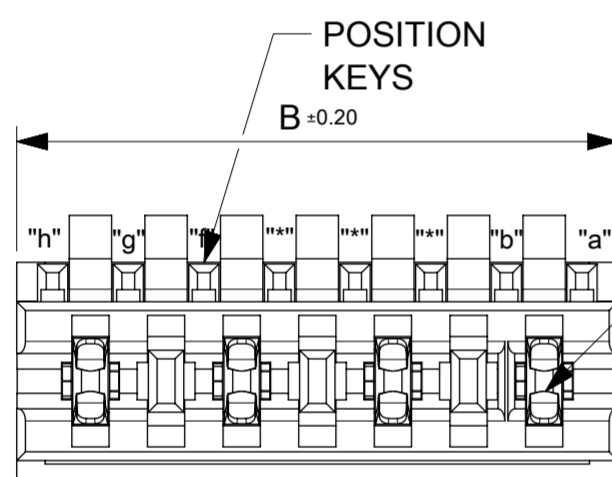
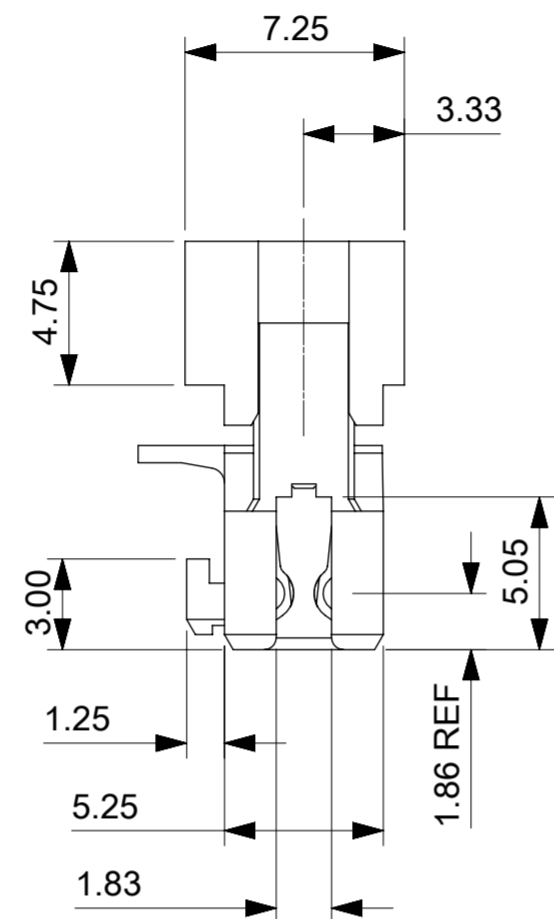
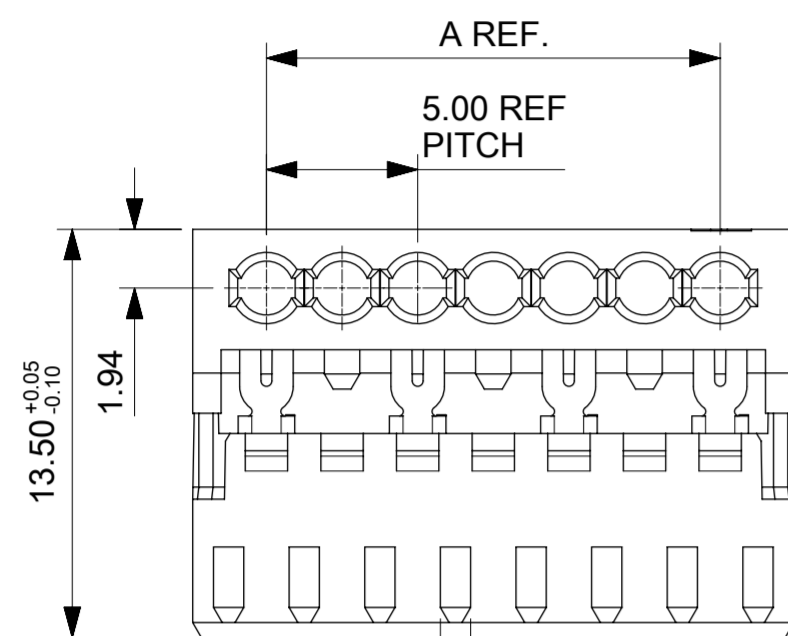
