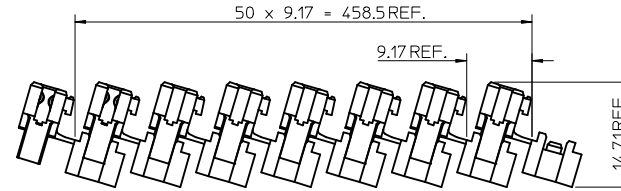
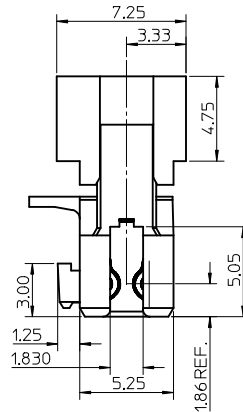
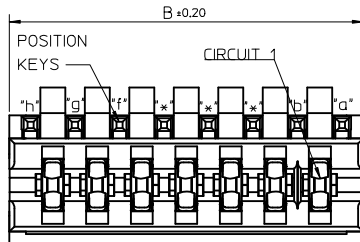
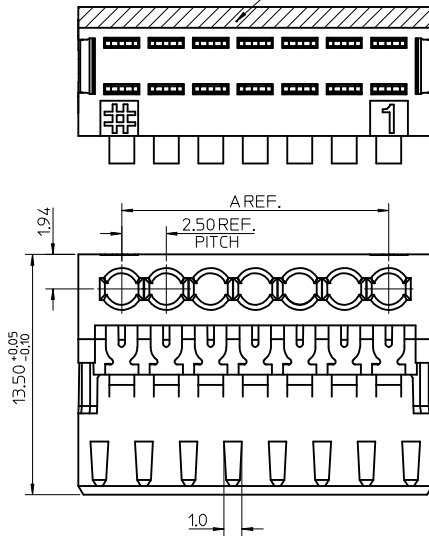


EM-91716-010

SURFACE FOR
COLOUR STRIPE
(see note 3)



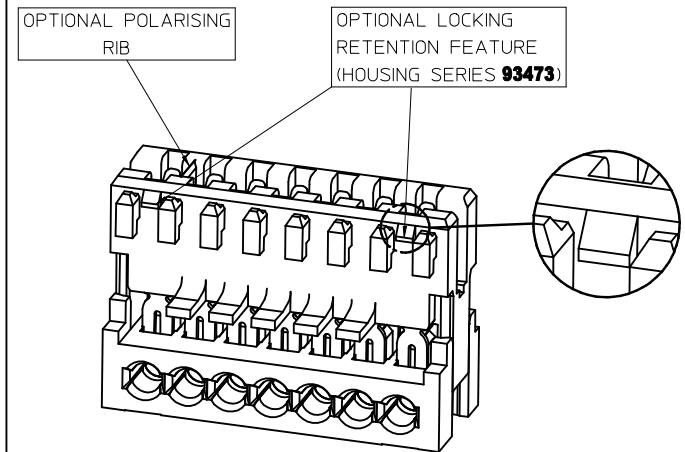
SHIPPING ARRANGEMENT

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

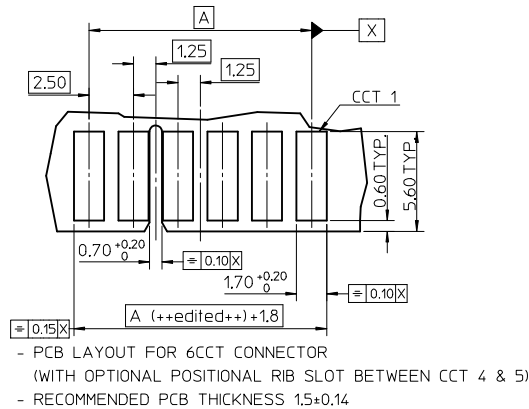
NOTES:

