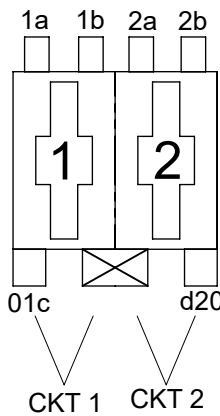
SLOT IS OPTIONAL FOR SHORT STANDARD LATCH

J3

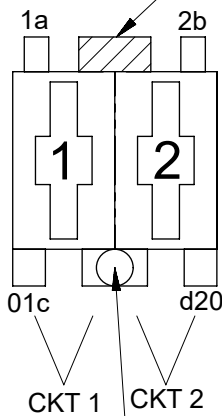
KEYING, CODING &
LATCH IDENTIFICATION
4 CKT EXAMPLE VIEW IN
MATING DIRECTION



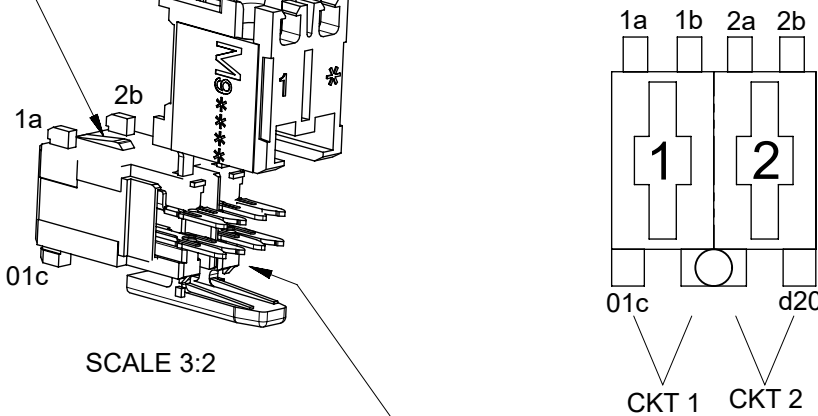
LATCH OPTION
(a)
STANDARD LATCH



LATCH OPTION
(b)
SOLID LATCH



LATCH OPTION
(c)
SHORT STANDARD LATCH



SCALE 3:2

VIEWING DIRECTION

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DIMENSION UNITS		SCALE	CURRENT REV DESC:				molex				
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)			EC NO: 797927 DRWN: GOPIS 2024/09/06 CHK'D: GOPIS 2024/09/11 APPR: MRAMAKRISHNA 2024/09/11				5MM APPLI-MATE 10A				
ANGULAR TOL ± 0.5 °											
4 PLACES		±									
3 PLACES		±									
2 PLACES		± 0.05	INITIAL REVISION: DRWN: CFISHER01 2016/03/02 APPR: BRUTTLE 2016/11/01				PRODUCT CUSTOMER DRAWING				
1 PLACE		± 0.1					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±					917780001		PSD	000	J3
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
					A2-SIZE	91778	SEE CHARTS		GENERAL MARKET	11 OF 11	