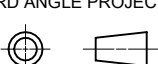


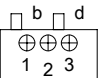
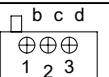
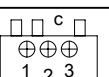
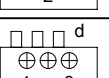
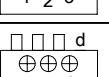
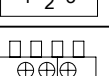
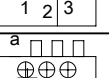
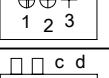
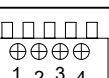
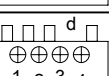
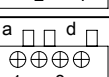
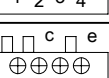
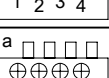
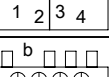
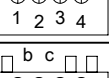
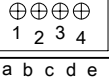
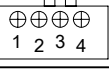
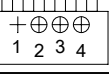
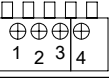
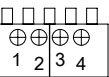
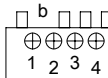
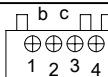
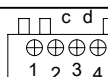
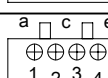
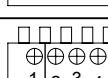
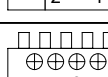
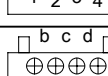
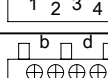
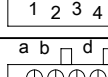
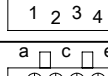
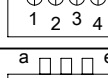
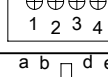
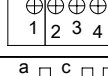
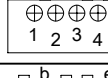
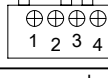
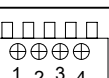
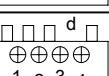
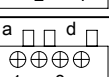
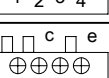
14	13	12	11	10	9	8	7	6	5	4	3	2	1				
2 CIRCUIT																	
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE								
91716-9001	91715-0002	NONE	NONE	NONE		OPEN	OPEN	NONE	NONE								
91716-9002	91715-0042	NONE	NONE	a		OPEN	CLOSED	NONE	NONE								
91716-9004	91715-0002	NONE	NONE	c		OPEN	OPEN	NONE	NONE								
91716-9005	91715-0102	NONE	NONE	NONE		OPEN	OPEN	1&2	NONE								
3 CIRCUIT																	
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE								
91716-0001	91715-0003	NONE	NONE	NONE		OPEN	OPEN	NONE	NONE								
91716-0002	91715-0003	NONE	NONE	a d		OPEN	OPEN	NONE	RED								
91716-0013	91715-0003	NONE	NONE	a		OPEN	OPEN	NONE	NONE								
91716-0014	91715-0003	NONE	NONE	b		OPEN	OPEN	NONE	NONE								
91716-0015	91715-0003	NONE	NONE	c		OPEN	OPEN	NONE	NONE								
91716-0016	91715-0003	NONE	NONE	d		OPEN	OPEN	NONE	NONE								
91716-0017	91715-0003	NONE	NONE	b d		OPEN	OPEN	NONE	NONE								
91716-0018	91715-0003	NONE	NONE	a c		OPEN	OPEN	NONE	NONE								
91716-0019	91715-0003	NONE	NONE	a d		OPEN	OPEN	NONE	NONE								
91716-0020	91715-0003	NONE	NONE	a b		OPEN	OPEN	NONE	NONE								
91716-0021	91715-0003	NONE	NONE	b c		OPEN	OPEN	NONE	NONE								
91716-0022	91715-0003	NONE	NONE	c d		OPEN	OPEN	NONE	NONE								
91716-0023	91715-0003	CCT 2	NONE	b d		OPEN	OPEN	NONE	NONE								
91716-0024	91715-0003	CCT 3	NONE	c		OPEN	OPEN	NONE	BLUE								
91716-0034	91715-0103	NONE	NONE	NONE		OPEN	OPEN	1&2	NONE								
91716-0041	91715-0203	NONE	NONE	NONE		OPEN	OPEN	2&3	NONE								
91716-0042	91715-0003	CCT 1	NONE	NONE		OPEN	OPEN	NONE	NONE								
91716-0043	91715-0003	CCT 1	NONE	c		OPEN	OPEN	NONE	NONE								
91716-0044	91715-0003	NONE	NONE	b d		OPEN	OPEN	NONE	BLUE								
91716-0045	91715-0003	NONE	NONE	b		OPEN	OPEN	NONE	BLUE								
91716-0046	91715-0003	CCT 1	NONE	d		OPEN	OPEN	NONE	NONE								
3CCT CONTINUED ON NEXT SHEET																	
NOTES																	
1. + DENOTES TERMINAL VOIDED POSITION ⊕ DENOTES TERMINAL LOADED POSITION DENOTES POLARIZING RIB POSITION																	
2. MOLEX HOUSING NO. FOR REFERENCE ONLY																	
DOCUMENT STATUS	P1	RELEASE DATE	2025/04/08	10:51:42													
13	12	11	10	9	8	7	6	5	4	3	2	1					

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	NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)											APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)					
ANGULAR TOL	± 0.5 °															
4 PLACES	±										PRODUCT CUSTOMER DRAWING					
3 PLACES	± 0.05															
2 PLACES	± 0.1															
1 PLACE	± 0.2															
0 PLACES	±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER			DOC TYPE		DOC PART	REVISION					
			A2-SIZE	91716	917160001			PSD		000	N5					
					SEE TABLE			GENERAL MARKET		2 OF 10						