1. REFER TO PRODUCT SPECIFICATION: PS-99020-0040.
2. MATERIAL: HOUSING - NYLON PA6
UL94-VO, COLOUR: NATURAL (WHITE).
TERMINAL: PHOSPHOR BRONZE 0.30 REF. THICK - PLATING
HOT TIN DIP.
3. COLOUR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING
COLOURS: RED, GREEN, BLUE, PURPLE
(**BOLD** SIGNIFIES CUSTOMER SPECIFIC CONFIGURATION).
4. REFER TO PACKAGING SPEC (PK-90871-001)
5. REFER TO APPLICATION SPEC (AS-99033-0008)

OPTIONAL PART FEATURES



SEE SUBSEQUENT SHEETS FOR RELEVANT PART NUMBERS.
*LOCKING RETENTION FEATURE AVAILABLE **FIRST** AND **LAST** CIRCUIT ONLY
SMALLEST CIRCUIT SIZE AVAILABLE WITH LOCKING RETENTION FEATURE IS 5 CKT



- PCB LAYOUT FOR 6CCT CONNECTOR
(WITH OPTIONAL POSITIONAL RIB SLOT BETWEEN CCT 4 & 5)
- RECOMMENDED PCB THICKNESS 1.5±0.14

ADDED VIEWS EC NO: IPG2014-0613 DRAWN: MONAHAN 2013/09/30 CHKD: APPR: STURTELLIN 2013/11/26 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 			
				mm	INCH	DRAWN BY NMCNAR	DATE 2004/02/12	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)				
			4 PLACES	± ---	± ---	CHECKED BY JDENNEHY	DATE 2004/02/13					
			3 PLACES	± 0.05	± ---	APPROVED BY	DATE					
			2 PLACES	± 0.10	± ---	BMAGUIRE	2004/02/16	molex				
			1 PLACE	± 0.2	± ---	MATERIAL NO.						
			0 PLACE	±	±	SEE SHEETS 2-8		SD-91716-001		1 OF 8		
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE									
			MUST REMAIN WITHIN DIMENSIONS									

	20	19	18	17	16	15	14		
M	3 CIRCUIT								
	MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
						FIRST	LAST		
L	91716-0001	91715-0003	NONE	NONE		OPEN	OPEN	NONE	NONE
	91716-0002	91715-0003	NONE	a d		OPEN	OPEN	NONE	RED
K	91716-0013	91715-0003	NONE	a		OPEN	OPEN	NONE	NONE
	91716-0014	91715-0003	NONE	b		OPEN	OPEN	NONE	NONE
J	91716-0015	91715-0003	NONE	c		OPEN	OPEN	NONE	NONE
	91716-0016	91715-0003	NONE	d		OPEN	OPEN	NONE	NONE
I	91716-0017	91715-0003	NONE	b d		OPEN	OPEN	NONE	NONE
	91716-0018	91715-0003	NONE	a c		OPEN	OPEN	NONE	NONE
H	91716-0019	91715-0003	NONE	a d		OPEN	OPEN	NONE	NONE
	91716-0020	91715-0003	NONE	a b		OPEN	OPEN	NONE	NONE
G	91716-0021	91715-0003	NONE	b c		OPEN	OPEN	NONE	NONE
	91716-0022	91715-0003	NONE	c d		OPEN	OPEN	NONE	NONE
F	91716-0023	91715-0003	CKT 2	b d		OPEN	OPEN	NONE	NONE
	91716-0024	91715-0003	CKT 3	c		OPEN	OPEN	NONE	BLUE
E	91716-0034	91715-0103	NONE	NONE		OPEN	OPEN	BETWEEN CKT 1&2	NONE
	91716-0041	91715-0203	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE
D	91716-0042	91715-0003	CKT 1	NONE		OPEN	OPEN	NONE	NONE
	91716-0043	91715-0003	CKT 1	c		OPEN	OPEN	NONE	NONE
C	91716-0044	91715-0003	NONE	b d		OPEN	OPEN	NONE	BLUE
	91716-0045	91715-0003	NONE	b		OPEN	OPEN	NONE	BLUE
B	91716-0046	91715-0003	CKT 1	d		OPEN	OPEN	NONE	NONE
	91716-0047	91715-0003	NONE	b d		OPEN	OPEN	NONE	RED
A	91716-0048	91715-0003	NONE	b c d		OPEN	OPEN	NONE	NONE
	91716-0049	91715-0003	NONE	c		OPEN	OPEN	NONE	PURPLE
	91716-0050	91715-9903	NONE	NONE		OPEN	NARROW	NONE	NONE

