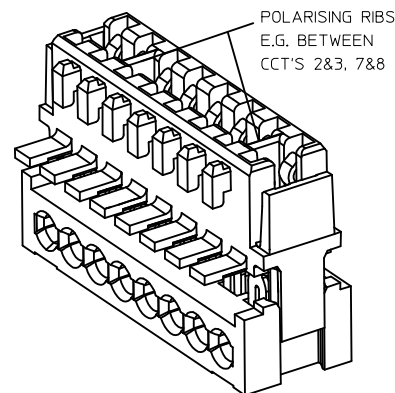
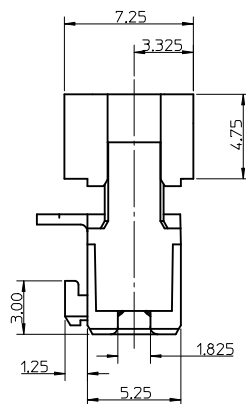
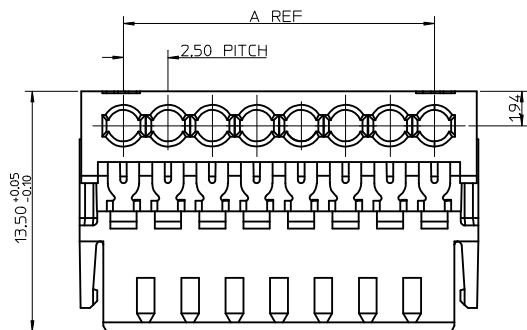
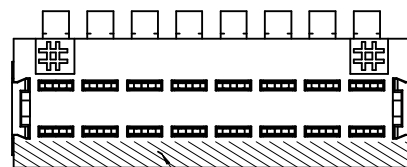
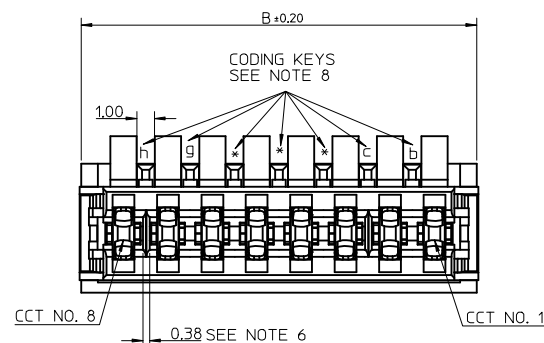


EM-91780-010

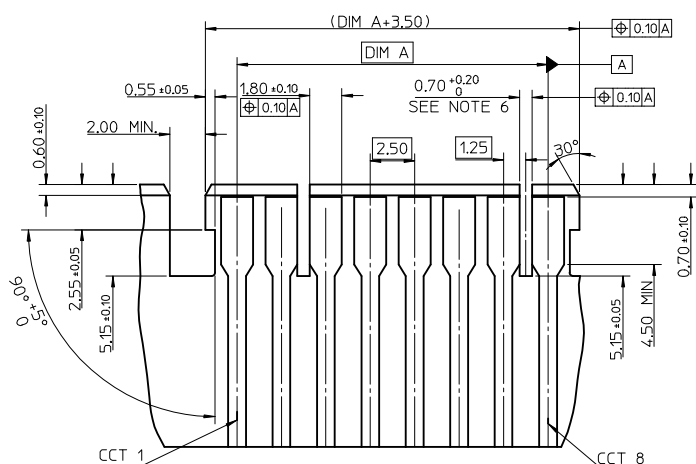


CCT	DIM A	DIM B
3	5.0	9.875
4	7.5	12.375
5	10.0	14.875
6	12.5	17.375
7	15.0	19.875
8	17.5	22.375
9	20.0	24.875
10	22.5	27.375
11	25.0	29.875
12	27.5	32.375
13	30.0	34.875
14	32.5	37.375
15	35.0	39.875
16	37.5	42.375
17	40.0	44.875
18	42.5	47.375
19	45.0	49.875
20	47.5	52.375

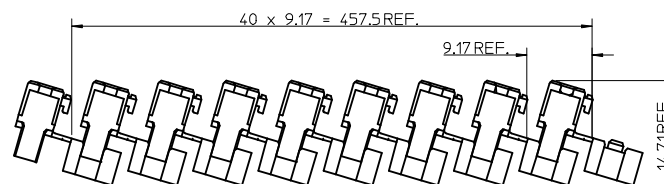


NOTES:

1. MATERIAL: HOUSING - NYLON PA66 UL94-V0 COLOUR: NATURAL
TERMINAL - COPPER ALLOY
2. PLATING: TIN
3. PRODUCT CONFORMS TO PRODUCT SPECIFICATION PS-99020-0040
4. APPLICATION SPECIFICATION AS-99033-0008
5. SEE SUBSEQUENT SHEETS FOR PART NUMBERS
6. 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
7. COLOR STRIPE IS OPTIONAL, AVAILABLE IN THE FOLLOWING
COLORS: BLACK, RED, BLUE, GREEN
8. NO CODING KEY 'a', AS LATCH REPLACES FIRST AND LAST
CODING KEY.
9. REFER TO PACKAGING SPECIFICATION: PK-90871-001



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



SHIPPING ARRANGEMENT

ADDED PART NUMBERS EC NO: IPG2014-1137 DRWN:CMONAHAN CHKD: APPR:STGR/FF/IN 2013/12/17 2014/01/20	DESCRIPTION ▽=0 ▽=0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY N. MCNAMA	DATE 2004/09/07	TITLE 2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH)	MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	CHECKED BY J DENNEHY	DATE 2004/09/08			
			3 PLACES	± 0.10	± ---	APPROVED BY B MAGUIRE	DATE 2004/09/09			
			2 PLACES	± 0.10	± ---	MATERIAL NO.	DOCUMENT NO.			
			1 PLACE	± 0.2	± ---	SEE SHEET 2-5				SD-91780-001
			ANGULAR ± 2 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

2 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-9001	91792-0103	OCT 2	a d		OCT 1&2	NONE
91780-9002	91792-0203	OCT 2	a d		OCT 2&3	NONE
91780-9003	91792-0003	OCT 2	a d		NONE	NONE
91780-9004	91792-0103	OCT 2	a c d		OCT 1&2	RED
91780-9005	91792-0103	OCT 2	a b d		OCT 1&2	GREEN
91780-9006	91792-0203	OCT 2	a c d		OCT 2&3	BLUE
91780-9007	91792-0203	OCT 2	a b d		OCT 2&3	BLACK
91780-9008	91792-0103	OCT 2	a c d		OCT 1&2	NONE
91780-9009	91792-0203	OCT 2	a c d		OCT 2&3	NONE
91780-9010	91792-0203	OCT 2	a b d		OCT 2&3	NONE
91780-9011	91792-0103	OCT 2	a b d		OCT 1&2	NONE
91780-9012	91792-0103	OCT 2	a d		OCT 1&2	RED
91780-9013	91792-0103	OCT 2	a c d		OCT 1&2	BLUE
91780-9014	91792-0203	OCT 2	a d		OCT 2&3	GREEN
91780-9015	91792-0103	OCT 2	a d		OCT 1&2	GREEN
91780-9016	91792-0003	OCT 2	a c d		NONE	RED
91780-9017	91792-0003	OCT 2	a b d		NONE	GREEN

3 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-0001	91792-0103	NONE	a d		OCT 1&2	NONE
91780-0002	91792-0003	NONE	a c d		NONE	NONE
91780-0003	91792-0203	NONE	a d		OCT 2&3	NONE
91780-0004	91792-0103	NONE	a c d		OCT 1&2	NONE
91780-0005	91792-0103	NONE	a b d		OCT 1&2	NONE
91780-0006	91792-0203	NONE	a d		OCT 2&3	BLACK
91780-0007	91792-0103	NONE	a d		OCT 1&2	RED
91780-0008 PART OBSOLETE AND REPLACED WITH 91780-9015						
91780-0009	91792-0103	NONE	a c d		OCT 1&2	BLUE

4 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-0501	91792-0104	NONE	a e		OCT 1&2	NONE
91780-0502	91792-0004	NONE	a e		NONE	NONE
91780-0503	91792-0004	OCT 3	a b e		NONE	RED
91780-0504	91792-0004	NONE	a d e		NONE	BLACK
91780-0505	91792-0004	NONE	a d e		NONE	NONE
91780-0506	91792-0004	OCT 3	a b e		NONE	NONE
91780-0507	91792-0104	NONE	a e		OCT 1&2	BLACK
91780-0508	91792-0004	NONE	a e		NONE	RED
91780-0509	91792-0104	NONE	a c e		OCT 1&2	NONE
91780-0510	91792-0304	NONE	a e		OCT 3&4	NONE
91780-0511	91792-0104	OCT 1	a c e		OCT 1&2	NONE
91780-0512	91792-0204	NONE	a e		OCT 2&3	BLACK