FORMAT: master B99004-A2

REVISION: J

DATE: 2025/01/16

14	13	12	11	10	9	8	7	6	5	4	3	2	1	
H	3 CIRCUIT													
	PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE				
	91716-0047	91715-0003	NONE	NONE	b d		OPEN	OPEN	NONE	RED				
	91716-0048	91715-0003	NONE	NONE	b c d		OPEN	OPEN	NONE	NONE				
	91716-0049	91715-0003	NONE	NONE	c		OPEN	OPEN	NONE	PURPLE				
	91716-0050	91715-9903	NONE	NONE	NONE		OPEN	NARROW	NONE	NONE				
	91716-0051	91715-0003	NONE	NONE	d		OPEN	OPEN	NONE	BLACK				
	91716-0053	91715-0043	NONE	NONE	d		OPEN	CLOSED	NONE	NONE				
	91716-0054	91715-0243	NONE	NONE	NONE		OPEN	CLOSED	2&3	NONE				
	91716-0055	91715-0043	NONE	NONE	a		OPEN	CLOSED	NONE	NONE				
G	91716-0056	91715-0063	NONE	NONE	c		CLSOED	OPEN	NONE	NONE				
	91716-0058	91715-0003	CCT 3	NONE	d		OPEN	OPEN	NONE	NONE				
	91716-0059	91715-0003	CCT 3	NONE	c d		OPEN	OPEN	NONE	NONE				
F	4 CIRCUIT													
	PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE				
	91716-0501	91715-0004	NONE	NONE	NONE		OPEN	OPEN	NONE	NONE				
	91716-0502	91715-0004	NONE	NONE	d		OPEN	OPEN	NONE	NONE				
	91716-0503	91715-0004	NONE	NONE	a d		OPEN	OPEN	NONE	NONE				
	91716-0504	91715-0004	NONE	NONE	c e		OPEN	OPEN	NONE	NONE				
	91716-0505	91715-0004	NONE	NONE	a		OPEN	OPEN	NONE	NONE				
	91716-0506	91715-0204	NONE	NONE	NONE		OPEN	OPEN	2&3	NONE				
	91716-0538	91715-0004	NONE	NONE	b		OPEN	OPEN	NONE	NONE				
	91716-0530	91715-0004	NONE	NONE	b c		OPEN	OPEN	NONE	NONE				
E	91716-0539	91715-0004	NONE	NONE	a b		OPEN	OPEN	NONE	NONE				
	91716-0540	91715-0004	NONE	NONE	d e		OPEN	OPEN	NONE	NONE				
	91716-0541	91715-0004	NONE	NONE	ALL		OPEN	OPEN	NONE	NONE				
	91716-0542	91715-0004	NONE	NONE	a b e		OPEN	OPEN	NONE	NONE				
	91716-0507	91715-0004	CCT 1	NONE	NONE		OPEN	OPEN	NONE	NONE				
	91716-0543	91715-0304	NONE	NONE	NONE		OPEN	OPEN	3&4	RED				
	91716-0544	91715-0204	NONE	NONE	NONE		OPEN	OPEN	2&3	BLUE				
	91716-0545	91715-0004	NONE	NONE	d		OPEN	OPEN	NONE	BLUE				
	D	4 CIRCUIT												
		PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE			
91716-0546		91715-0004	NONE	NONE	b		OPEN	OPEN	NONE	RED				
91716-0547		91715-0004	NONE	NONE	b c		OPEN	OPEN	NONE	GREEN				
91716-0548		91715-0004	NONE	NONE	c d		OPEN	OPEN	NONE	RED				
91716-0549		91715-0004	NONE	NONE	a c e		OPEN	OPEN	NONE	NONE				
91716-0550		91715-0104	NONE	NONE	NONE		OPEN	OPEN	1&2	NONE				
91716-0551		91715-0004	NONE	NONE	NONE		OPEN	OPEN	NONE	GREEN				
91716-0552		91715-0004	NONE	NONE	b c d		OPEN	OPEN	NONE	NONE				
91716-0553		91715-0004	NONE	NONE	b d		OPEN	OPEN	NONE	NONE				
C	91716-0554	91715-0004	NONE	NONE	a b d		OPEN	OPEN	NONE	NONE				
	91716-0555	91715-0004	NONE	NONE	a c e		OPEN	OPEN	NONE	BLACK				
	91716-0556	91715-0004	NONE	NONE	a e		OPEN	OPEN	NONE	NONE				
	91716-0557	91715-0104	NONE	NONE	a b d e		OPEN	OPEN	1&2	NONE				
	91716-0558	91715-0004	NONE	NONE	a c		OPEN	OPEN	NONE	NONE				
	91716-0559	91715-0004	NONE	NONE	b e		OPEN	OPEN	NONE	NONE				
	91716-0560	91715-0004	NONE	NONE	a d e		OPEN	OPEN	NONE	NONE				
	B	4 CIRCUIT												
		PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE			
		91716-0501	91715-0004	NONE	NONE	NONE		OPEN	OPEN	NONE	NONE			
91716-0502		91715-0004	NONE	NONE	d		OPEN	OPEN	NONE	NONE				
91716-0503		91715-0004	NONE	NONE	a d		OPEN	OPEN	NONE	NONE				
91716-0504		91715-0004	NONE	NONE	c e		OPEN							

