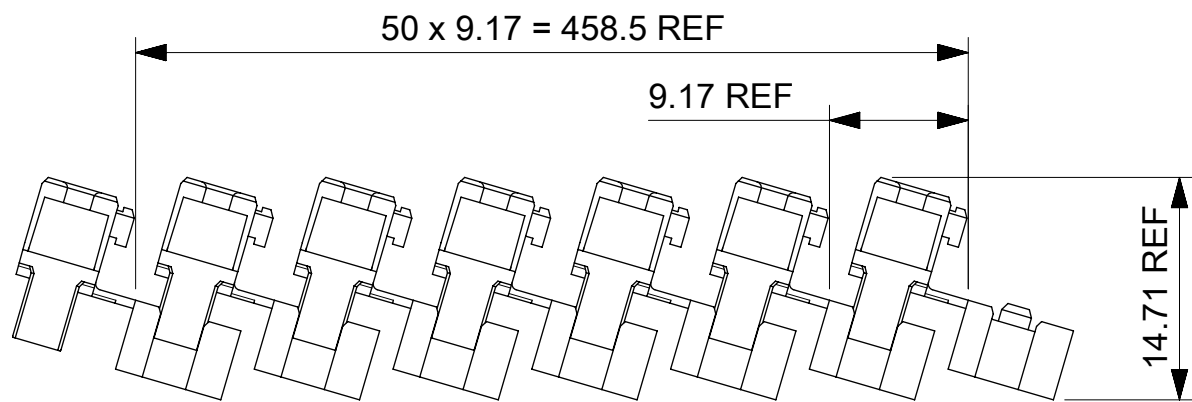
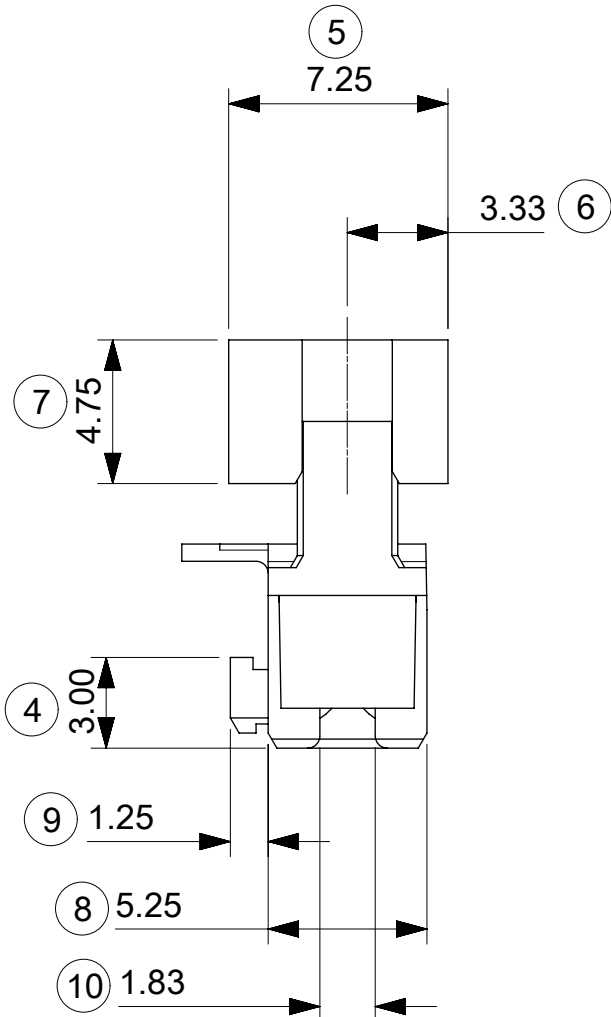