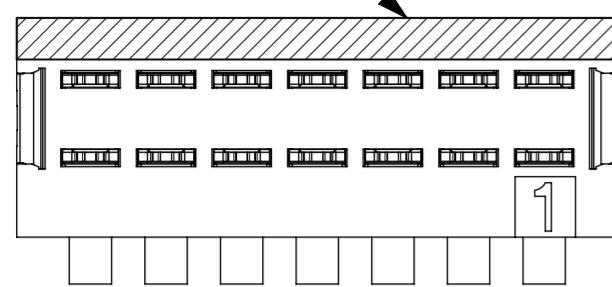
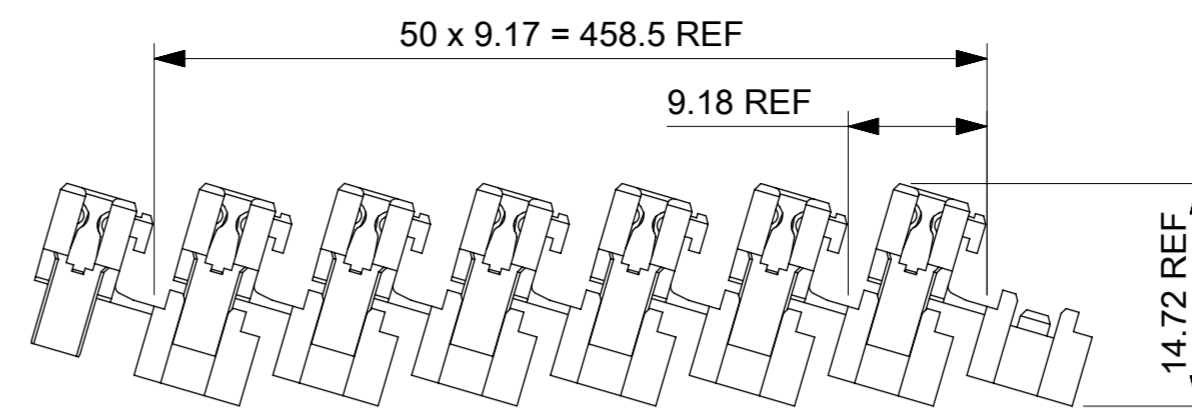