NOTES

- + DENOTES TERMINAL VOIDED POSITION
 - ⊕ DENOTES TERMINAL LOADED POSITION
 - | DENOTES POLARIZING RIB POSITION

SEE SHEET 1 EC NO: PG2014-1137 DRAWN BY: DR. MCMANAHAN CHKD: CHKD: AD	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2°	DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			DRAWN BY N. MCNAMA DATE 2004/09/07	CHECKED BY J. DENNEHY DATE 2004/09/08	TITLE 2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH)		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY BMAGUIRE DATE 2004/09/09		MOLEX INCORPORATED		
MATERIAL NO.			DOCUMENT NO.		SD-91780-001		
SIZE A 1			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 2 OF 5	

5 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-1001	91792-0205	NONE	a f		CCT 2&3	NONE
91780-1002	91792-0105	NONE	a f		CCT 1&2	NONE
91780-1003	91792-0205	NONE	a f		CCT 2&3	BLACK
91780-1004	91792-0105	CCT 4	a f		CCT 1&2	GREEN
91780-1005	91792-0305	NONE	a f		CCT 3&4	RED
91780-1006	91792-0305	CCT 2	a f		CCT 3&4	BLUE
91780-1007	91792-0005	NONE	a f		NONE	NONE
91780-1008	91792-0105	CCT 3	a f		CCT 1&2	NONE
91780-1009	91792-0205	CCT 1	NONE		CCT 2&3	NONE
91780-1010	91792-0405	CCT 1,2	NONE		CCT 4&5	NONE
91780-1011	91792-0205	CCT 1,3,5	NONE		CCT 2&3	RED
91780-1012	91792-0205	CCT 5	a f		CCT 2&3	NONE
91780-1013	91792-0405	NONE	a b c d e f		CCT 4&5	NONE

6 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-1501	91792-0206	NONE	a g		CCT 2&3	NONE
91780-1502	91792-0506	NONE	a g		CCT 5&6	NONE
91780-1503	91792-0206	NONE	a g		CCT 2&3	BLACK
91780-1504	91792-0206	NONE	a g		CCT 2&3	BLUE
91780-1505	91792-0106	NONE	a g		CCT 1&2	NONE
91780-1506	91792-0406	NONE	a g		CCT 4&5	NONE
91780-1507	91792-0006	NONE	a g		NONE	NONE
91780-1508	91792-0406	CCT 3, 5	a g		CCT 4&5	GREEN
91780-1509	91792-0406	NONE	a g		CCT 4&5	RED

7 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-2001	91792-2307	NONE	a h		CCT 1&2 & CCT 5&6	NONE
91780-2002	91792-0107	CCT 2	a h		CCT 1&2	NONE
91780-2003	91792-0207	NONE	a h		CCT 2&3	BLACK
91780-2004	91792-0507	NONE	a h		CCT 5&6	NONE
91780-2005	91792-0207	CCT 2, 4	a h		CCT 2&3	BLUE

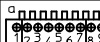
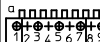
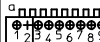
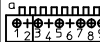
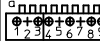
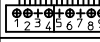
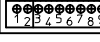
- NOTES
1. + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION

SEE SHEET 1 SEC NO: 1PZ014-1137 DRAWN BY: DRW/MCNAME CHKD: CHKD APPROVED: AD DATE: 2013/12/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2°	DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH)	MOLEX INCORPORATED	DOCUMENT NO. SD-91780-001	SHEET NO. 3 OF 5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

8 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-2501	91792-2408	NONE	a i		CCT 1&2 & CCT 6&7	NONE
91780-2502	91792-2408	CCT 2, 6	a i		CCT 1&2 & CCT 6&7	NONE
91780-2503	91792-2408	CCT 2	a i		CCT 1&2 & CCT 6&7	NONE
91780-2504	91792-0208	NONE	a i		CCT 2&3	NONE
91780-2505	91792-0208	CCT 2, 6	a i		CCT 2&3	NONE
91780-2506	91792-0108	NONE	a i		CCT 1&2	NONE
91780-2507	91792-0308	NONE	a i		CCT 3&4	NONE
91780-2508	91792-0308	NONE	a i		CCT 3&4	RED
91780-2509	91792-0208	CCT 2 4 5 6	a i		CCT 2&3	NONE

9 CIRCUIT

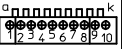
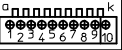
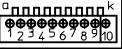
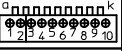
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-3001	91792-2509	NONE	a j		CCT 1&2 & CCT 7&8	NONE
91780-3426	91792-2509	CCT 2, 4, 6, 8	a j		CCT 1&2 & CCT 7&8	NONE
91780-3003	91792-0209	CCT 2	a j		CCT 2&3	GREEN
91780-3004	91792-0209	CCT 2, 4, 6	a j		CCT 2&3	BLACK
91780-3005	91792-0309	CCT 2, 5, 7	a j		CCT 3&4	GREY
91780-3006	91792-0209	CCT 3, 5, 8	a j		CCT 2&3	GREEN
91780-3007	91792-0409	CCT 3, 5, 7	a j		CCT 4&5	RED
91780-3008	91792-0209	NONE	a j		CCT 2&3	BLACK