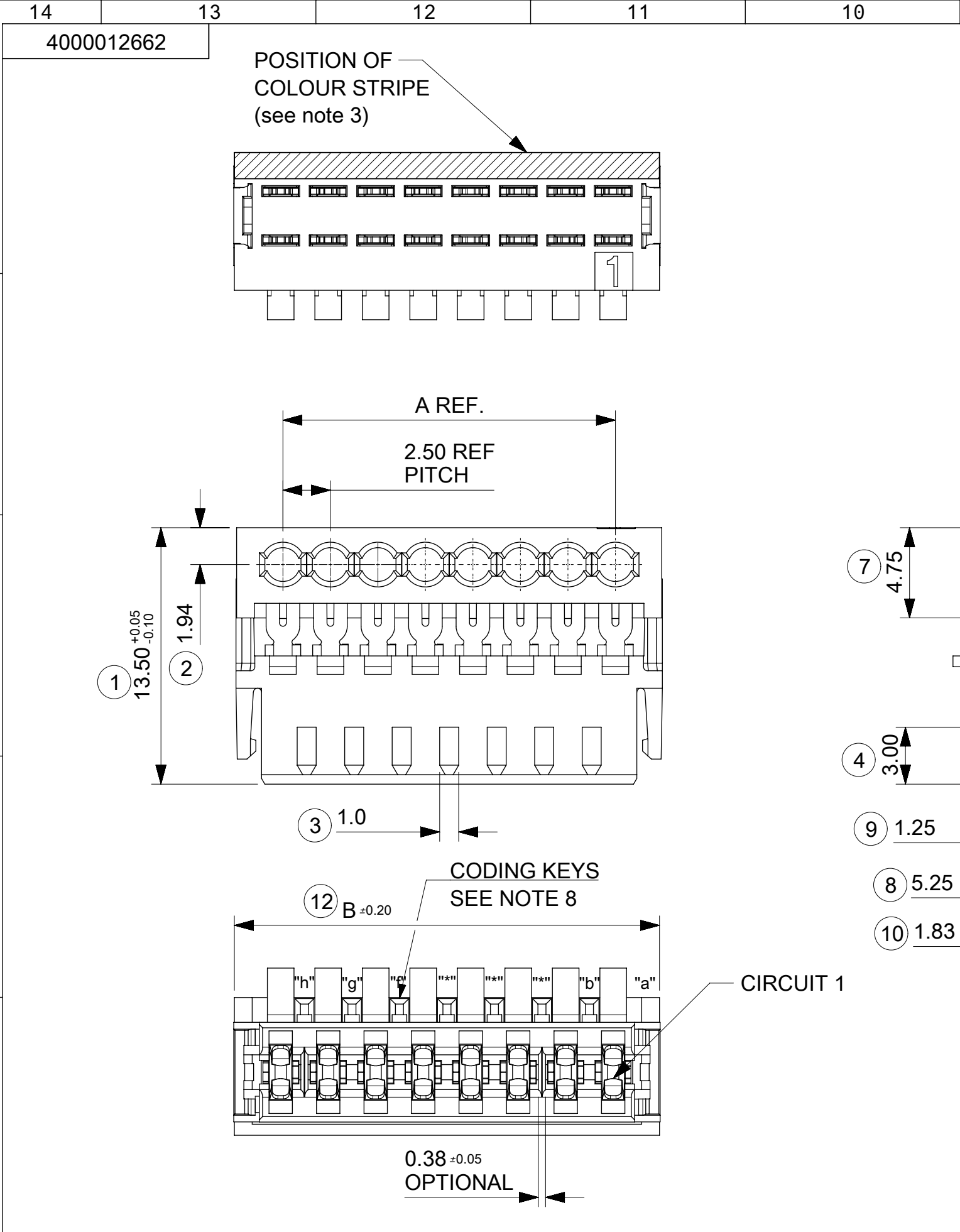
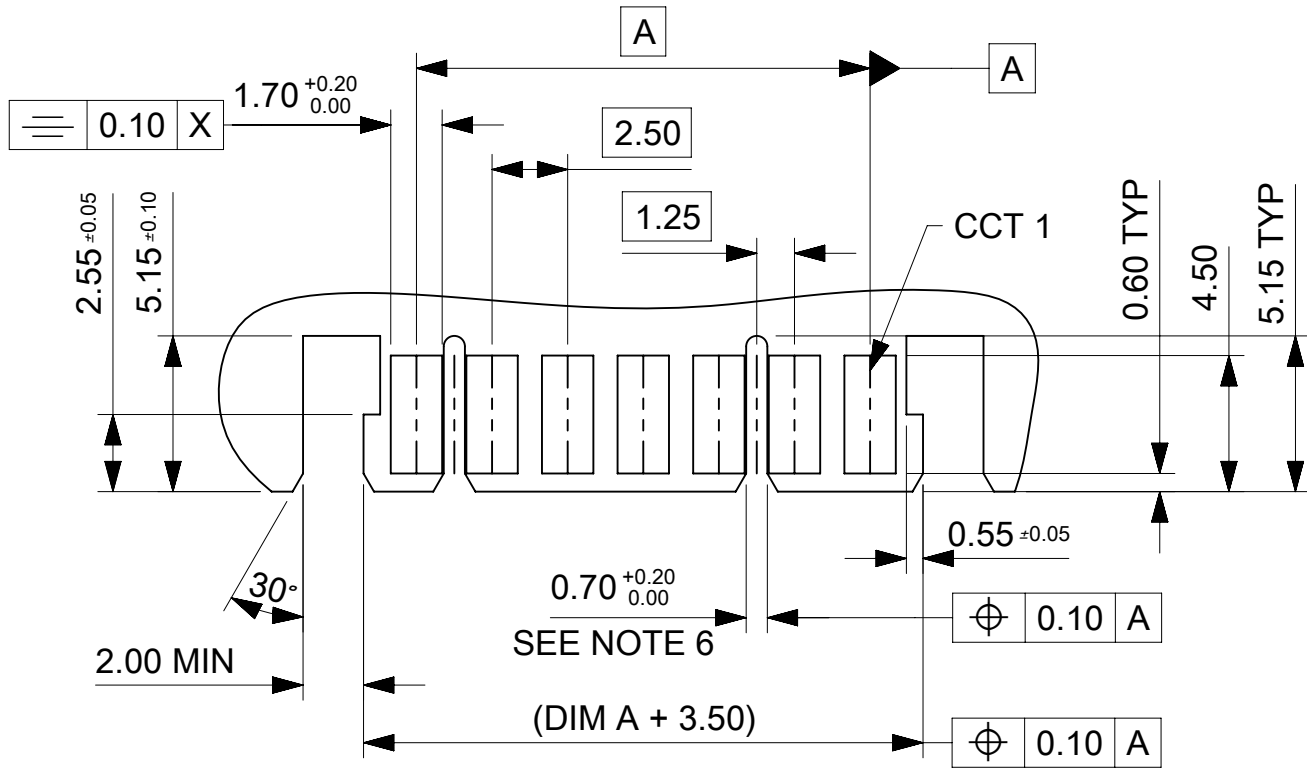