14	13	12	11	10	9	8	7	6	5	4	3	2	1
5 CIRCUIT													
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE				
91716-1001	91715-0005	NONE	NONE	NONE	12345 ⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	NONE				
91716-1002	91715-0305	NONE	NONE	ALL	12345 ⊕⊕⊕⊕⊕ abcdef	OPEN	OPEN	3&4	NONE				
91716-1003	91715-0405	NONE	NONE	NONE	12345 ⊕⊕⊕⊕⊕	OPEN	OPEN	4&5	NONE				
91716-1004	91715-0005	NONE	NONE	c d	12345 ⊕⊕⊕⊕⊕ cd	OPEN	OPEN	NONE	NONE				
91716-1005	91715-0005	NONE	NONE	a	12345 ⊕⊕⊕⊕⊕ a	OPEN	OPEN	NONE	NONE				
91716-1006	91715-0005	NONE	NONE	b	12345 ⊕⊕⊕⊕⊕ b	OPEN	OPEN	NONE	NONE				
91716-1007	91715-0005	NONE	NONE	a b e f	12345 ⊕⊕⊕⊕⊕ ab ef	OPEN	OPEN	NONE	NONE				
91716-1008	91715-0205	NONE	NONE	NONE	12345 ⊕⊕⊕⊕⊕	OPEN	OPEN	2&3	NONE				
91716-1009	91715-0005	CCT 2,3,4	NONE	NONE	12345 ⊕+++⊕	OPEN	OPEN	NONE	NONE				
91716-1010	91715-0005	CCT 2	NONE	c	12345 ⊕+⊕⊕⊕ c	OPEN	OPEN	NONE	NONE				
91716-1011	91715-0005	CCT 2	NONE	d	12345 ⊕+⊕⊕⊕ d	OPEN	OPEN	NONE	NONE				
91716-1012	91715-0005	CCT 2	NONE	b	12345 ⊕+⊕⊕⊕ b	OPEN	OPEN	NONE	NONE				
91716-1013	91715-0005	CCT 2	NONE	a	12345 ⊕+⊕⊕⊕ a	OPEN	OPEN	NONE	NONE				
91716-1014	91715-0005	NONE	NONE	b c d e	12345 ⊕⊕⊕⊕⊕ bcde	OPEN	OPEN	NONE	NONE				
91716-1015	91715-0305	CCT 2,3,4	NONE	NONE	12345 ⊕+++⊕	OPEN	OPEN	3&4	RED				
91716-1016	91715-0005	CCT 2	NONE	b	12345 ⊕+⊕⊕⊕ b	OPEN	OPEN	NONE	RED				
91716-1017	91715-0005	NONE	NONE	d e	12345 ⊕⊕⊕⊕⊕ de	OPEN	OPEN	NONE	NONE				
91716-1018	91715-0005	NONE	NONE	a d f	12345 ⊕⊕⊕⊕⊕ ad f	OPEN	OPEN	NONE	NONE				
91716-1019	91715-0105	NONE	NONE	NONE	12345 ⊕⊕⊕⊕⊕	OPEN	OPEN	1&2	NONE				
91716-1020	91715-0005	CCT 2,3,4	NONE	b	12345 ⊕+++⊕ b	OPEN	OPEN	NONE	NONE				
91716-1021	91715-0005	NONE	NONE	d	12345 ⊕⊕⊕⊕⊕ d	OPEN	OPEN	NONE	NONE				
91716-1022	91715-0005	NONE	NONE	b f	12345 ⊕⊕⊕⊕⊕ bf	OPEN	OPEN	NONE	RED				
91716-1023	91715-0005	CCT 2,3,4	NONE	c e	12345 ⊕+++⊕ ce	OPEN	OPEN	NONE	NONE				
91716-1024	91715-0205	NONE	NONE	a b e f	12345 ⊕⊕⊕⊕⊕ ab ef	OPEN	OPEN	2&3	NONE				
91716-1025	91715-0005	CCT 2,3,4	NONE	c f	12345 ⊕+++⊕ cf	OPEN	OPEN	NONE	NONE				
91716-1026	93473-0205	NONE	NONE	ALL	12345 ⊕⊕⊕⊕⊕ abcdef	OPEN	OPEN	2&3	NONE	LOCKING RETENTION FEATURE			
91716-1027	91715-0205	NONE	NONE	ALL	12345 ⊕⊕⊕⊕⊕ abcdef	OPEN	OPEN	2&3	NONE				
91716-1028	93473-0005	NONE	NONE	NONE	12345 ⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	NONE	LOCKING RETENTION FEATURE			
91716-1029	91715-0005	NONE	NONE	b c d	12345 ⊕⊕⊕⊕⊕ bcd	OPEN	OPEN	NONE	NONE				
91716-1030	91715-0085	NONE	NONE	NONE	12345 ⊕⊕⊕⊕⊕	NARROW	OPEN	NONE	NONE				

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		moLEX APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) PRODUCT CUSTOMER DRAWING										
mm	NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 814617 DRWN: GOPIS CHK'D: GOPIS APPR: ISHWARG INITIAL REVISION: DRWN: CFISHER01 APPR: BRUTTLE		2024/02/05 2025/03/04 2025/04/08 2016/05/06 2016/07/01		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
ANGULAR TOL	± 0.5°					917160001		PSD	000	N5				
4 PLACES	±					SEE TABLE		GENERAL MARKET		4 OF 10				
3 PLACES	± 0.05													
2 PLACES	± 0.1													
1 PLACE	± 0.2													
0 PLACES	±													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER					SHEET NUMBER				
		A2-SIZE	91716	SEE TABLE	GENERAL MARKET					4 OF 10				

1. + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION

2. MOLEX HOUSING NO. FOR REFERENCE ONLY

14	13	12	11	10	9	8	7	6	5	4	3	2	1
6 CIRCUIT													
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE				
91716-1501	91715-0006	NONE	NONE	NONE	□□□□□□□ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1502	91715-0306	NONE	NONE	ALL	□ a b c d e f g ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	3&4	NONE				
91716-1503	91715-0006	NONE	NONE	c e f g	□□ c e f g ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1504	91715-0206	NONE	NONE	ALL	□ a b c d e f g ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	2&3	NONE				
91716-1505	91715-0006	CCT 2,5	NONE	d f	□□□ d f □ ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1506	91715-0006	NONE	NONE	a b f g	□ a b □□ f g ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1507	91715-0006	NONE	NONE	e f	□□□□ e f □ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1509	91715-0006	NONE	NONE	g	□□□□□□ g ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1510	91715-0006	CCT 2	NONE	c f	□□ c □□ f □ ⊕+⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1511	91715-0006	CCT 2,5	NONE	NONE	□□□□□□□ ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1512	91715-0006	CCT 3,5	NONE	NONE	□□□□□□□ ⊕⊕+⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1513	91715-0006	CCT 2,4	NONE	b d e f	□ b □ d e f □ ⊕+⊕+⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1514	91715-0106	CCT 3,5	NONE	NONE	□□□□□□□ ⊕⊕+⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	1&2	NONE				
91716-1515	91715-0206	CCT 2,5	NONE	NONE	□□□□□□□ ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	2&3	NONE				
91716-1516	91715-0306	NONE	NONE	c f	□□ c □□ f □ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	3&4	NONE				
91716-1517	91715-0006	NONE	NONE	c e	□□ c □ e □□ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1518	91715-0006	CCT 2,4	NONE	NONE	□□□□□□□ ⊕+⊕+⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1519	91715-0006	NONE	NONE	a c e	□ a □ c □ e □□ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1520	91715-0006	CCT 5	NONE	c e	□□ c □ e □□ ⊕⊕⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1521	91715-0006	CCT 2,4,5,6	NONE	c e	□□ c □ e □□ ⊕+⊕+⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1522	91715-0006	CCT 2,6	NONE	c e	□□ c □ e □□ ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1523	91715-0406	NONE	NONE	NONE	□□□□□□□ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	4&5	NONE				
91716-1524	91715-0006	CCT 2,4,5,6	NONE	NONE	□□□□□□□ ⊕+⊕+⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1525	91715-0006	CCT 2,6	NONE	NONE	□□□□□□□ ⊕+⊕⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1526	91715-0006	CCT 2,5	NONE	NONE	□□□□□□□ ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1527	91715-0006	CCT 2,5	NONE	c e	□□ c □ e □□ ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1528	91715-0006	CCT 2,5	NONE	a b d f g	□ a b □ d □ f g ⊕+⊕⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	GREEN				
91716-1529	91715-0006	NONE	NONE	d	□□□□ d □□□ ⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1531	91715-0006	CCT 1,2,3,5	NONE	NONE	□□□□□□□ +++⊕+++ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				
91716-1532	91715-0006	CCT 1,2,3,5	NONE	d f	□□□□ d □ f □ +++⊕+⊕ 1 2 3 4 5 6	OPEN	OPEN	NONE	NONE				

6CCT CONTINUED ON NEXT SHEET

NOTES

1. + DENOTES TERMINAL VOIDED POSITION

⊕ DENOTES TERMINAL LOADED POSITION

| DENOTES POLARIZING RIB POSITION

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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 APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) PRODUCT CUSTOMER DRAWING											
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL ± 0.5°																			
4 PLACES		±		EC NO: 814617				2024/02/05											
3 PLACES		± 0.05		DRWN: GOPIS				2025/03/04											
2 PLACES		± 0.1		CHK'D: GOPIS				2025/04/08											
1 PLACE		± 0.2		APPR: ISHWARG															
0 PLACES		±		INITIAL REVISION:															
				DRWN: CFISHER01				2016/05/06											
				APPR: BRUTTLE				2016/07/01											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE							
						A2-SIZE		91716		917160001		PSD							
										SEE TABLE		GENERAL MARKET							
												000							
												N5							
												5 OF 10							