POSITION OF COLOUR STRIPE (see note 3)

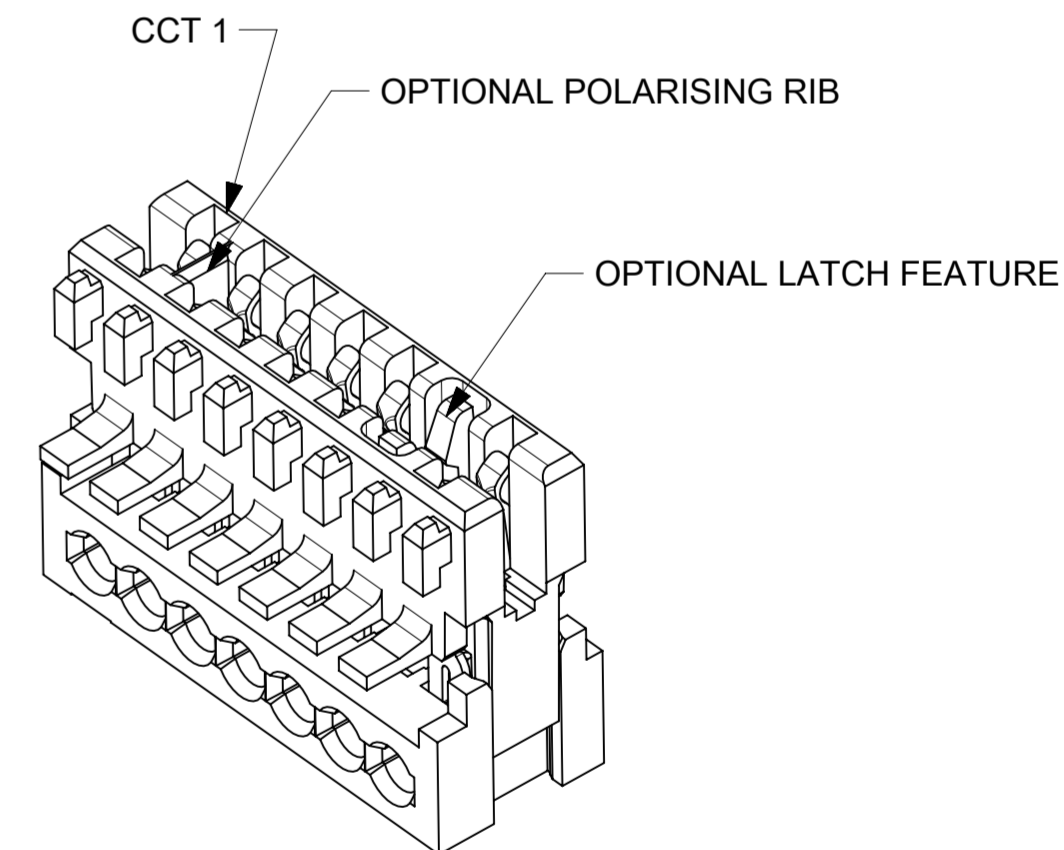


CIRCUIT 1

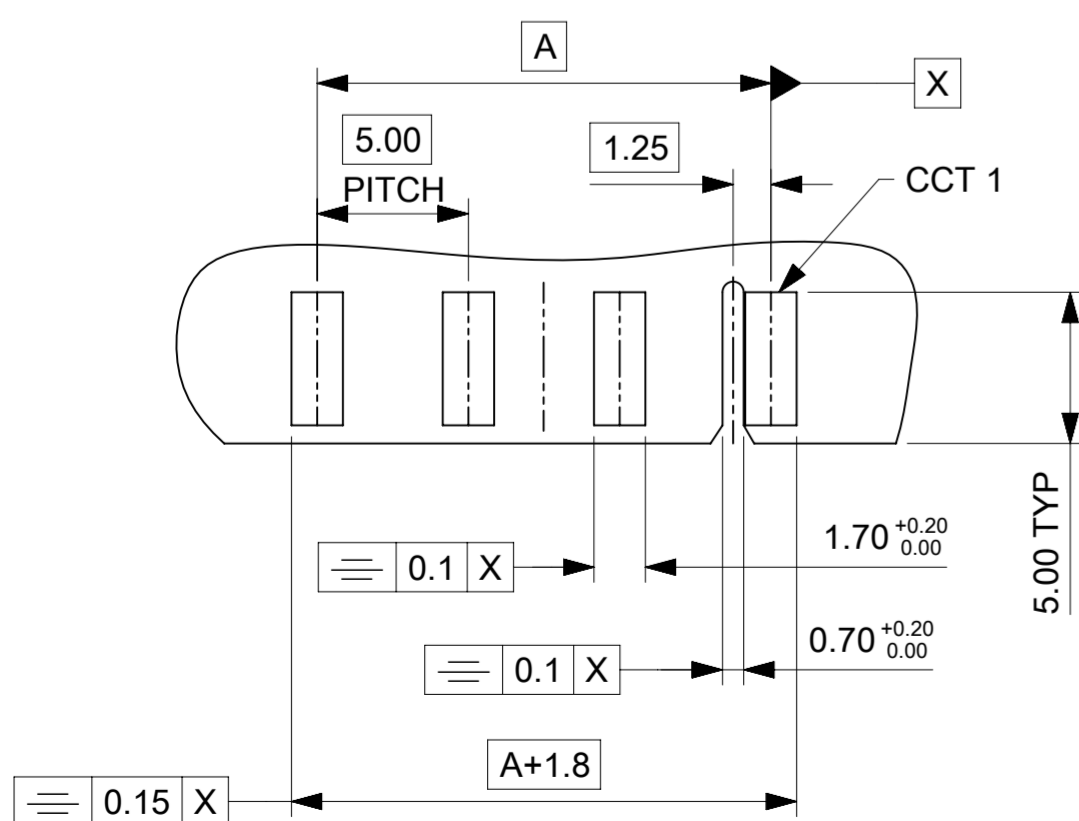


SHIPPING ARRANGEMENT

CCT	A	B
2	5.0	9.875
3	10.0	14.875
4	15.0	19.875
5	20.0	24.875
6	25.0	29.875
7	30.0	34.875
8	35.0	39.875
9	40.0	44.875
10	45.0	49.875



OPEN END WALLS OPTION



- PCB LAYOUT FOR 4CCT (5mm) CONNECTOR (WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCT 1 & 2)
 - RECOMMENDED PCB THICKNESS 1.5±0.14MM