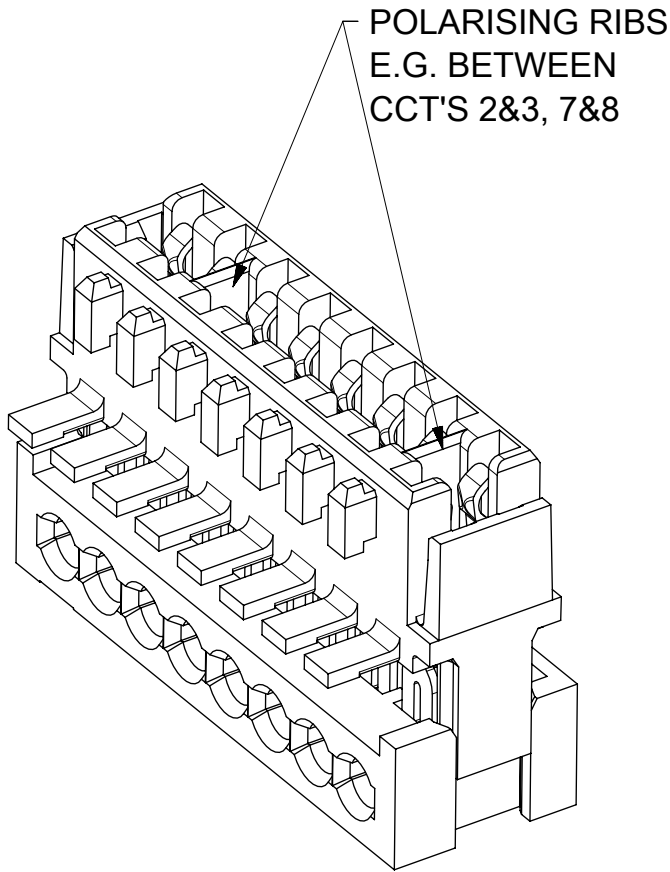
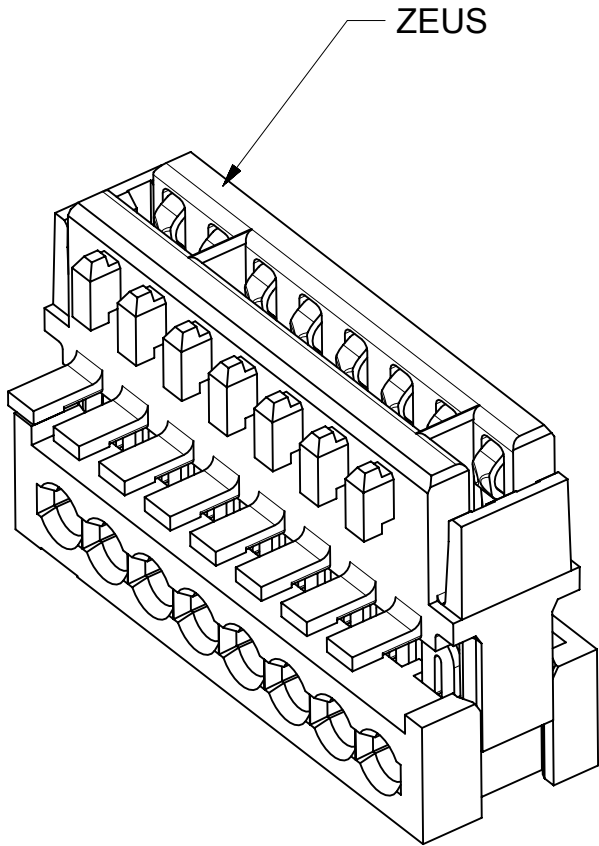