DOCUMENT STATUS | P1 | RELEASE DATE | 2025/04/08 10:51:42

13121110987654321

14	13	12	11	10	9	8	7	6	5	4	3	2	1
7 CIRCUIT													
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE				
91716-2001	91715-0007	NONE	NONE	NONE	□□□□□□□□ ⊕1⊕2⊕3⊕4⊕5⊕6⊕7	OPEN	OPEN	NONE	NONE				
91716-2002	91715-0207	NONE	NONE	ALL	a b c d e f g h ⊕1⊕2⊕3⊕4⊕5⊕6⊕7	OPEN	OPEN	2&3	NONE				
91716-2004	91715-0007	NONE	NONE	a	a □□□□□□□□ ⊕1⊕2⊕3⊕4⊕5⊕6⊕7	OPEN	OPEN	NONE	NONE				
91716-2005	91715-0007	CCT 2	NONE	h	□□□□□□□h ⊕+⊕+⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2006	91715-0007	CCT 4	NONE	a	a □□□□□□□□ ⊕⊕⊕+⊕⊕⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2007	91715-0007	CCT 2	NONE	NONE	□□□□□□□□ ⊕+⊕+⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2008	91715-0007	CCT 6	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2009	91715-0007	CCT 2	NONE	b c e g	□ b c □ e □ g □ ⊕+⊕+⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2010	91715-0007	CCT 4,6	NONE	b d f	□ b □ d □ f □□ ⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	RED				
91716-2011	91715-0007	CCT 4,6	NONE	b d f	□ b □ d □ f □□ ⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2012	91715-0007	CCT 2	NONE	NONE	□□□□□□□□ ⊕+⊕+⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2013	91715-0007	CCT 2	NONE	b d e f h	□ b □ d e f □ h ⊕+⊕+⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2014	91715-0007	CCT 4,6	NONE	NONE	□□□□□□□□ ⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2015	91715-0007	CCT 4,6	NONE	c d e f h	□□ c d e f □ h ⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2016	91715-0007	CCT 6	NONE	c d e f h	□□ c d e f □ h ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2017	91715-0007	CCT 6	NONE	c d e f	□□ c d e f □□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2018	91715-0007	CCT 6	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2019	91715-0007	CCT 2	NONE	NONE	□□□□□□□□ ⊕+⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLACK				
91716-2020	91715-0007	NONE	NONE	a c e f h	a □ c □ e f □ h ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2021	91715-0007	NONE	NONE	a	a □□□□□□□□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLACK				
91716-2022	91715-0007	NONE	NONE	b c d f	□ b c d □ f □□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2023	91715-0007	NONE	NONE	a d	a □□ d □□□□□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2024	91715-0007	NONE	NONE	a b e f	a b □□ e f □□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2025	91715-0507	NONE	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	5&6	NONE				
91716-2026	91715-0007	NONE	NONE	ALL	a b c d e f g h ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2027	91715-0007	CCT 6	NONE	a c d e f	a □ c d e f □□ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	BLUE				
91716-2028	91715-0007	CCT 1,2,3,4,6	NONE	a c f	a □ c □□ f □□ +++⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				
91716-2029	91715-0007	CCT 4	NONE	a	a □□□□□□□□ ⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	RED				
91716-2030	93473-0307	NONE	NONE	ALL	a b c d e f g h ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	3&4	NONE	LOCKING RETENTION FEATURE			
91716-2031	91715-0307	NONE	NONE	ALL	a b c d e f g h ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	3&4	NONE				

N4

N4

7 CIRCUIT													
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE				
91716-2032	93473-0007	NONE	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE	LOCKING RETENTION FEATURE			
91716-2033	91715-0627	NONE	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕+⊕+⊕+ 1 2 3 4 5 6 7	CLOSED	CLOSED	6&7	NONE				
91716-2034	91715-0007	NONE	NONE	b c d e f g	□ b c d e f g □ ⊕⊕⊕⊕+⊕+ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE				

NOTES

1. + DENOTES TERMINAL VOIDED POSITION
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DIMENSION UNITS

SCALE

mm

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 0.5 °

4 PLACES ±

3 PLACES ± 0.05

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

CURRENT REV DESC:

EC NO: 814617
DRWN: GOPIS
CHK'D: GOPIS
APPR: ISHWARG

2024/02/05
2025/03/04
2025/04/08

INITIAL REVISION:
DRWN: CFISHER01
APPR: BRUTTLE

2016/05/06
2016/07/01

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)

PRODUCT CUSTOMER DRAWING

917160001

PSD

000

N5

SEE TABLE

GENERAL MARKET

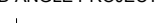
7 OF 10

DOCUMENT STATUS	P1	RELEASE DATE	2025/04/08	10:51:42									
13	12	11	10	9	8	7	6	5	4	3	2	1	

7 CIRCUIT										
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE	
91716-2032	93473-0007	NONE	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE	LOCKING RETENTION FEATURE
91716-2033	91715-0627	NONE	NONE	NONE	□□□□□□□□ ⊕⊕⊕⊕⊕⊕+⊕ 1 2 3 4 5 6 7	CLOSED	CLOSED	6&7	NONE	
91716-2034	91715-0007	NONE	NONE	b c d e f g	□ b c d e f g □ ⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7	OPEN	OPEN	NONE	NONE	

NOTES

1. + DENOTES TERMINAL VOIDED POSITION
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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex											
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)								APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)											
ANGULAR TOL ± 0.5 °																			
4 PLACES		±						EC NO: 814617				PRODUCT CUSTOMER DRAWING							
3 PLACES		± 0.05		DRWN: GOPIS 2024/02/05															
2 PLACES		± 0.1		CHK'D: GOPIS 2025/03/04				DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.2		APPR: ISHWARG 2025/04/08										917160001					
0 PLACES		±		INITIAL REVISION:				MATERIAL NUMBER											
DRWN: CFISHER01 2016/05/06				2016/07/01															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE		GENERAL MARKET				7 OF 10			
						A2-SIZE		91716											

