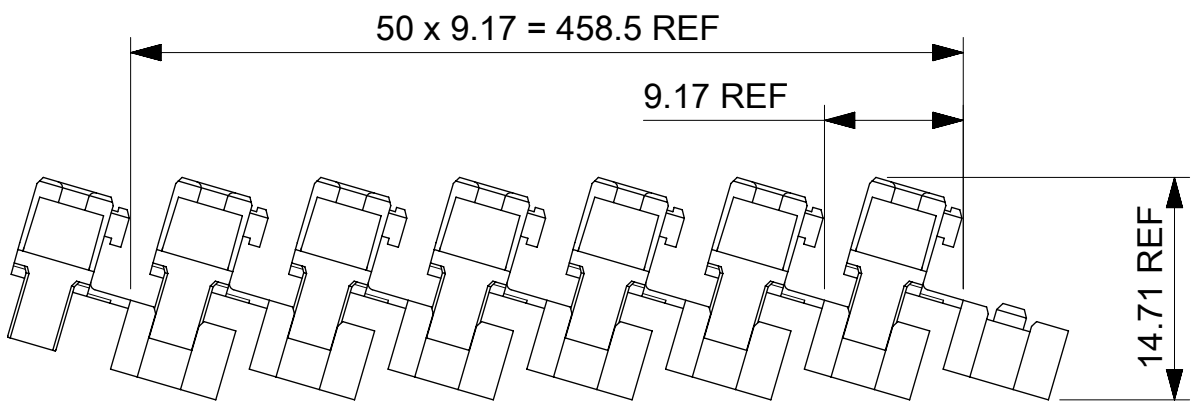
