

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

POSITION KEYS

B +0.20

"h" "g" "f" "e" "d" "c" "b" "a"

CIRCUIT 1

7.25

3.33

4.75

3.00

1.25

5.25

1.83

5.05

1.86 REF

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

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

- RECOMMENDED PCB THICKNESS 1.5±0.14MM

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

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DIMENSION UNITS	SCALE	CURRENT REV DESC:
mm		
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

EC NO: 701611	2022/03/28	PRODUCT CUSTOMER DRAWING
DRWN: MBN02	2022/03/31	
CHK'D: MBN02	2022/03/31	
APPR: SDEVITT	2022/03/31	INITIAL REVISION:
DRWN: CFISHER01	2016/05/06	DRWN: BRUTTLE
APPR: BRUTTLE	2016/07/01	
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHARTS	GENERAL MARKET	1 OF 4

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
917170001	PSD	000	G1

APPLI-MATE 2.5 FEMALE

5MM TERMINAL PITCH (MATL: NYLON PA6)

OPEN END WALLS OPTION

CCT 1

OPTIONAL POLARISING RIB

OPTIONAL LATCH FEATURE

14		13		12		11		10		9		8		7		6		5		4		3		2		1	
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											
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		SCALE		CURRENT REV DESC:								moLEX APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6) PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 917170001 DOC TYPE PSD DOC PART 000 REVISION G1					
mm																	
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 A2-SIZE		SERIES 91717		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		
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															
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 APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6) PRODUCT CUSTOMER DRAWING							
	mm															
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 701611 DRWN: MBN02 2022/03/28 CHK'D: MBN02 2022/03/31 APPR: SDEVITT 2022/03/31										DOCUMENT NUMBER	
	ANGULAR TOL		± 0.5 °		INITIAL REVISION:				917170001		PSD		000		G1	
	4 PLACES		±		DRWN: CFISHER01 2016/05/06				2016/07/01		SEE CHARTS		GENERAL MARKET		SHEET NUMBER	
	3 PLACES		± 0.05		APPR: BRUTTLE											
	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		3 OF 4	
							A2-SIZE		91717							
	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		