14

13

12

11

10

9

8

7

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5

4

3

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1

8 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-2501	91715-0008	NONE	NONE	NONE	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	NONE
91716-2502	91715-0308	NONE	NONE	NONE	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	3&4	NONE
91716-2503	91715-0008	NONE	NONE	c f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ c f h i	OPEN	OPEN	NONE	NONE
91716-2504	91715-0008	NONE	NONE	b c d h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ b c d h i	OPEN	OPEN	NONE	NONE
91716-2505	91715-0008	NONE	NONE	b c g h	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ b c g h	OPEN	OPEN	NONE	BLUE
91716-2506	91715-0008	NONE	NONE	c f	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ c f	OPEN	OPEN	NONE	NONE
91716-2507	91715-0008	NONE	NONE	c f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ c f h i	OPEN	OPEN	NONE	BLUE
91716-2508	91715-0008	NONE	NONE	NONE	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	BLUE
91716-2509	91715-0008	NONE	NONE	a c d e g i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ a c d e g i	OPEN	OPEN	NONE	BLUE
91716-2510	91715-0008	NONE	NONE	c d e f	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ c d e f	OPEN	OPEN	NONE	BLUE
91716-2511	91715-0008	NONE	NONE	NONE	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	BLACK
91716-2512	91715-0008	NONE	NONE	c f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ c f h i	OPEN	OPEN	NONE	BLACK
91716-2513	91715-0008	NONE	NONE	c d g h	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ c d g h	OPEN	OPEN	NONE	NONE
91716-2514	91715-0008	NONE	NONE	a c d e f g h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ a c d e f g h i	OPEN	OPEN	NONE	BLUE
91716-2515	91715-0008	NONE	NONE	a b d f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ a b d f h i	OPEN	OPEN	NONE	NONE
91716-2516	91715-0008	NONE	NONE	b c d h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ b c d h i	OPEN	OPEN	NONE	BLUE
91716-2517	91715-2008	NONE	NONE	NONE	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	1&2, 7&8	NONE
91716-2518	91715-0008	NONE	NONE	b c d f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ b c d f h i	OPEN	OPEN	NONE	NONE
91716-2519	91715-0008	NONE	NONE	a c e f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ a c e f h i	OPEN	OPEN	NONE	NONE
91716-2520	91715-0008	NONE	NONE	ALL	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	NONE
91716-2521	91715-0008	CCT 7 & 8	NONE	a b d f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ a b d f h i	OPEN	OPEN	NONE	NONE
91716-2522	91715-0008	NONE	NONE	b c d f h i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ b c d f h i	OPEN	OPEN	NONE	BLUE
91716-2523	91715-0008	CCT 2, 4 & 6	NONE	a c d e f g	12345678 ⊕+⊕+⊕+⊕⊕⊕ a c d e f g	OPEN	OPEN	NONE	NONE
91716-2524	91715-0068	CCT 2, 4 & 6	NONE	a c d e f g	12345678 ⊕+⊕+⊕+⊕⊕⊕ a c d e f g	CLOSED	OPEN	NONE	BROWN
91716-2525	91715-2108	NONE	NONE	a i	12345678 ⊕⊕⊕⊕⊕⊕⊕⊕ a i	OPEN	OPEN	1&2, 6&7	NONE

9 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-3001	91715-0009	NONE	NONE	NONE	123456789 ⊕⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	NONE	NONE
91716-3002	91715-0409	NONE	NONE	NONE	123456789 ⊕⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	4&5	NONE
91716-3003	91715-0009	CCT 2,5,8	NONE	NONE	123456789 ⊕+⊕⊕+⊕⊕+⊕	OPEN	OPEN	NONE	NONE
91716-3004	91715-0209	NONE	NONE	NONE	123456789 ⊕⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	2&3	NONE
91716-3005	91715-0009	CCT 2,5,8	NONE	b c e g i j	123456789 ⊕+⊕⊕+⊕⊕+⊕ b c e g i j	OPEN	OPEN	NONE	GREEN
91716-3006	91715-0009	CCT 2,5,8	NONE	NONE	123456789 ⊕+⊕⊕+⊕⊕+⊕	OPEN	OPEN	NONE	GREEN
91716-3007	91715-0009	CCT 2,5,8	NONE	b c e f g i j	123456789 ⊕+⊕⊕+⊕⊕+⊕ b c e f g i j	OPEN	OPEN	NONE	GREEN
91716-3008	91715-0009	CCT 2,5,8	NONE	b c e f g i	123456789 ⊕+⊕⊕+⊕⊕+⊕ b c e f g i	OPEN	OPEN	NONE	GREEN
91716-3009	91715-0009	CCT 2,5,7	NONE	c g	123456789 ⊕+⊕⊕+⊕⊕+⊕ c g	OPEN	OPEN	NONE	NONE
91716-3010	91715-0009	CCT 2,5,8	NONE	b c h i	123456789 ⊕+⊕⊕+⊕⊕+⊕ b c h i	OPEN	OPEN	NONE	NONE
91716-3011	91715-0709	NONE	NONE	NONE	123456789 ⊕⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	7&8	NONE
91716-3012	91715-0509	NONE	NONE	NONE	123456789 ⊕⊕⊕⊕⊕⊕⊕⊕⊕	OPEN	OPEN	5&6	NONE
91716-3013	91715-0029	NONE	NONE	NONE	123456789 ⊕⊕⊕⊕⊕⊕⊕⊕⊕	CLOSED	CLOSED	NONE	NONE