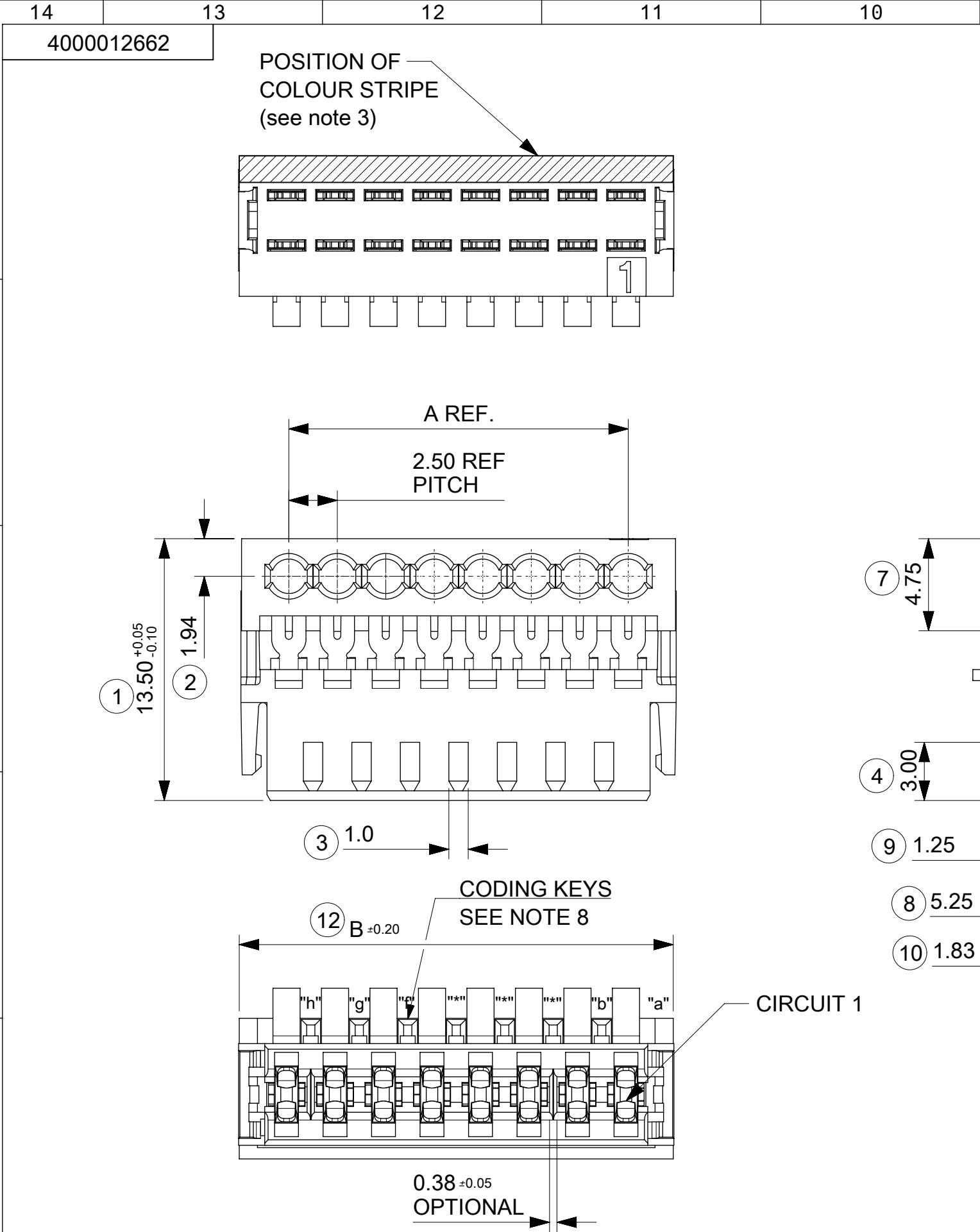
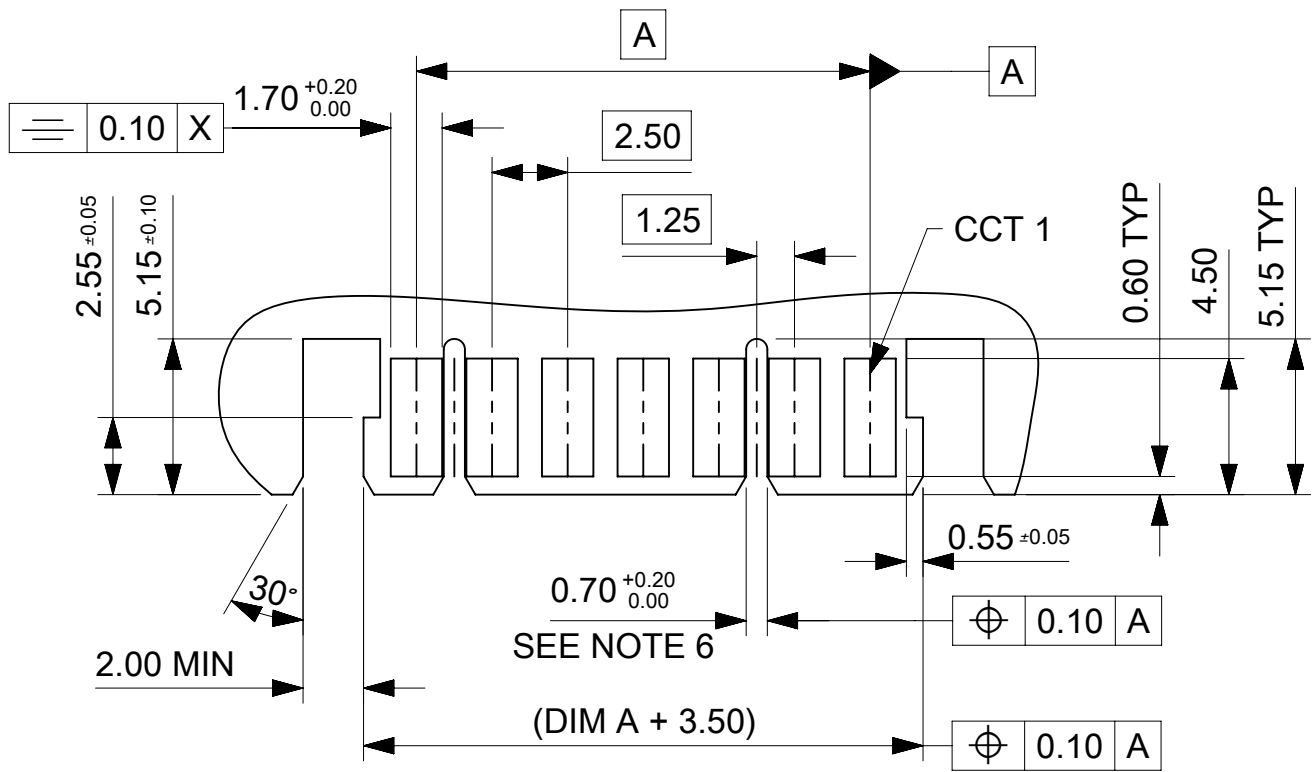