- NOTES
- + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
↑ DENOTES POLARIZING RIB POSITION
 - HOUSING NUMBER FOR MOLEX REFERENCE ONLY

4 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE	
					FIRST	LAST			
91716-0501	91715-0004	NONE	NONE		OPEN	OPEN	NONE	NONE	
91716-0502	91715-0004	NONE	d		OPEN	OPEN	NONE	NONE	
91716-0503	91715-0004	NONE	a d		OPEN	OPEN	NONE	NONE	
91716-0504	91715-0004	NONE	c e		OPEN	OPEN	NONE	NONE	
91716-0505	91715-0004	NONE	a		OPEN	OPEN	NONE	NONE	
91716-0506	91715-0204	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE	
91716-0538	91715-0004	NONE	b		OPEN	OPEN	NONE	NONE	
91716-0530	91715-0004	NONE	b c		OPEN	OPEN	NONE	NONE	
91716-0539	91715-0004	NONE	a b		OPEN	OPEN	NONE	NONE	
91716-0540	91715-0004	NONE	d e		OPEN	OPEN	NONE	NONE	
91716-0541	91715-0004	NONE	ALL		OPEN	OPEN	NONE	NONE	
91716-0542	91715-0004	NONE	a b e		OPEN	OPEN	NONE	NONE	
91716-0507	91715-0004	CKT 1	NONE		OPEN	OPEN	NONE	NONE	
91716-0543	91715-0304	NONE	NONE		OPEN	OPEN	BETWEEN CKT 3&4	RED	
91716-0544	91715-0204	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	BLUE	
91716-0545	91715-0004	NONE	d		OPEN	OPEN	NONE	BLUE	
91716-0546	91715-0004	NONE	b		OPEN	OPEN	NONE	RED	
91716-0547	91715-0004	NONE	b c		OPEN	OPEN	NONE	GREEN	
91716-0548	91715-0004	NONE	c d		OPEN	OPEN	NONE	RED	
91716-0549	91715-0004	NONE	a c e		OPEN	OPEN	NONE	NONE	

SEE SHEET 1 EC NO: PG204-0613 DRAWN: MCMHAN CHKD: AW	DESCRIPTION 2013/11/26 APPR: STGRIFE	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY NMCNAR	DATE 2004/02/12	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)					
			4 PLACES	±.005	±.005	CHECKED BY JDENNEY	DATE 2004/02/13					
			3 PLACES	±.010	±.010	APPROVED BY BMAGUIRE	DATE 2004/02/16					
			2 PLACES	±.02	±.02							
			1 PLACE	±	±							
			ANGULAR ±1/2°		SEE CHARTS		DOCUMENT NO. SD-91716-001		SHEET NO. 2 OF 8			
			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							

4 CIRCUIT (cont'd)

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-0550	91715-0104	NONE	NONE		OPEN	OPEN	BETWEEN CKT 1&2	NONE
91716-0551	91715-0004	NONE	NONE		OPEN	OPEN	NONE	GREEN
91716-0552	91715-0004	NONE	b c d		OPEN	OPEN	NONE	NONE
91716-0553	91715-0004	NONE	b d		OPEN	OPEN	NONE	NONE
91716-0554	91715-0004	NONE	a b d		OPEN	OPEN	NONE	NONE
91716-0555	91715-0004	NONE	a c e		OPEN	OPEN	NONE	BLACK
91716-0556	91715-0004	NONE	a e		OPEN	OPEN	NONE	NONE