NOTES

1. +DENOTES TERMINAL VOIDED POSITION

⊕DENOTES TERMINAL LOADED POSITION

| DENOTES POLARIZING RIB POSITION

2. MOLEX HOUSING NO. FOR REFERENCE ONLY

DOCUMENT STATUS

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 0.5 °

4 PLACES ±

3 PLACES ± 0.05

2 PLACES ± 0.1

1 PLACE ± 0.2

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 814617

DRWN: GOPIS

CHK'D: GOPIS

APPR: ISHWARG

INITIAL REVISION:

DRWN: CFISHER01

APPR: BRUTTLE

THIRD ANGLE PROJECTION

DRAWING

SERIES

2024/02/05

2025/03/04

2025/04/08

2016/05/06

2016/07/01

DOCUMENT NUMBER

917160001

MATERIAL NUMBER

SEE TABLE

DOC TYPE

PSD

DOC PART

000

REVISION

N5

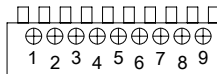
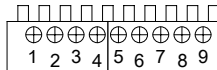
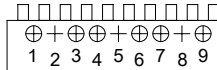
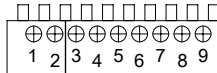
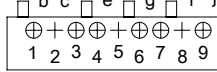
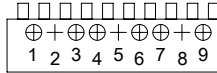
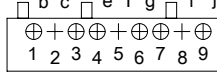
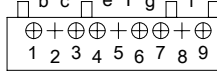
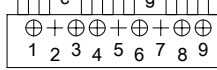
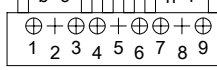
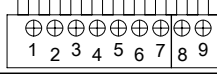
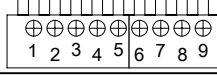
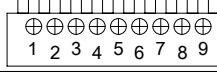
SHEET NUMBER

8 OF 10

APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)

PRODUCT CUSTOMER DRAWING

GENERAL MARKET

9 CIRCUIT									
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-3001	91715-0009	NONE	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-3002	91715-0409	NONE	NONE	NONE		OPEN	OPEN	4&5	NONE
91716-3003	91715-0009	CCT 2,5,8	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-3004	91715-0209	NONE	NONE	NONE		OPEN	OPEN	2&3	NONE
91716-3005	91715-0009	CCT 2,5,8	NONE	b c e g i j		OPEN	OPEN	NONE	GREEN
91716-3006	91715-0009	CCT 2,5,8	NONE	NONE		OPEN	OPEN	NONE	GREEN
91716-3007	91715-0009	CCT 2,5,8	NONE	b c e f g i j		OPEN	OPEN	NONE	GREEN
91716-3008	91715-0009	CCT 2,5,8	NONE	b c e f g i		OPEN	OPEN	NONE	GREEN
91716-3009	91715-0009	CCT 2,5,7	NONE	c g		OPEN	OPEN	NONE	NONE
91716-3010	91715-0009	CCT 2,5,8	NONE	b c h i		OPEN	OPEN	NONE	NONE
91716-3011	91715-0709	NONE	NONE	NONE		OPEN	OPEN	7&8	NONE
91716-3012	91715-0509	NONE	NONE	NONE		OPEN	OPEN	5&6	NONE
91716-3013	91715-0029	NONE	NONE	NONE		CLOSED	CLOSED	NONE	NONE

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)								APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)			
ANGULAR TOL ± 0.5 °											
4 PLACES ±											
3 PLACES ± 0.05		CHK'D: GOPIS		2024/02/05		PRODUCT CUSTOMER DRAWING					
2 PLACES ± 0.1		APPR: ISHWARG		2025/03/04							
1 PLACE ± 0.2		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES ±		DRWN: CFISHER01		2016/05/06		917160001		PSD	000	N5	
		APPR: BRUTTLE		2016/07/01							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A2-SIZE		SERIES 91716		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	SHEET NUMBER 8 OF 10

FORMAT: master-B5-prod-A2 REVISION: 2 DATE: 20200114	13	12	11	10	9	8	7	6	5	4	3	2	1
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10 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-3501	91715-0010	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	NONE	NONE
91716-3502	91715-0210	NONE	NONE	ALL	a b c d e f g h i j k ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	2&3	NONE
91716-3503	91715-0010	Cct 2,5,7,9	NONE	NONE	⊕+⊕⊕+⊕+⊕+⊕ 1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	NONE	NONE
91716-3504	91715-0410	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	4&5	NONE
91716-3505	91715-0010	NONE	NONE	b c d e f g h i j	⊕ b c d e f g h i j ⊕ ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	NONE	NONE
91716-3506	91715-0010	NONE	NONE	a	a ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10	OPEN	OPEN	NONE	NONE

11 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-4001	91715-0011	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	NONE
91716-4002	91715-0031	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	CLOSED	CLOSED	NONE	NONE
91716-4003	91715-0511	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	5&6	NONE
91716-4004	91715-1031	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	CLOSED	CLOSED	10&11	NONE
91716-4005	91715-1011	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	10&11	NONE
91716-4006	91715-0011	CCT 5,6,7	NONE	NONE	⊕⊕⊕⊕⊕++⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	NONE
91716-4007	91715-0011	CCT 5,6,7	NONE	a d e f h i j l	a ⊕⊕⊕⊕++⊕⊕⊕⊕⊕ ⊕⊕⊕⊕++⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	NONE
91716-4008	91715-0011	CCT 5,6,7	NONE	a b e f g i j k	a b ⊕⊕⊕⊕ e f g ⊕ i j k ⊕ ⊕⊕⊕⊕++⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	NONE
91716-4009	91715-0011	NONE	NONE	b c d e f g h i j k	⊕ b c d e f g h i j k ⊕ ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11	OPEN	OPEN	NONE	NONE