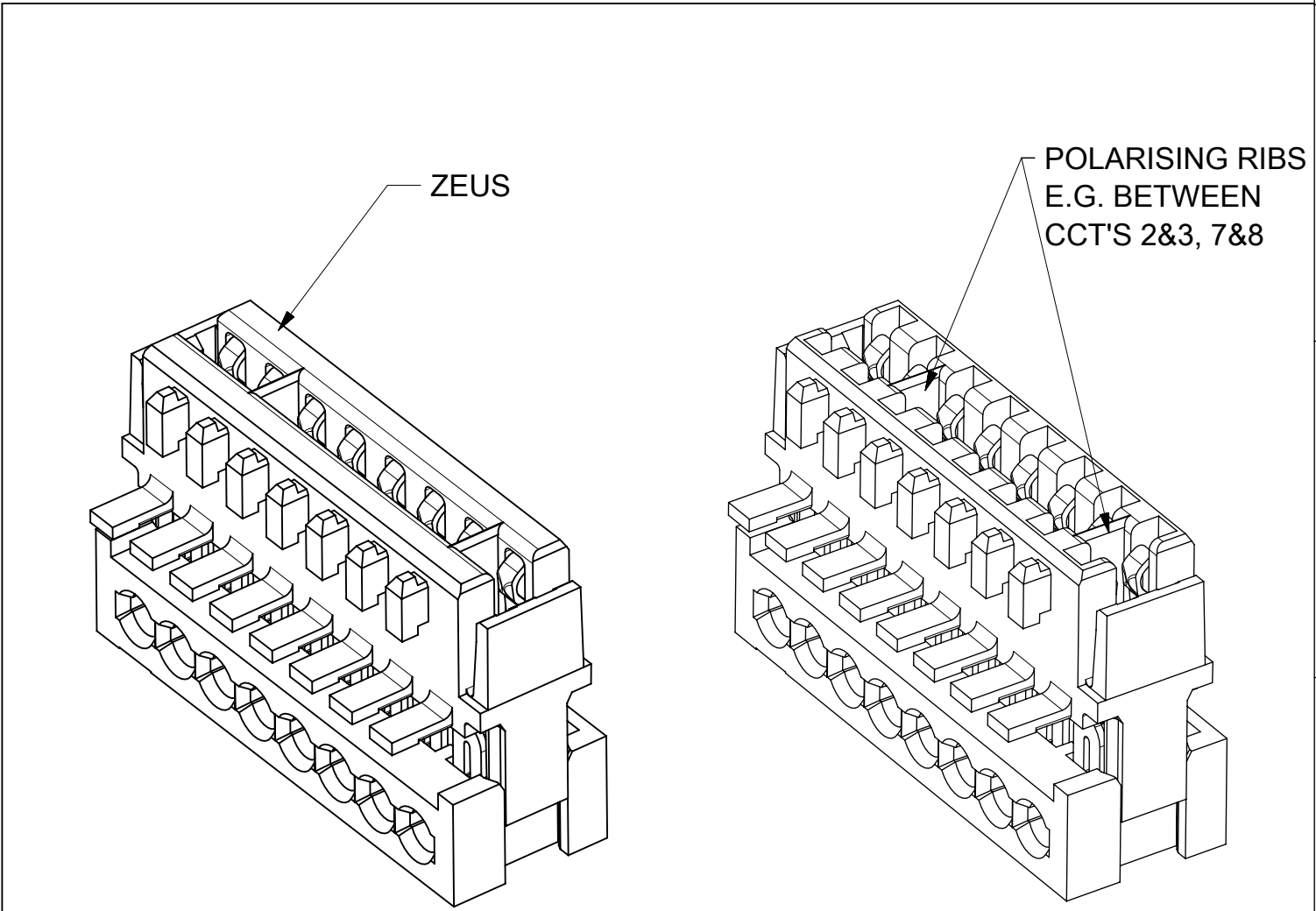