5 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-1001	91715-0005	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-1002	91715-0305	NONE	ALL		OPEN	OPEN	BETWEEN CKT 3&4	NONE
91716-1003	91715-0405	NONE	NONE		OPEN	OPEN	BETWEEN CKT 4&5	NONE
91716-1004	91715-0005	NONE	c d		OPEN	OPEN	NONE	NONE
91716-1005	91715-0005	NONE	a		OPEN	OPEN	NONE	NONE
91716-1006	91715-0005	NONE	b		OPEN	OPEN	NONE	NONE
91716-1007	91715-0005	NONE	a b e f		OPEN	OPEN	NONE	NONE
91716-1008	91715-0205	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE
91716-1009	91715-0005	CKT 2, 3, 4	NONE		OPEN	OPEN	NONE	NONE
91716-1010	91715-0005	CKT 2	c		OPEN	OPEN	NONE	NONE
91716-1011	91715-0005	CKT 2	d		OPEN	OPEN	NONE	NONE
91716-1012	91715-0005	CKT 2	b		OPEN	OPEN	NONE	NONE
91716-1013	91715-0005	CKT 2	a		OPEN	OPEN	NONE	NONE
91716-1014	91715-0005	NONE	b c d e		OPEN	OPEN	NONE	NONE
91716-1015	91715-0305	CKT 2,3,4	NONE		OPEN	OPEN	BETWEEN CKT 3&4	RED

5 CIRCUIT (cont'd)

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-1016	91715-0005	CKT 2	b		OPEN	OPEN	NONE	RED
91716-1017	91715-0005	NONE	d e		OPEN	OPEN	NONE	NONE
91716-1018	91715-0005	NONE	a d f		OPEN	OPEN	NONE	NONE
91716-1019	91715-0105	NONE	NONE		OPEN	OPEN	BETWEEN CKT 1&2	NONE
91716-1020	91715-0005	CKT 2, 3, 4	b		OPEN	OPEN	NONE	NONE
91716-1021	91715-0005	NONE	d		OPEN	OPEN	NONE	NONE
91716-1022	91715-0005	NONE	b f		OPEN	OPEN	NONE	RED
91716-1023	91715-0005	CKT 2, 3, 4	c e		OPEN	OPEN	NONE	NONE
91716-1024	91715-0205	NONE	a b e f		OPEN	OPEN	BETWEEN 2&3	NONE
91716-1025	91715-0005	CKT 2, 3, 4	c f		OPEN	OPEN	NONE	NONE

SEE SHEET 1 EC NO: IPG2014-0613 DRAWN BY: DRWNCOMMAN CHKD: AW APPROVED: GRIFIN 2013/11/26	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY NMCNAR	DATE 2004/02/12	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)				
		4 PLACES ±.0005	±.0005	CHECKED BY JDENNEY	DATE 2004/02/13					
		3 PLACES ±0.05	±.05	APPROVED BY BMAGUIRE	DATE 2004/02/16	DOCUMENT NO. SD-91716-001				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		SEE CHARTS		SHEET NO. 3 OF 8				
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

