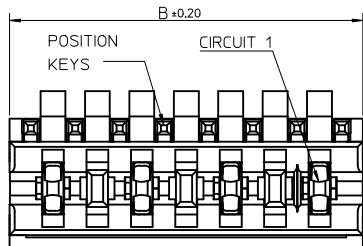
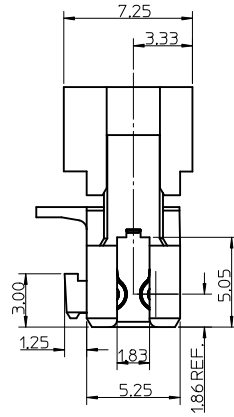
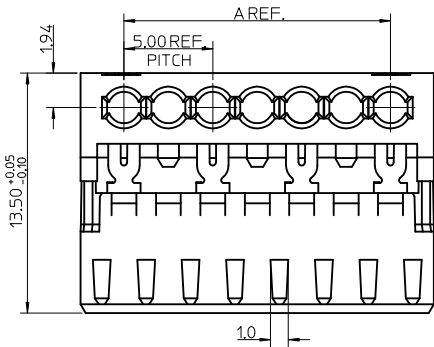
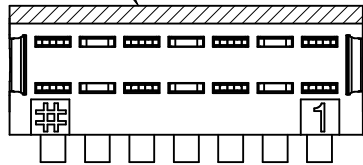
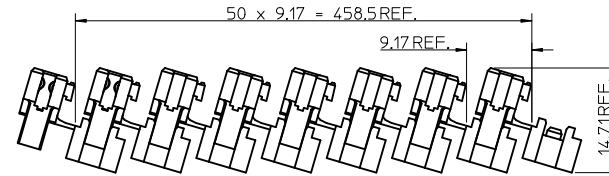


POSITION OF COLOUR STRIPE (see note 3)

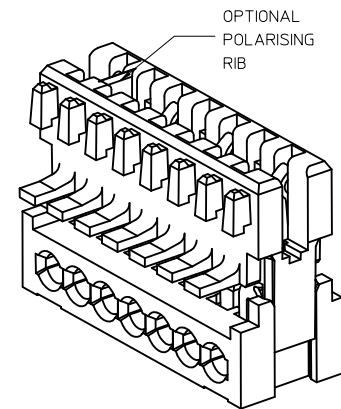


- NOTES:
- REFER TO PRODUCT SPECIFICATION: PS-99020-0040.
  - MATERIAL: HOUSING - NYLON PA6  
UL94-V0, COLOUR: NATURAL (WHITE).  
TERMINAL: PHOSPHOR BRONZE 0.30 REF. THICK - PLATING HOT TIN DIP.
  - COLOUR STRIPE IS OPTIONAL, AVAILABLE IN THE FOLLOWING COLOURS: BLACK, RED, GREEN, BLUE
  - REFER TO PACKAGING SPEC (PK-90871-001).
  - REFER TO APPLICATION SPEC (AS-99033-0008)

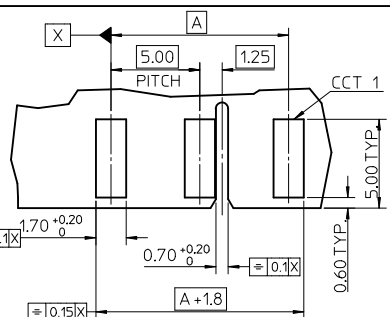


SHIPPING ARRANGEMENT SCALE 2:1

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



SEE SD-91717-001 FOR RELEVANT PART NUMBERS.