NOTES

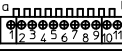
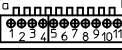
- + DENOTES TERMINAL VOIDED POSITION
 ● DENOTES TERMINAL LOADED POSITION
 | DENOTES POLARIZING RIB POSITION

SEE SECT 1 DEC NO: 1P02014-1137 DRW: MCKONAHAN 2013/12/17 CHKD: APPR: STRIFFEIN 2014/01/20 AD	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.10</td> <td>± .---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.10</td> <td>± .---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.2</td> <td>± .---</td> </tr> </table>		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± 0.10	± .---	2 PLACES	± 0.10	± .---	1 PLACE	± 0.2	± .---	DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± .---	± .---																		
	3 PLACES	± 0.10	± .---																		
2 PLACES	± 0.10	± .---																			
1 PLACE	± 0.2	± .---																			
DRAWN BY N. MCNAMA 2004/09/07 CHECKED BY J. DENNEHY 2004/09/08 APPROVED BY B. MAGUIRE 2004/09/09	TITLE 2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH)			MOLEX INCORPORATED																	
MATERIAL NO.		SEE CHARTS			DOCUMENT NO. SD-91780-001	SHEET NO. 4 OF 5															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

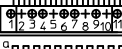
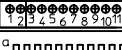
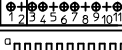
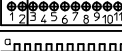
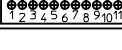
10 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-3501	91792-2610	NONE	a k		CCT 1&2 & CCT 8&9	NONE
91780-3502	91792-0910	NONE	a k		CCT 9&10	RED
91780-3503	91792-0910	NONE	a k		CCT 9&10	NONE
91780-3504	91792-0210	NONE	a k		CCT 2&3	NONE
91780-3505	91792-0210	NONE	a k		CCT 2&3	BLACK

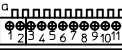
11 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-4001	91792-2711	NONE	a l		CCT 1&2 & CCT 9&10	NONE
91780-4002	91792-0411	NONE	a l		CCT 4&5	NONE

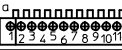
12 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-4501	91792-2812	NONE	a m		CCT 1&2 & CCT 10&11	NONE
91780-4502	91792-2812	CCT 2, 5, 8, 10	a m		CCT 1&2 & CCT 10&11	NONE
91780-4503	91792-0212	NONE	a m		CCT 2&3	NONE
91780-4504	91792-0212	CCT 2, 5, 8, 10	a m		CCT 2&3	NONE
91780-4505	91792-0212	NONE	a m		CCT 2&3	BLACK
91780-4506	91792-1112	NONE	a m		CCT 11&12	NONE

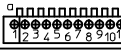
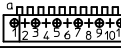
13 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-5001	91792-2913	NONE	a n		CCT 1&2 & CCT 11&12	NONE
91780-5002	91792-0213	NONE	a n		CCT 2&3	NONE

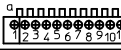
14 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-5501	91792-3014	NONE	a o		CCT 1&2 & CCT 12&13	NONE

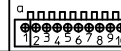
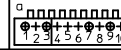
15 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-6001	91792-3115	NONE	a p		CCT 1&2 & CCT 13&14	NONE
91780-6426	91792-3115	CCT 2,4,8,8, 10,12,14	a p		CCT 1&2 & CCT 13&14	NONE

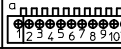
16 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-6501	91792-3216	NONE	a q		CCT 1&2 & CCT 14&15	NONE

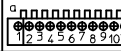
17 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-7001	91792-3317	NONE	a r		CCT 1&2 & CCT 15&16	NONE
91780-7002	91792-6617	CCT 2,4,5,6, 8,10,12,14,16	a r		CCT 3&4 & CCT 15&16	NONE

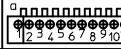
18 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-7501	91792-3418	NONE	a s		CCT 1&2 & CCT 16&17	NONE

19 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-8001	91792-3519	NONE	a t		CCT 1&2 & CCT 17&18	NONE