6 CIRCUIT								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-1501	91715-0006	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-1502	91715-0306	NONE	ALL		OPEN	OPEN	BETWEEN CKT 3&4	NONE
91716-1503	91715-0006	NONE	c e f g		OPEN	OPEN	NONE	NONE
91716-1504	91715-0206	NONE	ALL		OPEN	OPEN	BETWEEN CKT 2&3	NONE
91716-1505	91715-0006	CKT 2, 5	d f		OPEN	OPEN	NONE	NONE
91716-1506	91715-0006	NONE	a b f g		OPEN	OPEN	NONE	NONE
91716-1507	91715-0006	NONE	e f		OPEN	OPEN	NONE	NONE
91716-1509	91715-0006	NONE	g		OPEN	OPEN	NONE	NONE
91716-1510	91715-0006	CKT 2	c f		OPEN	OPEN	NONE	NONE
91716-1511	91715-0006	CKT 2, 5	NONE		OPEN	OPEN	NONE	NONE
91716-1512	91715-0006	CKT 3, 5	NONE		OPEN	OPEN	NONE	NONE
91716-1513	91715-0006	CKT 2, 4	b d e f		OPEN	OPEN	NONE	NONE
91716-1514	91715-0106	CKT 3, 5	NONE		OPEN	OPEN	BETWEEN CKT 1&2	NONE
91716-1515	91715-0206	CKT 2, 5	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE
91716-1516	91715-0306	NONE	c f		OPEN	OPEN	BETWEEN CKT 3&4	NONE
91716-1517	91715-0006	NONE	c e		OPEN	OPEN	NONE	NONE
91716-1518	91715-0006	CKT 2, 4	NONE		OPEN	OPEN	NONE	NONE
91716-1519	91715-0006	NONE	a c e		OPEN	OPEN	NONE	NONE
91716-1520	91715-0006	CKT 5	c e		OPEN	OPEN	NONE	NONE
91716-1521	91715-0006	CKT 2, 4, 5, 6	c e		OPEN	OPEN	NONE	NONE
91716-1522	91715-0006	CKT 2, 6	c e		OPEN	OPEN	NONE	NONE

6 CIRCUIT (cont'd)								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-1523	91715-0406	NONE	NONE		OPEN	OPEN	BETWEEN CKT 4&5	NONE
91716-1524	91715-0006	CKT 2, 4, 5, 6	NONE		OPEN	OPEN	NONE	NONE
91716-1525	91715-0006	CKT 2, 6	NONE		OPEN	OPEN	NONE	NONE
91716-1526	91715-0006	CKT 2, 5	NONE		OPEN	OPEN	NONE	NONE
91716-1527	91715-0006	CKT 2, 5	c e		OPEN	OPEN	NONE	NONE
91716-1528	91715-0006	CKT 2, 5	a b d f g		OPEN	OPEN	NONE	GREEN
91716-1529	91715-0006	NONE	d		OPEN	OPEN	NONE	NONE
91716-1531	91715-0006	CKT 1, 2, 3, 5	NONE		OPEN	OPEN	NONE	NONE
91716-1532	91715-0006	CKT 1, 2, 3, 5	d f		OPEN	OPEN	NONE	NONE
91716-1534	91715-0006	CKT 3, 4	b d f		OPEN	OPEN	NONE	NONE
91716-1535	91715-0006	CKT 4, 5	b d f		OPEN	OPEN	NONE	NONE
91716-1536	91715-0206	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE
91716-1537	91715-0006	NONE	d		OPEN	OPEN	NONE	BLUE
91716-1538	91715-0006	CKT 2, 5	b d		OPEN	OPEN	NONE	NONE
91716-1539	91715-0006	CKT 5, 6	c f		OPEN	OPEN	NONE	NONE
91716-1540	91715-0006	CKT 2, 4	d e		OPEN	OPEN	NONE	GREEN
91716-1541	91715-0006	NONE	a f g		OPEN	OPEN	NONE	NONE
91716-1542	91715-0006	NONE	NONE		OPEN	OPEN	NONE	RED
91716-1543	91715-0506	NONE	NONE		OPEN	OPEN	BETWEEN 5&6	NONE
91716-1544	91715-0006	NONE	c e g		OPEN	OPEN	NONE	RED
91716-1545	91715-0006	NONE	d f		OPEN	OPEN	NONE	BLACK