- RECOMMENDED PCB LAYOUT FOR 3CCT (5MM PITCH) CONNECTOR (OPTIONAL POSITIONAL RIB SLOT ALSO SHOWN)

- RECOMMENDED PCB THICKNESS 1.5±0.14mm

ADDED P/N  
EC NO: IPG2013-1063  
DRAWING NO: IIVAN012013/01/18  
CHKD:  
APPR: STGRJFF/IN 2013/02/14  
W

DESCRIPTION  
QUALITY SYMBOLS  
=0  
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.10	± 0.004
3 PLACES	± 0.15	± 0.005
2 PLACES	± 0.20	± 0.008
1 PLACE	± 0.25	± 0.010

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

DRAWN BY	DATE
NMCNAMAR	2004/02/12
CHECKED BY	DATE
JDENNEHY	2004/02/13
APPROVED BY	DATE
BMAGUIRE	2004/02/16

MATERIAL NO.  
SEE SHEET 2&3

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
5:1	METRIC	THIRD ANGLE

TITLE  
APPLI-MATE 2.5 FEMALE  
5MM TERMINAL PITCH  
(MATL: NYLON PA6)

MOLEX INCORPORATED

DOCUMENT NO. SD-91717-001 SHEET NO. 1 OF 3

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

## 2 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-0002	91715-0003	NONE		NONE	NONE
91717-0003	91715-0003	a		NONE	NONE
91717-0004	91715-0003	b		NONE	NONE
91717-0005	91715-0003	c		NONE	NONE
91717-0006	91715-0003	d		NONE	NONE
91717-0007	91715-0003	b d		NONE	NONE
91717-0008	91715-0003	a c		NONE	NONE
91717-0009	91715-0003	a d		NONE	NONE
91717-0010	91715-0003	a b		NONE	NONE
91717-0011	91715-0003	b c		NONE	NONE
91717-0012	91715-0003	c d		NONE	NONE
91717-0014	91715-0003	b c d		NONE	NONE
91717-0013	91715-0003	b c		NONE	RED
91717-0015	91715-0003	b c d		NONE	BLUE
91717-0016	91715-0003	c d		NONE	BLUE
91717-0017	91715-0203	NONE		BETWEEN HSG CKT 2&3	NONE
91717-0018	91715-0103	NONE		BETWEEN HSG CKT 1&2	NONE
91717-0019	91715-0003	NONE		NONE	BLUE
91717-0020	91715-0003	a c		NONE	BLUE
91717-0021	91715-0003	b c		NONE	GREEN
91717-0022	91715-0003	a d		NONE	GREEN
91717-0023	91715-0003	NONE		NONE	GREEN
91717-0024	91715-0103	d		BETWEEN HSG CKT 1&2	RED

## 2 CIRCUIT (cont'd)

MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-0025	91715-0103	a c		BETWEEN HSG CKT 1&2	RED
91717-0026	91715-0203	a		BETWEEN HSG CKT 2&3	NONE
91717-0027	91715-0203	NONE		BETWEEN HSG CKT 2&3	RED
91717-0028	91715-0003	a		NONE	RED
91717-0029	91715-0003	NONE		NONE	RED
91717-0030	91715-0103	b c d		BETWEEN HSG CKT 1&2	RED
91717-0031	91715-0203	a		BETWEEN HSG CKT 2&3	RED
91717-0032	91715-0003	b		NONE	RED
91717-0033	91715-0003	d		NONE	YELLOW
91717-0035	91715-0003	b d		NONE	GREEN
91717-0036	91715-0103	NONE		BETWEEN HSG CKT 1&2	RED
91717-0037	91715-0103	b d		BETWEEN HSG CKT 1&2	RED
91717-0038	91715-0203	a c		BETWEEN HSG CKT 2&3	NONE
91717-0039	91715-0003	a b d		NONE	NONE
91717-0040	91715-0003	a		NONE	BLUE