SHIPPING ARRANGEMENT

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

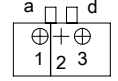
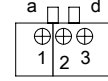
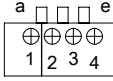
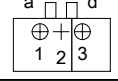
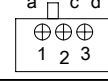
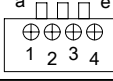
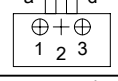
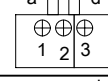
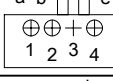
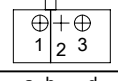
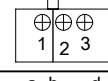
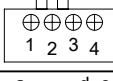
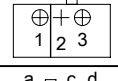
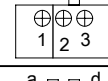
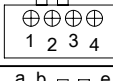
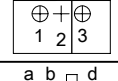
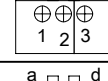
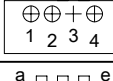
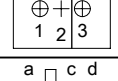
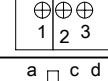
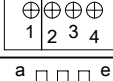
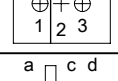
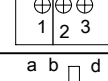
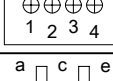
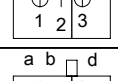
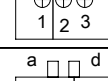
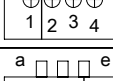
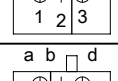
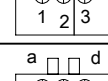
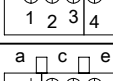
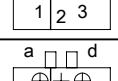
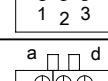
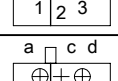
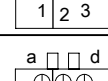
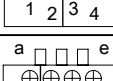
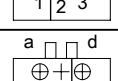
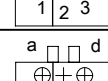
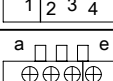
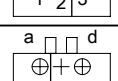
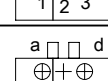
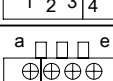
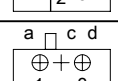
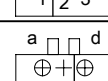
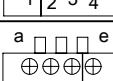
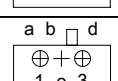
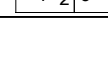
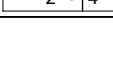
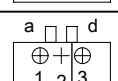
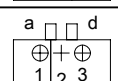
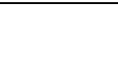