12 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-4501	91715-0012	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	NONE
91716-4502	91715-0012	CCT 2,5,8,11	NONE	b c d e j k l	⊕ b c d e ⊕⊕⊕⊕ j k l ⊕ ⊕+⊕⊕+⊕⊕+⊕⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	GREEN
91716-4503	91715-0012	CCT 2,5,8,11	NONE	NONE	⊕+⊕⊕+⊕⊕+⊕⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	GREEN
91716-4504	91715-0012	CCT 2,5,8,11	NONE	a c d e g h i k l m	a ⊕⊕⊕⊕ g h i ⊕ k l m ⊕+⊕⊕+⊕⊕+⊕⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	GREEN
91716-4505	91715-0012	CCT 2,5,8,11	NONE	c d e g h i k l m	⊕⊕ c d e ⊕ g h i ⊕ k l m ⊕+⊕⊕+⊕⊕+⊕⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12	OPEN	OPEN	NONE	GREEN

13 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-5001	91715-0013	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13	OPEN	OPEN	NONE	NONE
91716-5002	91715-0013	CCT 4,6,8,10,12	NONE	NONE	⊕⊕⊕⊕+⊕+⊕+⊕+⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13	OPEN	OPEN	NONE	NONE
91716-5003	91715-0013	NONE	NONE	c f h i k l	⊕⊕ c ⊕⊕ f ⊕ h i ⊕ k l ⊕⊕ ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13	OPEN	OPEN	NONE	NONE

14 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-5501	91715-0014	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14	OPEN	OPEN	NONE	NONE

15 CIRCUIT

PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-6001	91715-0015	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	OPEN	OPEN	NONE	NONE
91716-6002	91715-0015	CCT 4,6,8,10,12,14	NONE	o p	⊕⊕⊕⊕+⊕+⊕+⊕+⊕+⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	OPEN	OPEN	NONE	NONE
91716-6003	91715-0515	NONE	NONE	a p	a ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ ⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	OPEN	OPEN	5&6	NONE

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DIMENSION UNITS	SCALE	CURRENT REV DESC:	molex APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) PRODUCT CUSTOMER DRAWING				
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)							
ANGULAR TOL ± 0.5 °							
4 PLACES ±							
3 PLACES ± 0.05		EC NO: 814617	2024/02/05				
2 PLACES ± 0.1		DRWN: GOPIS	2025/03/04				
1 PLACE ± 0.2		CHK'D: GOPIS	2025/04/08				
0 PLACES ±		APPR: ISHWARG					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		INITIAL REVISION: DRWN: CFISHER01 APPR: BRUTTLE	2016/05/06 2016/07/01	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A2-SIZE	91716	SEE TABLE	GENERAL MARKET	9 OF 10

NOTES

1. + DENOTES TERMINAL VOIDED POSITION

⊕ DENOTES TERMINAL LOADED POSITION

| DENOTES POLARIZING RIB POSITION

2. MOLEX HOUSING NO. FOR REFERENCE ONLY

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16 CIRCUIT									
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-6501	91715-0016	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	OPEN	OPEN	NONE	NONE
91716-6502	91715-0416	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	OPEN	OPEN	4&5	NONE
91716-6503	91715-7076	CCT 2 & 15	CCT 2 & 15	NONE	⊕+⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕+⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	CLOSED	OPEN	NONE	NONE

17 CIRCUIT									
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-7001	91715-0017	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	OPEN	OPEN	NONE	NONE

18 CIRCUIT									
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-7501	91715-0018	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	OPEN	OPEN	NONE	NONE

19 CIRCUIT									
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-8001	91715-0019	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	OPEN	OPEN	NONE	NONE

20 CIRCUIT									
PART NUMBER	HOUSING USED	TERMINAL VOID POITION	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91716-8501	91715-0020	NONE	NONE	NONE	⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕⊕ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	OPEN	OPEN	NONE	NONE

NOTES

1.

+ DENOTES TERMINAL VOIDED POSITION

⊕ DENOTES TERMINAL LOADED POSITION

| DENOTES POLARIZING RIB POSITION
2.

MOLEX HOUSING NO. FOR REFERENCE ONLY

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DIMENSION UNITS	SCALE	CURRENT REV DESC:		mo lex			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 814617 DRWN: GOPIS CHK'D: GOPIS APPR: ISHWARG INITIAL REVISION: DRWN: CFISHER01 APPR: BRUTTLE		APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)		PRODUCT CUSTOMER DRAWING	
ANGULAR TOL	± 0.5 °						
4 PLACES	±						
3 PLACES	± 0.05						
2 PLACES	± 0.1	2024/02/05		2025/03/04		2025/04/08	
1 PLACE	± 0.2	2016/05/06		2016/07/01		DOCUMENT NUMBER	
0 PLACES	±	2016/07/01		917160001		DOC TYPE	DOC PART
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	
			A2-SIZE	91716	SEE TABLE	GENERAL MARKET	
						SHEET NUMBER	
						10 OF 10	