

1413121110987654321

4000012662

POSITION OF COLOUR STRIPE (see note 3)

1

50 x 9.17 = 458.5 REF

9.18 REF

14.72 REF

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

A REF.

5.00 REF PITCH

13.50 +0.05 -0.10

1.94

1.0

7.25

3.33

4.75

3.00

1.25

5.25

1.83

5.05

1.86 REF

POSITION KEYS

B +0.20

"h"

"g"

"f"

"e"

"d"

"c"

"b"

"a"

CIRCUIT 1

A

5.00 PITCH

1.25

CCT 1

1.70 +0.20 0.00

0.70 +0.20 0.00

5.00 TYP

0.1 X

0.1 X

0.15 X

A+1.8

X

NOTES:

1. REFER TO PRODUCT SPECIFICATION: PS-99020-0040.

2. MATERIAL: HOUSING - NYLON PA6 UL94-V0, COLOUR: NATURAL (WHITE).
TERMINAL: PHOSPHOR BRONZE 0.30 REF. THICK - PLATING HOT TIN DIP.

3. COLOUR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING
COLOURS: BLACK, RED, GREEN, BLUE

4. REFER TO PACKAGING SPEC (PK-90871-001).

5. REFER TO APPLICATION SPEC (990330008 AS)

F1 6. RIB THICKNESS = 0.38mm

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				APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 701611		PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 0.5 °		DRWN: MBN02 2022/03/28		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
4 PLACES ±		CHK'D: MBN02 2022/03/31		917170001		PSD	000	G1
3 PLACES ± 0.05		APPR: SDEVITT 2022/03/31		INITIAL REVISION:		MATERIAL NUMBER		
2 PLACES ± 0.1		DRWN: CFISHER01 2016/05/06		2016/07/01		CUSTOMER		SHEET NUMBER
1 PLACE ± 0.2		APPR: BRUTTLE		2016/07/01		GENERAL MARKET		1 OF 4
0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		
				A2-SIZE		SERIES		
				91717				

OPEN END WALLS OPTION

CCT 1

OPTIONAL POLARISING RIB

OPTIONAL LATCH FEATURE

- PCB LAYOUT FOR 4CCT (5mm) CONNECTOR (WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCT 1 & 2)

- RECOMMENDED PCB THICKNESS 1.5±0.14MM

DOCUMENT STATUS

P1

RELEASE DATE

2022/03/31

14:12:54

13121110987654321

	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
H	2 CIRCUIT														H
	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						
G	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						
F	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						
E	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						
D	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						
C	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						
B	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						
A	91717-0031	91715-0203	NONE	a		OPEN	OPEN	CCT 2&3	RED						
	DOCUMENT STATUS	P1	RELEASE DATE	2022/03/31	14:12:54										
	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	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														
	1. + DENOTES TERMINAL VOIDED POSITION ⊕ DENOTES TERMINAL LOADED POSITION DENOTES POLARIZING RIB POSITION 2. MOLEX HOUSING NO. FOR REFERENCE ONLY														
	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: 1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 0.5 ° 4 PLACES ± 0.1 3 PLACES ± 0.05 2 PLACES ± 0.1 1 PLACE ± 0.2 0 PLACES ± 0.1 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
	EC NO: 701611 DRWN: MBN02 CHK'D: MBN02 APPR: SDEVITT INITIAL REVISION: DRWN: CFISHER01 APPR: BRUTTLE 2022/03/28 2022/03/31 2022/03/31 2016/05/06 2016/07/01														
	DOCUMENT NUMBER: 917170001 DOC TYPE: PSD DOC PART: 000 REVISION: G1														
	MATERIAL NUMBER: SEE CHARTS CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 4														
	14	13	12	11	10	9	8	7	6	5	4	3	2	1	

	14	13	12	11	10	9	8	7	6	5	4	3	2	1			
H	3 CIRCUIT														H		
	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								
G	91717-1004	91715-0005	NONE	c d e		OPEN	OPEN	NONE	NONE					G			
	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								
F	91717-1009	91715-0005	NONE	a b c		OPEN	OPEN	NONE	RED					F			
	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								
E	91717-1013	91715-0005	NONE	a c e		OPEN	OPEN	NONE	NONE					E			
	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								
D	91717-1017	91715-0005	NONE	NONE		OPEN	OPEN	NONE	GREEN					D			
	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								
C	91717-1022	91715-0005	NONE	a b		OPEN	OPEN	NONE	NONE					C			
	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																
	1. + DENOTES TERMINAL VOIDED POSITION ⊕ DENOTES TERMINAL LOADED POSITION DENOTES POLARIZING RIB POSITION 2. MOLEX HOUSING NO. FOR REFERENCE ONLY																
B															B		
A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																A
	DIMENSION UNITS		SCALE		CURRENT REV DESC:							molex					
	mm																
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 701611 DRWN: MBN02 2022/03/28 CHK'D: MBN02 2022/03/31 APPR: SDEVITT 2022/03/31						APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)					
	ANGULAR TOL ± 0.5 °																
	4 PLACES ±																
	3 PLACES ± 0.05																
	2 PLACES ± 0.1					INITIAL REVISION: DRWN: CFISHER01 2016/05/06 APPR: BRUTTLE 2016/07/01						PRODUCT CUSTOMER DRAWING					
	1 PLACE ± 0.2											DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	0 PLACES ±											917170001		PSD	000	G1	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
								A2-SIZE	91717	SEE CHARTS		GENERAL MARKET		3 OF 4			
	DOCUMENT STATUS	P1	RELEASE DATE	2022/03/31	14:12:54												
	4	13	12	11	10	9	8	7	6	5	4	3	2	1			