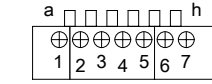
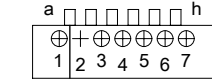
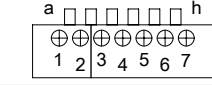
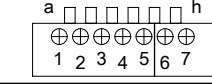
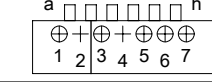
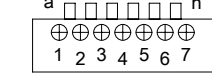
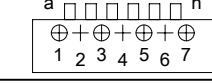
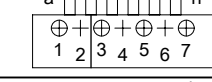
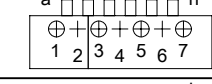
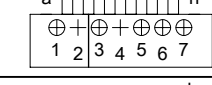
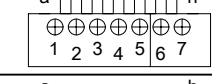
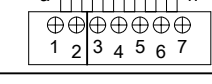
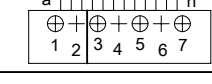
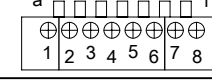
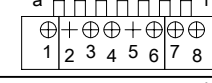
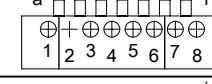
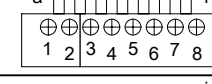
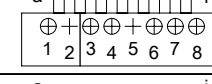
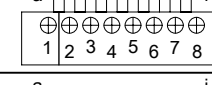
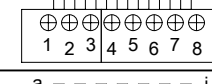
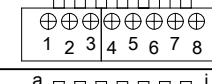
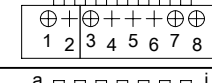
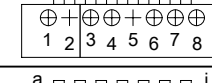
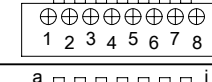
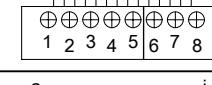
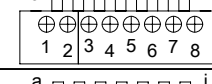
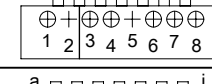
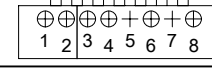
EXAMPLE OF PCB LAYOUT FOR CONNECTOR SHOWN ABOVE
- 8CCT WITH POLARISING RIB BETWEEN CCT 1&2 AND 6&7
- RECCOMENDED PCB THICKNESS: 1.50 $\pm$ 0.14mm

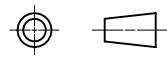
NOTES:

- 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:				molex				
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				2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH) ADDITION OF PART NUMBERS 91780-2513 & 9178				
ANGULAR TOL ± 0.5 °								PRODUCT CUSTOMER DRAWING				
4 PLACES ±								DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
3 PLACES ± 0.1								917800001		PSD	000	AB
2 PLACES ± 0.1												
1 PLACE ± 0.2												
0 PLACES ±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES				
						A2-SIZE		91780				

14	13	12	11	10	9	8	7	6	5	4	3	2	1							
2 CIRCUIT							3 CIRCUIT							4 CIRCUIT						
(2 CKT VOIDED, 3CKT HOUSING)																				
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														

14		13		12		11		10		9		8		7		6		5		4		3		2		1	
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		(AB)													
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															
DOCUMENT STATUS		P1		RELEASE DATE		2024/08/13		10:42:33																			
13		12		11		10		9		8		7		6		5		4		3		2		1			
FORMAT: master 00000002																											

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:										 2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH) ADDITION OF PART NUMBERS 91780-2513 & 9178									
mm		1:1																					
GENERAL TOLERANCES (UNLESS SPECIFIED)																							
ANGULAR TOL ± 0.5 °																							
4 PLACES		±		EC NO: 795109																			
3 PLACES		± 0.1		DRWN: RAHULH3 2022/12/08																			
2 PLACES		± 0.1		CHK'D: MRAMAKRISHNA 2024/08/13																			
1 PLACE		± 0.2		APPR: MRAMAKRISHNA 2024/08/13																			
0 PLACES		±		INITIAL REVISION:																			
				DRWN: CFISHER01 2016/08/05																			
				APPR: BRUTTLE 2016/10/13																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER									
						A2-SIZE		91780		SEE CHARTS		GENERAL MARKET		4 OF 6									

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

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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		±													
3 PLACES		± 0.1		INITIAL REVISION: DRWN: CFISHER01 2016/08/05 APPR: BRUTTLE 2016/10/13				PRODUCT CUSTOMER DRAWING							
2 PLACES		± 0.1													
1 PLACE		± 0.2						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
0 PLACES		±		917800001		PSD		000		AB					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								A2-SIZE		91780		SEE CHARTS		GENERAL MARKET	

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 file prod-A2)		13	12	11	10	9	8	7	6	5	4	3	2	1					
REVISION: 11																			
DATE: 20180116																			