NOTES:

- REFER TO PRODUCT SPECIFICATION: PS-99020-0040.
- MATERIAL: HOUSING - NYLON PA6 UL94-V0, COLOUR: NATURAL (WHITE).
 TERMINAL: PHOSPHOR BRONZE 0.30 REF. THICK - PLATING HOT TIN DIP.
- COLOUR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING COLOURS: BLACK, RED, GREEN, BLUE
- REFER TO PACKAGING SPEC (PK-90871-001).
- REFER TO APPLICATION SPEC (990330008 AS)
- RIB THICKNESS = 0.38mm

F1

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DIMENSION UNITS	SCALE	CURRENT REV DESC:	molex			
mm			APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)			
GENERAL TOLERANCES (UNLESS SPECIFIED)						
ANGULAR TOL	± 0.5°	EC NO: 701611	PRODUCT CUSTOMER DRAWING			
4 PLACES	±	DRWN: MBN02 2022/03/28				
3 PLACES	± 0.05	CHK'D: MBN02 2022/03/31	DOCUMENT NUMBER: 917170001 DOC TYPE: PSD DOC PART: 000 REVISION: G1			
2 PLACES	± 0.1	APPR: SDEVITT 2022/03/31				
1 PLACE	± 0.2	INITIAL REVISION:	MATERIAL NUMBER: SEE CHARTS CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 4			
0 PLACES	±	DRWN: CFISHER01 2016/05/06				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING: A2-SIZE	SERIES: 91717	

2 CIRCUIT

PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-0002	91715-0003	NONE	NONE		OPEN	OPEN	NONE	NONE
91717-0003	91715-0003	NONE	a		OPEN	OPEN	NONE	NONE
91717-0004	91715-0003	NONE	b		OPEN	OPEN	NONE	NONE
91717-0005	91715-0003	NONE	c		OPEN	OPEN	NONE	NONE
91717-0006	91715-0003	NONE	d		OPEN	OPEN	NONE	NONE
91717-0007	91715-0003	NONE	b d		OPEN	OPEN	NONE	NONE
91717-0008	91715-0003	NONE	a c		OPEN	OPEN	NONE	NONE
91717-0009	91715-0003	NONE	a d		OPEN	OPEN	NONE	NONE
91717-0010	91715-0003	NONE	a b		OPEN	OPEN	NONE	NONE
91717-0011	91715-0003	NONE	b c		OPEN	OPEN	NONE	NONE
91717-0012	91715-0003	NONE	c d		OPEN	OPEN	NONE	NONE
91717-0013	91715-0003	NONE	b c		OPEN	OPEN	NONE	RED
91717-0014	91715-0003	NONE	b c d		OPEN	OPEN	NONE	NONE
91717-0015	91715-0003	NONE	b c d		OPEN	OPEN	NONE	BLUE
91717-0016	91715-0003	NONE	c d		OPEN	OPEN	NONE	BLUE
91717-0017	91715-0203	NONE	NONE		OPEN	OPEN	CCT 2&3	NONE
91717-0018	91715-0103	NONE	NONE		OPEN	OPEN	CCT 1&2	NONE
91717-0019	91715-0003	NONE	NONE		OPEN	OPEN	NONE	BLUE
91717-0020	91715-0003	NONE	a c		OPEN	OPEN	NONE	BLUE
91717-0021	91715-0003	NONE	b c		OPEN	OPEN	NONE	GREEN
91717-0022	91715-0003	NONE	a d		OPEN	OPEN	NONE	GREEN
91717-0023	91715-0003	NONE	NONE		OPEN	OPEN	NONE	GREEN
91717-0024	91715-0103	NONE	d		OPEN	OPEN	CCT 1&2	RED
91717-0025	91715-0103	NONE	a c		OPEN	OPEN	CCT 1&2	RED
91717-0026	91715-0203	NONE	a		OPEN	OPEN	CCT 2&3	NONE
91717-0027	91715-0203	NONE	NONE		OPEN	OPEN	CCT 2&3	RED
91717-0028	91715-0003	NONE	a		OPEN	OPEN	NONE	RED
91717-0029	91715-0003	NONE	NONE		OPEN	OPEN	NONE	RED
91717-0030	91715-0103	NONE	b c d		OPEN	OPEN	CCT 1&2	RED
91717-0031	91715-0203	NONE	a		OPEN	OPEN	CCT 2&3	RED