20 CIRCUIT

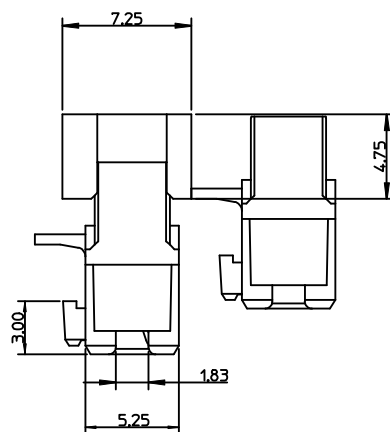
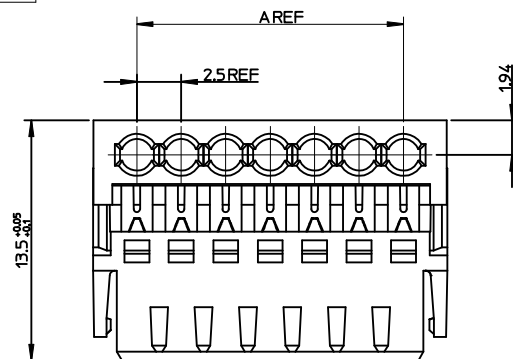
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
91780-8501	91792-3620	NONE	a u		CCT 1&2 & CCT 18&19	NONE

NOTES

1. + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION

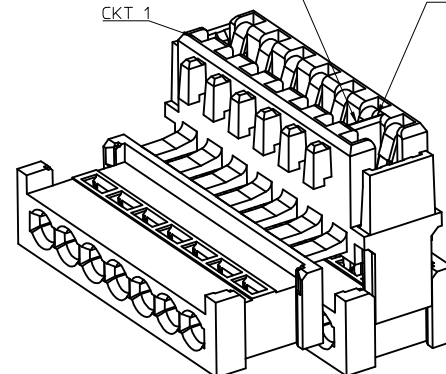
SEE SHEET 1 ECN NO: 1P0204-1137 DRAWN BY: DR.WICKROMAHN CHKD: CHKD: AD	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.--- ±.--- 3 PLACES ±.10 ±.--- 2 PLACES ±.10 ±.--- 1 PLACE ±.02 ±.--- ANGULAR ±.2°	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY N.MCNAME	DATE 2004/09/07	TITLE 2.5MM APPLI-MATE W/SIDE LATCHES (2.5 & 5MM TERM PITCH)		
			CHECKED BY J.DENNEHY	DATE 2004/09/08	MOLEX INCORPORATED		
			APPROVED BY BMAGUIRE	DATE 2004/09/09	MATERIAL NO. DOCUMENT NO. SD-91780-001		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NO. 5 OF 5				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

EM-91780-010

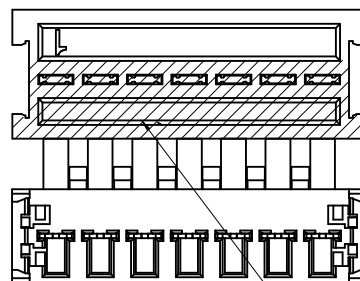
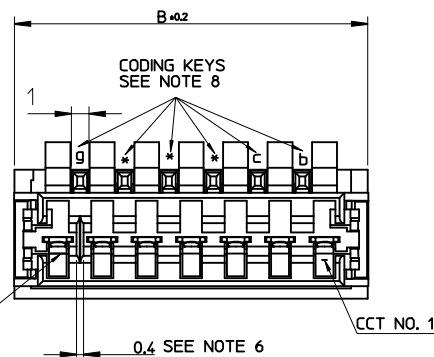


POLARISING RIBS
E.G. BETWEEN
CCT'S 6&7

NOTE 10



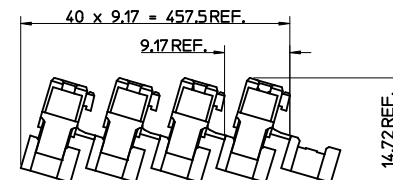
CCT	DIM A	DIM B
3	5.0	9.875
4	7.5	12.375
5	10.0	14.875
6	12.5	17.375
7	15.0	19.875
8	17.5	22.375
9	20.0	24.875
10	22.5	27.375
11	25.0	29.875
12	27.5	32.375
13	30.0	34.875
14	32.5	37.375
15	35.0	39.875
16	37.5	42.375
17	40.0	44.875
18	42.5	47.375
19	45.0	49.875
20	47.5	52.375