SHIPPING ARRANGEMENT

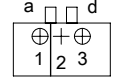
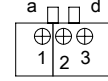
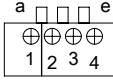
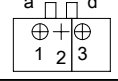
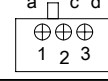
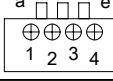
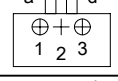
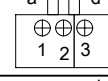
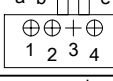
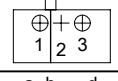
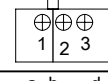
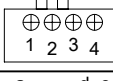
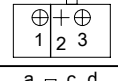
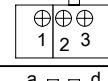
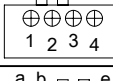
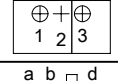
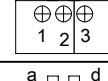
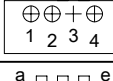
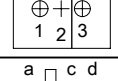
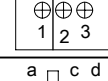
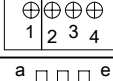
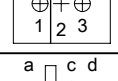
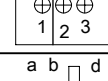
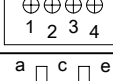
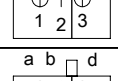
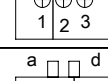
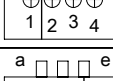
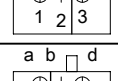
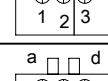
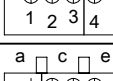
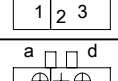
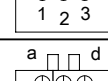
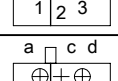
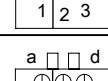
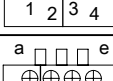
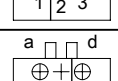
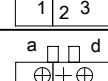
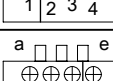
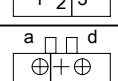
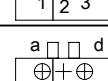
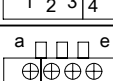
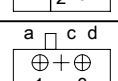
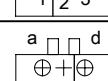
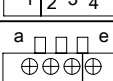
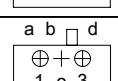
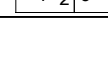
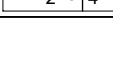
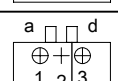
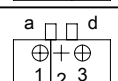
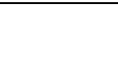
CCT	A	B
3	5.0	9.875
4	7.5	12.375
5	10.0	14.875
6	12.5	17.375
7	15.0	19.875
8	17.5	22.375
9	20.0	24.875
10	22.5	27.375
11	25.0	29.875
12	27.5	32.375
13	30.0	34.875
14	32.5	37.375
15	35.0	39.875
16	37.5	42.375
17	40.0	44.875
18	42.5	47.375
19	45.0	49.875
20	47.5	52.375