2 CIRCUIT (CONT)

PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-0032	91715-0003	NONE	b		OPEN	OPEN	NONE	RED
91717-0033	91715-0003	NONE	d		OPEN	OPEN	NONE	YELLOW
91717-0035	91715-0003	NONE	b d		OPEN	OPEN	NONE	GREEN
91717-0036	91715-0103	NONE	NONE		OPEN	OPEN	CCT 1&2	RED
91717-0037	91715-0103	NONE	b d		OPEN	OPEN	CCT 1&2	RED
91717-0038	91715-0203	NONE	a c		OPEN	OPEN	CCT 2&3	NONE
91717-0039	91715-0003	NONE	a b d		OPEN	OPEN	NONE	NONE
91717-0040	91715-0003	NONE	a		OPEN	OPEN	NONE	BLUE
91717-0041	91715-0103	NONE	a d		OPEN	OPEN	CCT 1&2	NONE
91717-0042	91715-0103	NONE	NONE		OPEN	OPEN	CCT 1&2	GREEN
91717-0043	91715-0203	NONE	d		OPEN	OPEN	CCT 2&3	NONE
91717-0044	91715-0003	NONE	a c d		OPEN	OPEN	NONE	NONE
91717-0045	91715-0003	NONE	a b c		OPEN	OPEN	NONE	NONE
91717-0046	91715-0003	NONE	a b d		OPEN	OPEN	NONE	RED
91717-0047	91715-0003	NONE	a c d		OPEN	OPEN	NONE	PURPLE

NOTES

- + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION
- MOLEX HOUSING NO. FOR REFERENCE ONLY

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DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 701611				APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)	
ANGULAR TOL ± 0.5°				DRWN: MBN02 2022/03/28					
4 PLACES ±				CHK'D: MBN02 2022/03/31					
3 PLACES ± 0.05				APPR: SDEVITT 2022/03/31				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.1				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.2				DRWN: CFISHER01 2016/05/06				917170001	
0 PLACES ±				APPR: BRUTTLE 2016/07/01				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A2-SIZE		91717		SEE CHARTS	
				CUSTOMER		GENERAL MARKET		SHEET NUMBER	
								2 OF 4	

3 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-1001	91715-0005	NONE	NONE		OPEN	OPEN	NONE	NONE
91717-1002	91715-0005	NONE	b		OPEN	OPEN	NONE	NONE
91717-1003	91715-0005	NONE	c		OPEN	OPEN	NONE	NONE
91717-1004	91715-0005	NONE	c d e		OPEN	OPEN	NONE	NONE
91717-1005	91715-0405	NONE	NONE		OPEN	OPEN	CCT 4&5	NONE
91717-1007	91715-0105	NONE	NONE		OPEN	OPEN	CCT 1&2	NONE
91717-1008	91715-0005	NONE	d e f		OPEN	OPEN	NONE	RED
91717-1009	91715-0005	NONE	a b c		OPEN	OPEN	NONE	RED
91717-1010	91715-0005	NONE	a c d e		OPEN	OPEN	NONE	NONE
91717-1011	91715-0005	NONE	a c d e		OPEN	OPEN	NONE	BLUE
91717-1012	91715-0005	NONE	b c d e		OPEN	OPEN	NONE	NONE
91717-1013	91715-0005	NONE	a c e		OPEN	OPEN	NONE	NONE
91717-1014	91715-0005	NONE	a e		OPEN	OPEN	NONE	NONE
91717-1015	91715-0005	NONE	a e		OPEN	OPEN	NONE	BLACK
91717-1016	91715-0005	NONE	d e f		OPEN	OPEN	NONE	NONE
91717-1017	91715-0005	NONE	NONE		OPEN	OPEN	NONE	GREEN
91717-1018	91715-0005	NONE	d f		OPEN	OPEN	NONE	NONE
91717-1019	91715-0425	NONE	NONE		CLOSED	CLOSED	CCT 4&5	NONE
91717-1020	91715-0005	NONE	d		OPEN	OPEN	NONE	NONE
91717-1021	91715-0005	NONE	c d e f		OPEN	OPEN	NONE	NONE
91717-1022	91715-0005	NONE	a b		OPEN	OPEN	NONE	NONE
91717-1023	91715-0105	NONE	c d e f		OPEN	OPEN	CCT 1&2	NONE