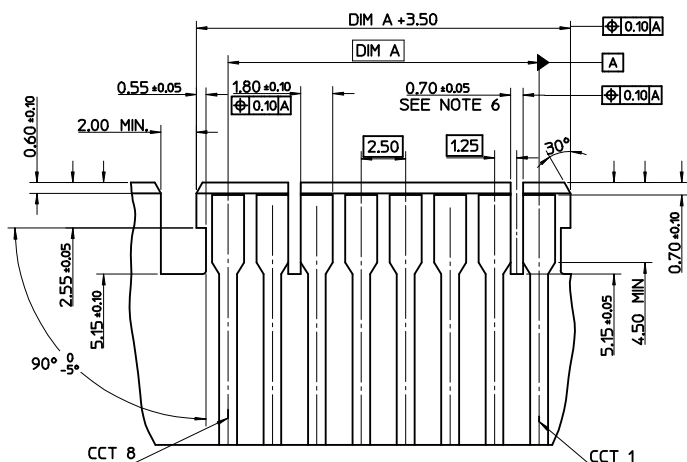
COLOR STRIPE TO BE
WITHIN SHADED AREA
(OPTIONAL) SEE NOTE 7.

NOTES:

1. MATERIAL: HOUSING - NYLON PA6 COLOUR: NATURAL
TERMINAL - COPPER ALLOY
2. PLATING: TIN
3. PRODUCT CONFORMS TO PRODUCT SPECIFICATION PS-92336-001
4. APPLICATION SPECIFICATION AS-99033-0008
5. SEE SUBSEQUENT SHEETS FOR PART NUMBERS
6. 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 HAS TWO POLARISING RIBS
7. COLOR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING
COLORS: BLACK, RED, BLUE, GREEN
8. NO CODING KEY "a", AS LATCH REPLACES FIRST AND LAST
CODING KEY.
9. REFER TO PACKAGING SPECIFICATION: PK-90871-001
10. THE POSITIONAL RIB SLOT CAN BE PLACED BETWEEN ANY TWO CIRCUITS
TO SUIT MATING CONNECTOR. ABOVE SKETCH SHOWS A PARTICULAR EXAMPLE



SHIPPING ARRANGEMENT



EXAMPLE OF PCB LAYOUT FOR THIS CONNECTOR SHOWN ABOVE
- 8CCT WITH POLARISING RIB BETWEEN CCT 1&2 AND 6&7
- RECOMMENDED PCB THICKNESS: 1.50±0.14mm

ADDED NEW PART NUMBERS		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: IPG2014-1186		DRAWN: CMONAHAN		mm		MM ONLY		5:1		METRIC		THIRD ANGLE PROJECTION	
REV		DESCRIPTION		INCH		DRAWN BY		DATE		TITLE		THIRD ANGLE PROJECTION	
G		APPR: STRIFFLIN		± ---		N. MCNAMA		2004/09/07		2.5MM SIGNAL		1 OF 4	
				± 0.10		CHECKED BY		DATE		W/SIDE LATCHES			
				± 0.10		J DENNEHY		2004/09/08		(2.5 & 5MM TERM PITCH)			
				± 0.2		APPROVED BY		DATE		MOLEX INCORPORATED			
				ANGULAR ± 2 °		BMAGUIRE		2011/04/19		DOCUMENT NO.			
				DRAFT WHERE APPLICABLE		MATERIAL NO.		SEE SHEET 2-4		SD-92339-001			
				MUST REMAIN WITHIN DIMENSIONS		SIZE		A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

2 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-9001	92340-0103	CCT 2	a d		CCT 1&2	NONE
92339-9002	92340-0203	CCT 2	a d		CCT 2&3	NONE
92339-9003	92340-0003	CCT 2	a d		NONE	NONE
92339-9004	92340-0103	CCT 2	a c d		CCT 1&2	RED
92339-9005	92340-0103	CCT 2	a b d		CCT 1&2	GREEN
92339-9006	92340-0203	CCT 2	a c d		CCT 2&3	BLUE
92339-9007	92340-0203	CCT 2	a b d		CCT 2&3	BLACK
92339-9008	92340-0103	CCT 2	a c d		CCT 1&2	NONE
92339-9009	92340-0203	CCT 2	a c d		CCT 2&3	NONE
92339-9010	92340-0203	CCT 2	a b d		CCT 2&3	NONE
92339-9011	92340-0103	CCT 2	a b d		CCT 1&2	NONE
92339-9013	92340-0103	CCT 2	a c d		CCT 1&2	BLUE
92339-9014	92340-0203	CCT 2	a d		CCT 2&3	GREEN
92339-9015	92340-0003	CCT 2	a c d		NONE	RED
92339-9016	92340-0003	CCT 2	a b d		NONE	GREEN