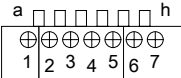
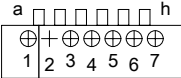
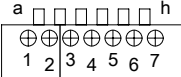
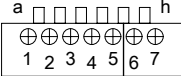
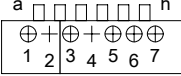
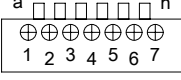
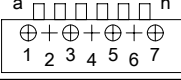
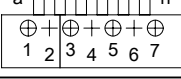
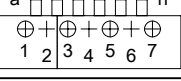
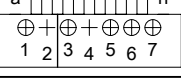
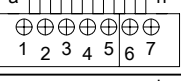
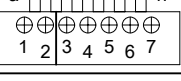
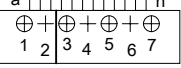


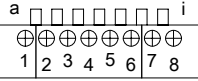
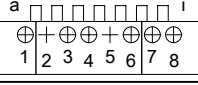
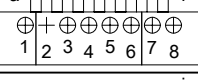
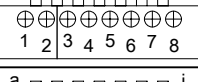
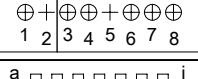
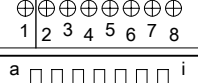
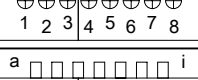
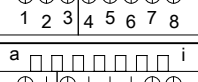
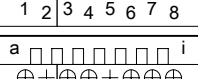
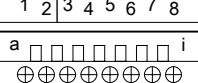
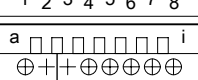
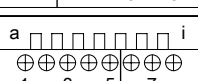
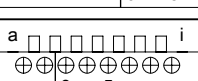
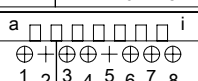
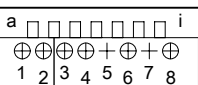
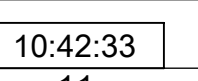
EXAMPLE OF PCB LAYOUT FOR CONNECTOR SHOWN ABOVE
- 8CCT WITH POLARISING RIB BETWEEN CCT 1&2 AND 6&7
- RECCOMENDED PCB THICKNESS: 1.50 $\pm$ 0.14mm

- NOTES:
- MATERIAL: HOUSING –NYLON PA6 7% GF UL94-V2 COLOUR: NATURAL
TERMINAL – COPPER ALLOY
 - PLATING: TIN
 - PRODUCT CONFORMS TO PRODUCT SPECIFICATION PS-99020-0040
 - APPLICATION SPECIFICATION 990330008 AS
 - SEE SUBSEQUENT SHEETS FOR PART NUMBERS
 - POLARISING RIBS ARE RECOMMENDED WITH THIS PRODUCT.
SEE CONFIGURATIONS ON FOLLOWING SHEETS FOR OPTIONAL
POLARISING RIB POSITION(S) FOR EACH CCT SIZE.
RECOMMENDED: 3CCT TO 6 CCT HAVE ONE POLARISING RIB
7CCT TO 20 CCT HAVE TWO POLARISING RIBS
 - COLOR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING
COLORS: BLACK, RED, BLUE, GREEN
 - NO CODING KEY "a", AS LATCH REPLACES FIRST AND LAST
CODING KEY.
 - REFER TO PACKAGING SPECIFICATION: PK-90871-001

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		20:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 795109 DRWN: RAHULH3 2022/12/08 CHK'D: MRAMAKRISHNA 2024/08/13 APPR: MRAMAKRISHNA 2024/08/13 INITIAL REVISION: DRWN: CFISHER01 2016/08/05 APPR: BRUTTLE 2016/10/13					
ANGULAR TOL		± 0.5°							
4 PLACES		±							
3 PLACES		± 0.1							
2 PLACES		± 0.1							
1 PLACE		± 0.2		2016/08/05 2016/10/13					
0 PLACES		±							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
						A2-SIZE		91780	
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
917800001				PSD		000		AB	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER			
SEE CHARTS				GENERAL MARKET		1 OF 6			