4 CIRCUIT									
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE	
91717-2001	91715-0007	NONE	NONE		OPEN	OPEN	NONE	NONE	
91717-2002	91715-0007	NONE	a		OPEN	OPEN	NONE	NONE	
91717-2003	91715-0007	NONE	b		OPEN	OPEN	NONE	NONE	
91717-2004	91715-0007	NONE	d f		OPEN	OPEN	NONE	NONE	
91717-2005	91715-0007	NONE	a e g		OPEN	OPEN	NONE	RED	
91717-2006	91715-0007	NONE	c e		OPEN	OPEN	NONE	NONE	
91717-2007	91715-0007	NONE	a b d e g		OPEN	OPEN	NONE	NONE	
91717-2008	91715-0007	NONE	NONE		OPEN	OPEN	NONE	BLUE	
91717-2009	91715-0007	NONE	a d g		OPEN	OPEN	NONE	BROWN	
91717-2010	91715-0007	NONE	a b f g h		OPEN	OPEN	NONE	BROWN	
91717-2011	91715-0007	NONE	NONE		OPEN	OPEN	NONE	GREEN	
91717-2014	91715-0007	NONE	a c f		OPEN	OPEN	NONE	NONE	

NOTES

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DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 701611				APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)	
ANGULAR TOL ± 0.5°				DRWN: MBN02 2022/03/28					
4 PLACES ±				CHK'D: MBN02 2022/03/31					
3 PLACES ± 0.05				APPR: SDEVITT 2022/03/31				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.1				INITIAL REVISION:					
1 PLACE ± 0.2				DRWN: CFISHER01 2016/05/06				DOCUMENT NUMBER	
0 PLACES ±				APPR: BRUTTLE 2016/07/01				917170001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A2-SIZE		91717		SEE CHARTS	
						CUSTOMER		SHEET NUMBER	
						GENERAL MARKET		3 OF 4	

5 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-3001	91715-0009	NONE	NONE		OPEN	OPEN	NONE	NONE
91717-3002	91715-0009	NONE	b c g h i		OPEN	OPEN	NONE	GREEN
91717-3003	91715-0009	NONE	ALL		OPEN	OPEN	NONE	NONE
91717-3004	91715-0009	NONE	NONE		OPEN	OPEN	NONE	RED
91717-3005	91715-0009	NONE	b c d e f g i j		OPEN	OPEN	NONE	NONE
91717-3006	91715-0109	NONE	NONE		OPEN	OPEN	1&2	NONE

6 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-4001	91715-0011	NONE	NONE		OPEN	OPEN	NONE	NONE
91717-4002	91715-0011	NONE	b c d e f g h i k		OPEN	OPEN	NONE	NONE
91717-4003	91715-0011	NONE	NONE		OPEN	OPEN	NONE	GREEN
91717-4004	91715-0211	NONE	NONE		OPEN	OPEN	2 & 3	NONE

7 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-5001	91715-0013	NONE	a c e g i k m		OPEN	OPEN	NONE	NONE

NOTES

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- | DENOTES POLARIZING RIB POSITION
2. MOLEX HOUSING NO. FOR REFERENCE ONLY

8 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-6001	91715-0015	NONE	NONE		OPEN	OPEN	NONE	NONE

9 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-7001	91715-0017	NONE	NONE		OPEN	OPEN	NONE	NONE

10 CIRCUIT								
PART NUMBER	HOUSING USED	LATCH POSITION	REMOVED POSITION KEYS	CONFIGURATION	FIRST ENDWALL	LAST ENDWALL	POLARIZING RIB BETWEEN	COLOUR STRIPE
91717-8001	91715-0019	NONE	NONE		OPEN	OPEN	NONE	NONE

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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 701611				APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)	
ANGULAR TOL ± 0.5°				DRWN: MBN02 2022/03/28					
4 PLACES ±				CHK'D: MBN02 2022/03/31					
3 PLACES ± 0.05				APPR: SDEVITT 2022/03/31				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.1				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.2				DRWN: CFISHER01 2016/05/06				917170001	
0 PLACES ±				APPR: BRUTTLE 2016/07/01				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A2-SIZE		91717	
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				SEE CHARTS		GENERAL MARKET		4 OF 4	