3 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-0001	92340-0103	NONE	a d		CCT 1&2	NONE
92339-0002	92340-0003	NONE	a c d		NONE	NONE
92339-0003	92340-0203	NONE	a d		CCT 2&3	NONE
92339-0004	92340-0103	NONE	a c d		CCT 1&2	NONE
92339-0005	92340-0103	NONE	a b d		CCT 1&2	NONE
92339-0006	92340-0203	NONE	a d		CCT 2&3	BLACK
92339-0007	92340-0103	NONE	a d		CCT 1&2	RED
92339-0008	92340-0103	CCT 2	a d		CCT 1&2	GREEN

4 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-0501	92340-0104	NONE	a e		CCT 1&2	NONE
92339-0502	92340-0004	NONE	a e		NONE	NONE
92339-0503	92340-0004	CCT 3	a b e		NONE	RED
92339-0504	92340-0004	NONE	a d e		NONE	BLACK
92339-0505	92340-0004	NONE	a d e		NONE	NONE
92339-0506	92340-0004	CCT 3	a b e		NONE	NONE
92339-0507	92340-0104	NONE	a e		CCT 1&2	BLACK
92339-0508	92340-0004	NONE	a e		NONE	RED
92339-0509	92340-0104	NONE	a c e		CCT 1&2	NONE
92339-0510	92340-0304	NONE	a e		CCT 3&4	NONE
92339-0511	92340-0004	CCT 3	NONE		NONE	GREEN

5 CIRCUIT

MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-1001	92340-0205	NONE	a f		CCT 2&3	NONE
92339-1002	92340-0105	NONE	a f		CCT 1&2	NONE
92339-1003	92340-0205	NONE	a f		CCT 2&3	BLACK
92339-1004	92340-0105	CCT 4	a f		CCT 1&2	GREEN
92339-1005	92340-0305	NONE	a f		CCT 3&4	RED
92339-1006	92340-0305	CCT 2	a f		CCT 3&4	BLUE

NOTES

- + DENOTES TERMINAL VOIDED POSITION
⊕ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION

SEE SHEET 1 EC NO: PG2014-1186 DRAWN BY: DRWINNOMAHAN CHKD: G APPR: STGRIFIN	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY N.MCNAME		DATE 2004/09/07	TITLE 2.5MM SIGNAL W/SIDE LATCHES (2.5 & 5MM TERM PITCH)		
				CHECKED BY J.DENNEHY		DATE 2004/09/08	MOLEX INCORPORATED		
				APPROVED BY B.MAGUIRE		DATE 2011/04/19	DOCUMENT NO. SD-92339-001		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

6 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-1501	92340-0206	NONE	a g		CCT 2&3	NONE
92339-1502	92340-0506	NONE	a g		CCT 5&6	NONE
92339-1503	92340-0206	NONE	a g		CCT 2&3	BLACK
92339-1504	92340-0206	NONE	a g		CCT 2&3	BLUE
92339-1505	92340-0106	NONE	a g		CCT 1&2	NONE
92339-1506	92340-0406	NONE	a g		CCT 4&5	NONE
92339-1507	92340-0006	NONE	a g		NONE	NONE
92339-1508	92340-0406	CCT 3, 5	a g		CCT 4&5	GREEN
92339-1509	92340-0406	NONE	a g		CCT 4&5	RED

7 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-2001	92340-2307	NONE	a h		CCT 1&2 & CCT 5&6	NONE
92339-2002	92340-0107	CCT 2	a h		CCT 1&2	NONE
92339-2003	92340-0207	NONE	a h		CCT 2&3	BLACK
92339-2004	92340-0507	NONE	a h		CCT 5&6	NONE
92339-2005	92340-0207	CCT 2&4	a h		CCT 2&3	NONE

8 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-2501	92340-2408	NONE	a i		CCT 1&2 & CCT 6&7	NONE
92339-2502	92340-2408	CKT 2, 5	a i		CCT 1&2 & CCT 6&7	NONE
92339-2503	92340-2408	CKT 2	a i		CCT 1&2 & CCT 6&7	NONE
92339-2504	92340-0208	NONE	a i		CCT 2&3	NONE
92339-2505	92340-0208	CKT 2, 5	a i		CCT 2&3	NONE
92339-2506	92340-0108	NONE	a i		CCT 1&2	NONE
92339-2507	92340-0308	NONE	a i		CCT 3&4	NONE
92339-2508	92340-0308	NONE	a i		CCT 3&4	RED

NOTES
1 + DENOTES TERMINAL VOIDED POSITION
⊙ DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION

SEE SHEET 1

EC NO: 1P2014-1186

DRW: MCDONNAN

CHKD: 2014/01/07

APPR: STRIFFLIN

REV: 2014/01/30

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± --- ± ---
3 PLACES ± 0.10 ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.2 ± ---
ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY N. MCNAMA
CHECKED BY J. DENNEHY
APPROVED BY BMAGUIRE
DATE 2004/09/07
DATE 2004/09/08
DATE 2011/04/19