- NOTES
- + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION
 - HOUSING NUMBER FOR MOLEX REFERENCE ONLY

SEE SHEET 1 REV 1 AW	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)			
		mm	INCH	DRAWN BY NMCNAMAR	DATE 2004/02/12							
		4 PLACES ± ---	± ---	CHECKED BY JDENNEHY	DATE 2004/02/13							
		3 PLACES ± 0.05	± ---	APPROVED BY BMAGUIRE	DATE 2004/02/16							
DRAWN BY NMCNAMAR		DATE 2004/02/12		CHECKED BY JDENNEHY		DATE 2004/02/13		APPROVED BY BMAGUIRE				
DATE 2004/02/12		DATE 2004/02/13		DATE 2004/02/16		DATE 2004/02/16		DATE 2004/02/16				
MATERIAL NO.		ANGULAR ± 1/2°		SEE CHARTS		DOCUMENT NO.		SHEET NO.				
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		SD-91716-001		4 OF 8				

6 CIRCUIT (cont'd)								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-1546	91715-0006	NONE	a d		OPEN	OPEN	NONE	NONE
91716-1547	91715-0006	NONE	b e f		OPEN	OPEN	NONE	NONE
91716-1548	91715-0006	NONE	c d e		OPEN	OPEN	NONE	NONE
91716-1549	91715-0406	NONE	NONE		OPEN	OPEN	BETWEEN CKT 4&5	NONE
91716-1550	91715-0006	NONE	b d f		OPEN	OPEN	NONE	NONE
91716-1551	91715-0006	NONE	a c e g		OPEN	OPEN	NONE	NONE
91716-1552	91715-0006	NONE	a b d f		OPEN	OPEN	NONE	NONE
91716-1553	91715-0006	CCT 2, 5	c d		OPEN	OPEN	NONE	BLACK
91716-1554	91715-0006	CCT 2, 4	b		OPEN	OPEN	NONE	RED
91716-1555	91715-0006	NONE	c f		OPEN	OPEN	NONE	NONE
91716-1556	91715-0006	NONE	b d e g		OPEN	OPEN	NONE	NONE
91716-1557	91715-0006	CCT 2&4	b g		OPEN	OPEN	NONE	RED
91716-1558	91715-0006	NONE	d f		OPEN	OPEN	NONE	NONE
91716-1559	91715-0006	CCT 1	NONE		OPEN	OPEN	NONE	NONE
91716-1560	91715-0006	NONE	a c e f g		OPEN	OPEN	NONE	NONE
91716-1561	91715-0006	NONE	a d g		OPEN	OPEN	NONE	NONE
91716-1562	91715-0006	NONE	a c d e f g		OPEN	OPEN	NONE	NONE
91716-1563	91715-0006	CCT 5	a c d e f g		OPEN	OPEN	NONE	NONE
91716-1564	91715-0006	CCT 6	a c d e f g		OPEN	OPEN	NONE	NONE

6 CIRCUIT (cont'd)								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-1565	91715-0006	CCT 5	NONE		OPEN	OPEN	NONE	NONE
91716-1566	93473-0006	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-1567	93473-0006	NONE	d f		OPEN	OPEN	NONE	NONE
91716-1568	93473-0006	CCT 1	NONE		OPEN	OPEN	NONE	NONE
91716-1569	93473-0006	NONE	a c d e f g		OPEN	OPEN	NONE	NONE
91716-1570	93473-0006	CCT 5	a c d e f g		OPEN	OPEN	NONE	NONE
91716-1571	93473-0006	CCT 5	NONE		OPEN	OPEN	NONE	NONE
91716-1572	93473-0006	NONE	d		OPEN	OPEN	NONE	PURPLE

- NOTES
1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
I DENOTES POLARIZING RIB POSITION
2. HOUSING NUMBER FOR MOLEX REFERENCE ONLY

SEE SHEET 1
REV NO: P02014-0613
DRAWN BY: DRW:MCNAMAR
CHKD: AW
2013/09/30

DESCRIPTION
APPR:STGR IFF IN
2013/11/26

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± 0.05 ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.2 ± ---
0 PLACE ± ±
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.
SIZE
A1

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)
DOCUMENT NO.
SD-91716-001
SHEET NO.
5 OF 8