14	13	12	11	10	9	8	7	6	5	4	3	2	1							
2 CIRCUIT (2 CKT VOIDED, 3CKT HOUSING)							3 CIRCUIT							4 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE	PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE	PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-9001	94009-0103	CCT 2	a d		1&2	NONE	91780-0001	94009-0103	NONE	a d		1&2	NONE	91780-0501	94009-0104	NONE	a e		1&2	NONE
91780-9002	94009-0203	CCT 2	a d		2&3	NONE	91780-0002	94009-0003	NONE	a c d		NONE	NONE	91780-0502	94009-0004	NONE	a e		NONE	NONE
91780-9003	94009-0003	CCT 2	a d		NONE	NONE	91780-0003	94009-0203	NONE	a d		2&3	NONE	91780-0503	94009-0004	CCT 3	a b e		NONE	RED
91780-9004	94009-0103	CCT 2	a c d		1&2	RED	91780-0004	94009-0103	NONE	a c d		1&2	NONE	91780-0504	94009-0004	NONE	a d e		NONE	BLACK
91780-9005	94009-0103	CCT 2	a b d		1&2	GREEN	91780-0005	94009-0103	NONE	a b d		1&2	NONE	91780-0505	94009-0004	NONE	a d e		NONE	NONE
91780-9006	94009-0203	CCT 2	a c d		2&3	BLUE	91780-0006	94009-0203	NONE	a d		2&3	BLACK	91780-0506	94009-0004	CCT 3	a b e		NONE	NONE
91780-9007	94009-0203	CCT 2	a b d		2&3	BLACK	91780-0007	94009-0103	NONE	a d		1&2	RED	91780-0507	94009-0104	NONE	a e		1&2	BLACK
91780-9008	94009-0103	CCT 2	a c d		1&2	NONE	91780-0009	94009-0103	NONE	a c d		1&2	BLUE	91780-0508	94009-0004	NONE	a e		NONE	RED
91780-9009	94009-0203	CCT 2	a c d		2&3	NONE	91780-0010	94009-0103	NONE	a b d		1&2	BLACK	91780-0509	94009-0104	NONE	a c e		1&2	NONE
91780-9010	94009-0203	CCT 2	a b d		2&3	NONE	91780-0012	94007-0203 ZEUS	NONE	a d		2&3	BLACK	91780-0510	94009-0304	NONE	a e		3&4	NONE
91780-9011	94009-0103	CCT 2	a b d		1&2	NONE	91780-0013	94007-0003 ZEUS	NONE	a d		NONE	NONE	91780-0511	94009-0104	CCT 1	a c e		1&2	NONE
91780-9012	94009-0103	CCT 2	a d		1&2	RED	91780-0014	94007-0103 ZEUS	NONE	a d		1&2	RED	91780-0512	94009-0204	NONE	a e		2&3	BLACK
91780-9013	94009-0103	CCT 2	a c d		1&2	BLUE	91780-0015	94007-0103 ZEUS	NONE	a d		1&2	NONE	91780-0515	94007-0104 ZEUS	NONE	a e		1&2	BLACK
91780-9014	94009-0203	CCT 2	a d		2&3	GREEN	91780-0016	94007-0103 ZEUS	CCT 2	a d		1&2	GREEN	91780-0516	94007-0304 ZEUS	NONE	a e		3&4	RED
91780-9015	94009-0103	CCT 2	a d		1&2	GREEN	91780-0017	94007-0103 ZEUS	CCT 2	a d		1&2	NONE	91780-0517	94007-0104 ZEUS	NONE	a e		1&2	NONE
91780-9016	94009-0003	CCT 2	a c d		NONE	RED	91780-0018	94009-0203	CCT 2	a d		2&3	BLUE	91780-0518	94009-0304	NONE	a e		3&4	RED
91780-9017	94009-0003	CCT 2	a b d		NONE	GREEN														
91780-9018	94009-0203	CCT 2	a d		2&3	NONE														
91780-9019	94007-0103 ZEUS	CCT 2	a d		1&2	GREEN														
* REFER 3CKT HOUSING PACKAGING FOR ABOVE TABLE PART NUMBERS																				