SCALE 5:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
2.5MM SIGNAL W/SIDE LATCHES (2.5 & 5MM TERM PITCH)
MOLEX INCORPORATED
DOCUMENT NO. SD-92339-001
SHEET NO. 3 OF 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

20	19	18	17	16	15	
9 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOR STRIPE
92339-3001	92340-2509	NONE	a j		CCT 1&2 & CCT 7&8	NONE
92339-3426	92340-2509	CCT 2, 4, 6, 8	a j		CCT 1&2 & CCT 7&8	NONE
92339-3003	92340-0209	CCT 2	a j		CCT 2&3	GREEN
92339-3004	92340-0209	CCT 2, 4, 6	a j		CCT 2&3	BLACK
92339-3005 PART NUMBER OBSOLETE (NO GREY STRIPE AVAILABLE)						
92339-3006	92340-0209	None	a j		CCT 2&3	BLACK
92339-3007	92340-0209	CCT 3, 5, 7	a j		CCT 2&3	GREEN
92339-3008 PART NUMBER OBSOLETE (NO GREY STRIPE AVAILABLE)						
92339-3009	92340-0209	CCT 3, 5, 8	a j		CCT 2&3	GREEN
92339-3010	92340-0409	CCT 3, 5, 7	a j		CCT 4&5	RED

13 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-5001	92340-2913	NONE	a n		CCT 1&2 & CCT 11&12	NONE

10 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-3501	92340-2610	NONE	a k		CCT 1&2 & CCT 8&9	NONE
92339-3502	92340-0910	NONE	a k		CCT 9&10	RED
92339-3503	92340-0910	NONE	a k		CCT 9&10	NONE
92339-3504	92340-0210	NONE	a k		CCT 2&3	NONE
92339-3505	92340-0210	NONE	a k		CCT 2&3	BLACK

11 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-4001	92340-2711	NONE	a l		CCT 1&2 & CCT 9&10	NONE

12 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-4501	92340-2812	NONE	a m		CCT 1&2 & CCT 10&11	NONE
92339-4502	92340-2812	CCT 2, 5, 8, 10	a m		CCT 1&2 & CCT 10&11	NONE
92339-4503	92340-0212	NONE	a m		CCT 2&3	NONE
92339-4504	92340-0212	CCT 2, 5, 8, 10	a m		CCT 2&3	NONE
92339-4505	92340-0212	NONE	a m		CCT 2&3	BLACK
92339-4506	92340-1112	NONE	a m		CCT 11&12	NONE

14 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-5501	92340-3014	NONE	a o		CCT 1&2 & CCT 12&13	NONE

15 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-6001	92340-3115	NONE	a p		CCT 1&2 & CCT 13&14	NONE
92339-6426	92340-3115	CCT 2, 4, 6, 8, 10, 12, 14	a p		CCT 1&2 & CCT 13&14	NONE

16 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-6501	92340-3216	NONE	a q		CCT 1&2 & CCT 14&15	NONE

17 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-7001	92340-3317	NONE	a r		CCT 1&2 & CCT 15&16	NONE
92339-7002	92340-6617	CCT 2, 4, 5, 6, 8 10, 12, 14, 16,	a r		CCT 3&4 & CCT 15&16	NONE

18 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-7501	92340-3418	NONE	a s		CCT 1&2 & CCT 16&17	NONE

19 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-8001	92340-3519	NONE	a t		CCT 1&2 & CCT 17&18	NONE

20 CIRCUIT						
MOLEX PART NO.	HOUSING PART NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	POLARIZING RIB BETWEEN	COLOUR STRIPE
92339-8501	92340-3620	NONE	a u		CCT 1&2 & CCT 18&19	NONE

- NOTES
- + DENOTES TERMINAL VOIDED POSITION
 - ⊕ DENOTES TERMINAL LOADED POSITION
 - | DENOTES POLARIZING RIB POSITION

SEE SHEET 1 EC NO: 1P0204-1166 G DRAWN BY: DRWNC/MAN CHKD: APPR:ST/GRFFIN REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2°	DIMENSION STYLE MM ONLY DRAWN BY DATE N.MCNAME 2004/09/07 CHECKED BY DATE J.DENEHY 2004/09/08 APPROVED BY DATE B.MAGUIRE 2011/04/19	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	2.5MM SIGNAL W/SIDE LATCHES (2.5 & 5MM TERM PITCH)	MOLEX INCORPORATED	MATERIAL NO. DOCUMENT NO. SD-92339-001	SHEET NO. 4 OF 4	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	