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

## 3 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-1001	91715-0005	NONE		NONE	NONE
91717-1002	91715-0005	b		NONE	NONE
91717-1003	91715-0005	c		NONE	NONE
91717-1004	91715-0005	c d e		NONE	NONE
91717-1005	91715-0405	NONE		BETWEEN HSG CKT 4&5	NONE
91717-1007	91715-0105	NONE		BETWEEN HSG CKT 1&2	NONE
91717-1008	91715-0005	d e f		NONE	RED
91717-1009	91715-0005	a b c		NONE	RED
91717-1010	91715-0005	a c d e		NONE	NONE
91717-1011	91715-0005	a c d e		NONE	BLUE
91717-1012	91715-0005	b c d e		NONE	NONE
91717-1013	91715-0005	a c e		NONE	NONE
91717-1014	91715-0005	a e		NONE	NONE
91717-1015	91715-0005	a e		NONE	BLACK
91717-1016	91715-0005	d e f		NONE	NONE

SEE SHEET 1 DEC NO: 1PFG2013-1063 DRW: MRSULLIVAN 2013/01/18 CHKD: APPR: STIGLITZ 2013/02/14	QUALITY SYMBOLS = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY DATE NMCNAMAR 2004/02/12	CHECKED BY DATE J DENNEHY 2004/02/13	APPROVED BY DATE BMAGUIRE 2004/02/16	MATERIAL NO. SD-91717-001	DOCUMENT NO. SD-91717-001	SHEET NO. 2 OF 3	TITLE APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)
	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						

4 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-2001	91715-0007	NONE		NONE	NONE
91717-2002	91715-0007	a		NONE	NONE
91717-2003	91715-0007	b		NONE	NONE
91717-2004	91715-0007	d f		NONE	NONE
91717-2005	91715-0007	a e g		NONE	<b>RED</b>
91717-2006	91715-0007	c e		NONE	NONE
91717-2007	91715-0007	a b d e g		NONE	NONE

7 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-5001	91715-0013	a c e g i k m		NONE	NONE

8 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-6001	91715-0015	NONE		NONE	NONE

5 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-3001	91715-0009	NONE		NONE	NONE
91717-3002	91715-0009	b c g h i		NONE	<b>GREEN</b>
91717-3003	91715-0009	ALL		NONE	NONE

9 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-7001	91715-0017	NONE		NONE	NONE

6 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-4001	91715-0011	NONE		NONE	NONE
91717-4002	91715-0011	b c d e f g h i k		NONE	NONE

10 CIRCUIT					
MOLEX PART NO.	MOLEX HOUSING NO.	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	POLARIZING RIB	COLOUR STRIPE
91717-8001	91715-0019	NONE		NONE	NONE

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

<b>SEE SHEET 1</b> EC NO: IPC2013-1063 DRAWN BY: WANG JIANG CHKD: APPR: STORIFF IN DESIGNED BY:	<b>QUALITY SYMBOLS</b>  		<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.005</td> <td>±.0002</td> </tr> <tr> <td>3 PLACES</td> <td>±.002</td> <td>±.0001</td> </tr> <tr> <td>2 PLACES</td> <td>±0.10</td> <td>±.004</td> </tr> <tr> <td>1 PLACE</td> <td>±0.2</td> <td>±.008</td> </tr> </table>			mm	INCH	4 PLACES	±.005	±.0002	3 PLACES	±.002	±.0001	2 PLACES	±0.10	±.004	1 PLACE	±0.2	±.008	<b>DIMENSION STYLE</b> <b>MM ONLY</b>		<b>SCALE</b> 1:1	<b>DESIGN UNITS</b> METRIC	<b>THIRD ANGLE PROJECTION</b>
		mm	INCH																					
	4 PLACES	±.005	±.0002																					
	3 PLACES	±.002	±.0001																					
2 PLACES	±0.10	±.004																						
1 PLACE	±0.2	±.008																						
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>			<b>SEE CHARTS</b>		<b>APPLI-MATE 2.5 FEMALE 5MM TERMINAL PITCH (MATL: NYLON PA6)</b>																			
<b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b>			<b>MOLEX INCORPORATED</b>		<b>SD-91717-001</b>		<b>3 OF 3</b>																	