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

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	7 CIRCUIT																				M
	MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST		POLARIZING RIB	COLOUR STRIPE												
	91716-2001	91715-0007	NONE	NONE		OPEN	OPEN	NONE	NONE												
L	91716-2002	91715-0207	NONE	ALL		OPEN	OPEN	BETWEEN CKT 2&3	NONE												L
	91716-2004	91715-0007	NONE	a		OPEN	OPEN	NONE	NONE												
K	91716-2005	91715-0007	CKT 2	h		OPEN	OPEN	NONE	NONE												K
	91716-2006	91715-0007	CKT 4	a		OPEN	OPEN	NONE	NONE												
J	91716-2007	91715-0007	CKT 2	NONE		OPEN	OPEN	NONE	NONE												J
	91716-2008	91715-0007	CKT 6	NONE		OPEN	OPEN	NONE	NONE												
I	91716-2009	91715-0007	CKT 2	b c e g		OPEN	OPEN	NONE	BLUE												I
	91716-2010	91715-0007	CKT 4, 6	b d f		OPEN	OPEN	NONE	RED												
H	91716-2011	91715-0007	CKT 4, 6	b d f		OPEN	OPEN	NONE	BLUE												H
	91716-2012	91715-0007	CKT 2	NONE		OPEN	OPEN	NONE	BLUE												
G	91716-2013	91715-0007	CKT 2	b d e f h		OPEN	OPEN	NONE	BLUE												G
	91716-2014	91715-0007	CKT 4, 6	NONE		OPEN	OPEN	NONE	BLUE												
F	91716-2015	91715-0007	CKT 4, 6	c d e f h		OPEN	OPEN	NONE	BLUE												F
	91716-2016	91715-0007	CKT 6	c d e f h		OPEN	OPEN	NONE	BLUE												
E	91716-2017	91715-0007	CKT 6	c d e f		OPEN	OPEN	NONE	BLUE												E
	91716-2018	91715-0007	CKT 6	NONE		OPEN	OPEN	NONE	BLUE												
D	91716-2019	91715-0007	CKT 2	NONE		OPEN	OPEN	NONE	BLACK												D
	91716-2020	91715-0007	NONE	a c e f h		OPEN	OPEN	NONE	NONE												
C	91716-2021	91715-0007	NONE	a		OPEN	OPEN	NONE	BLACK												C
	91716-2022	91715-0007	NONE	b c d f		OPEN	OPEN	NONE	NONE												
B	91716-2023	91715-0007	NONE	a d		OPEN	OPEN	NONE	NONE												B
	91716-2024	91715-0007	NONE	a b e f		OPEN	OPEN	NONE	NONE												
A	91716-2025	91715-0507	NONE	NONE		OPEN	OPEN	BETWEEN CKT 5&6	NONE												A
	91716-2026	91715-0007	NONE	ALL		OPEN	OPEN	NONE	NONE												
	10_Frame_A1_P_AM.T Rev E1 2012/01/25																				