13		12		11		10	
7 CIRCUIT							
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE	
91780-2001	94009-2307	NONE	a h		1&2 5&6	NONE	
91780-2002	94009-0107	CCT 2	a h		1&2	NONE	
91780-2003	94009-0207	NONE	a h		2&3	BLACK	
91780-2004	94009-0507	NONE	a h		5&6	NONE	
91780-2005	94009-0207	CCT 2,4	a h		2&3	BLUE	
91780-2006	94009-0007	NONE	a h		NONE	NONE	
91780-2007	94009-0007	CCT 2,4,6	a h		NONE	NONE	
91780-2008	94009-0207	CCT 2,4,6	a h		2&3	BLUE	
91780-2010	94007-0207 ZEUS	CCT 2,4,6	a h		2&3	BLUE	
91780-2011	94007-0207 ZEUS	CCT 2,4	a h		2&3	BLUE	
91780-2012	94007-0507 ZEUS	NONE	a h		5&6	NONE	
91780-2013	94007-0207 ZEUS	NONE	a h		2&3	NONE	
91780-2014	94007-0507 ZEUS	CCT 2,4,6	a h		5&6	NONE	

8 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-2501	94009-2408	NONE	a i		1&2 6&7	NONE
91780-2502	94009-2408	CCT 2,5	a i		1&2 6&7	NONE
91780-2503	94009-2408	CCT 2	a i		1&2 6&7	NONE
91780-2504	94009-0208	NONE	a i		2&3	NONE
91780-2505	94009-0208	CCT 2,5	a i		2&3	NONE
91780-2506	94009-0108	NONE	a i		1&2	NONE
91780-2507	94009-0308	NONE	a i		3&4	NONE
91780-2508	94009-0308	NONE	a i		3&4	RED
91780-2509	94009-0208	CCT 2,4,5,6	a i		2&3	NONE
91780-2510	94009-0208	CCT 2,5	a i		2&3	BLUE
91780-2511	94009-0008	NONE	a i		NONE	NONE
91780-2512	94009-0208	CCT 2, 3	a i		2&3	NONE
91780-2513	94009-0508	NONE	a i		5&6	NONE
91780-2514	94007-0208 ZEUS	NONE	a i		2&3	NONE
91780-2515	94007-0208 ZEUS	CCT 2,5	a i		2&3	BLUE
91780-2516	94007-0208 ZEUS	CCT 5,7	a i		2&3	BROWN

CURRENT STATUS	P1	RELEASE DATE	2024/08/13	10:42:33
xprint A2	13	12	11	10

6	5	4	3	2		
9 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-3001	94009-2509	NONE	a j		1&2 7&8	NONE
91780-3426	94009-2509	CCT 2 4 6 8	a j		1&2 7&8	NONE
91780-3003	94009-0209	CCT 2	a j		2&3	GREEN
91780-3004	94009-0209	CCT 2,4,6	a j		2&3	BLACK
91780-3005	94009-0309	CCT 2,5,7	a j		3&4	GREY
91780-3006	94009-0209	CCT 3,5,8	a j		2&3	GREEN
91780-3007	94009-0409	CCT 3,5,7	a j		4&5	RED
91780-3008	94009-0209	NONE	a j		2&3	BLACK
91780-3009	94009-0209	NONE	a j		2&3	NONE
91780-3011	94007-0209 ZEUS	CCT 3,5,8	a j		2&3	GREEN
91780-3012	94007-0009 ZEUS	CCT 2,4,6,8	a j		NONE	NONE
91780-3013	94007-0209 ZEUS	CCT 2,5,7	a j		2&3	ORANGE

10 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-3501	94009-2610	NONE	a k		1&2 8&9	NONE
91780-3502	94009-0910	NONE	a k		9&10	RED
91780-3503	94009-0910	NONE	a k		9&10	NONE
91780-3504	94009-0210	NONE	a k		2&3	NONE
91780-3505	94009-0210	NONE	a k		2&3	BLACK
91780-3506	94009-0010	NONE	a k		NONE	NONE
91780-3507	94007-0210 ZEUS	CCT 2,4	a k		2&3	NONE

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: 795109 DRWN: RAHULH3 2022/12/08 CHK'D: MRAMAKRISHNA 2024/08/13 APPR: MRAMAKRISHNA 2024/08/13 INITIAL REVISION: DRWN: CFISHER01 2016/08/05 APPR: BRUTTLE 2016/10/13				2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH) ADDITION OF PART NUMBERS 91780-2513 & 9178				
ANGULAR TOL		± 0.5 °										
4 PLACES		±										
3 PLACES		± 0.1										
2 PLACES		± 0.1										
1 PLACE		± 0.2										
0 PLACES		±										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A2-SIZE		SERIES 91780		PRODUCT CUSTOMER DRAWING		
										DOCUMENT NUMBER 917800001		DOC TYPE PSD
								MATERIAL NUMBER SEE CHARTS		CUSTOMER GENERAL MARKET		SHEET NUMBER 4 OF 6

NOTES

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

11 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-4001	94009-2711	NONE	a l		1&2 9&10	NONE
91780-4002	94009-0411	NONE	a l		4&5	NONE
91780-4003	94009-0211	NONE	a l		2&3	NONE
91780-4004	94009-0211	CCT 6, 7	a l		2&3	NONE

12 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-4501	94009-2812	NONE	a m		1&2 10&11	NONE
91780-4502	94009-2812	CCT 2 5 8 10	a m		1&2 10&11	NONE
91780-4503	94009-0212	NONE	a m		2&3	NONE
91780-4504	94009-0212	CCT 2 5 8 10	a m		2&3	NONE
91780-4505	94009-0212	NONE	a m		2&3	BLACK
91780-4506	94009-1112	NONE	a m		11&12	NONE
91780-4507	94009-0012	NONE	a m		NONE	NONE
91780-4508	94007-0212 ZEUS	NONE	a m		2&3	BLACK

13 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-5001	94009-2913	NONE	a n		1&2 11&12	NONE
91780-5002	94009-0213	NONE	a n		2&3	NONE
91780-5004	94009-0213	CCT 7 9 12	a n		2&3	NONE
91780-5005	94007-0213 ZEUS	NONE	a n		2&3	NONE

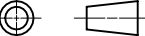
14 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-5501	94009-3014	NONE	a o		1&2 12&13	NONE
91780-5502	94009-0214	NONE	a o		2&3	NONE

15 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-6001	94009-3115	NONE	a p		1&2 13&14	NONE
91780-6426	94009-3115	CCT 2,4,6,8,10,12,14	a p		1&2 13&14	NONE

16 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-6501	94009-3216	NONE	a q		1&2 14&15	NONE

17 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-7001	94009-3317	NONE	a r		1&2 15&16	NONE
91780-7002	94009-6617	CCT 2,4,5,6,8,10,12,14,16	a r		3&4 15&16	NONE

18 CIRCUIT						
PART NUMBER	HOUSING USED	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-7501	94009-3418	NONE	a s		1&2 16&17	NONE

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: 795109 DRWN: RAHULH3 2022/12/08 CHK'D: MRAMAKRISHNA 2024/08/13 APPR: MRAMAKRISHNA 2024/08/13			2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH) ADDITION OF PART NUMBERS 91780-2513 & 9178		
ANGULAR TOL ± 0.5 °									
4 PLACES		±		INITIAL REVISION: DRWN: CFISHER01 2016/08/05 APPR: BRUTTLE 2016/10/13			PRODUCT CUSTOMER DRAWING		
3 PLACES		± 0.1							
2 PLACES		± 0.1		DOCUMENT NUMBER 917800001			DOC TYPE PSD	DOC PART 000	REVISION AB
1 PLACE		± 0.2							
0 PLACES		±		MATERIAL NUMBER SEE CHARTS			CUSTOMER GENERAL MARKET		SHEET NUMBER 5 OF 6
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION 				DRAWING A2-SIZE	SERIES 91780				

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		2024/08/13 10:42:33												MUST REMAIN WITHIN DIMENSIONS				A2-SIZE	91780	SEE CHARTS	GENERAL MARKET	5 OF 6		
FORMAT: master to print A2 REVISION: 11 DATE: 2024/08/13										13		12		11		10		9		8		7		6		5		4		3		2		1	