	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
M	8 CIRCUIT																				M
	MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST		POLARIZING RIB	COLOUR STRIPE												
	91716-2501	91715-0008	NONE	NONE		OPEN	OPEN	NONE	NONE												
L	91716-2502	91715-0308	NONE	NONE		OPEN	OPEN	BETWEEN CKT 3&4	NONE												L
	91716-2503	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	NONE												
K	91716-2504	91715-0008	NONE	b c d h i		OPEN	OPEN	NONE	NONE												K
	91716-2505	91715-0008	NONE	b c g h		OPEN	OPEN	NONE	BLUE												
J	91716-2506	91715-0008	NONE	c f		OPEN	OPEN	NONE	NONE												J
	91716-2507	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	BLUE												
I	91716-2508	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLUE												I
	91716-2509	91715-0008	NONE	a c d e g i		OPEN	OPEN	NONE	BLUE												
H	91716-2510	91715-0008	NONE	c d e f		OPEN	OPEN	NONE	BLUE												H
	91716-2511	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLACK												
G	91716-2512	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	BLACK												G
	91716-2513	91715-0008	NONE	c d g h		OPEN	OPEN	NONE	NONE												
F	91716-2514	91715-0008	NONE	a c d e f g h i		OPEN	OPEN	NONE	BLUE												F
	91716-2515	91715-0008	NONE	a b d f h i		OPEN	OPEN	NONE	NONE												
E	91716-2516	91715-0008	NONE	b c d h i		OPEN	OPEN	NONE	BLUE												E
	91716-2517	91715-2008	NONE	NONE		OPEN	OPEN	BETWEEN CKT 1&2 + CKT 7&8	NONE												
D	91716-2518	91715-0008	NONE	b c d f h i		OPEN	OPEN	NONE	NONE												D
	91716-2519	91715-0008	NONE	a c e f h i		OPEN	OPEN	NONE	NONE												
C	91716-2520	91715-0008	NONE	ALL		OPEN	OPEN	NONE	NONE												C
B	SEE SHEET 1 EC NO: IP62074-0613 DRAWN: MONAHAN 2013/09/20 CHKD: APPR: STIGRIF IN 2013/11/26 REV																				B
A	AW																				A

NOTES		
1. + DENOTES TERMINAL VOIDED POSITION		
⊕ DENOTES TERMINAL LOADED POSITION		
! DENOTES POLARIZING RIB POSITION		
2. HOUSING NUMBER FOR MOLEX REFERENCE ONLY		

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
▽=0	mm INCH		DRAWN BY NMCNAR		DATE 2004/02/12		APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)
▽=0	4 PLACES ± --- ± ---		CHECKED BY JDNNEHY		DATE 2004/02/13		
	3 PLACES ± 0.05 ± ---		APPROVED BY		DATE		
	2 PLACES ± 0.10 ± ---		BMAGUIRE		2004/02/16		
	1 PLACE ± 0.2 ± ---						
	0 PLACE ± ±						
ANGULAR ±1/2°			WATERL. NO.		DOCUMENT NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHARTS		SD-91716-001		SHEET NO. 6 OF 8
			SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

- NOTES
- + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION
 - HOUSING NUMBER FOR MOLEX REFERENCE ONLY

8 CIRCUIT																					M
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST		POLARIZING RIB	COLOUR STRIPE													L
91716-2501	91715-0008	NONE	NONE		OPEN	OPEN	NONE	NONE													K
91716-2502	91715-0308	NONE	NONE		OPEN	OPEN	BETWEEN CKT 3&4	NONE													J
91716-2503	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	NONE													I
91716-2504	91715-0008	NONE	b c d h i		OPEN	OPEN	NONE	NONE													H
91716-2505	91715-0008	NONE	b c g h		OPEN	OPEN	NONE	BLUE													G
91716-2506	91715-0008	NONE	c f		OPEN	OPEN	NONE	NONE													F
91716-2507	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	BLUE													E
91716-2508	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLUE													D
91716-2509	91715-0008	NONE	a c d e g i		OPEN	OPEN	NONE	BLUE													C
91716-2510	91715-0008	NONE	c d e f		OPEN	OPEN	NONE	BLUE													B
91716-2511	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLACK													A
91716-2512	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	BLACK													
91716-2513	91715-0008	NONE	c d g h		OPEN	OPEN	NONE	NONE													
91716-2514	91715-0008	NONE	a c d e f g h i		OPEN	OPEN	NONE	BLUE													
91716-2515	91715-0008	NONE	a b d f h i		OPEN	OPEN	NONE	NONE													
91716-2516	91715-0008	NONE	b c d h i		OPEN	OPEN	NONE	BLUE													
91716-2517	91715-2008	NONE	NONE		OPEN	OPEN	BETWEEN CKT 1&2 + CKT 7&8	NONE													
91716-2518	91715-0008	NONE	b c d f h i		OPEN	OPEN	NONE	NONE													
91716-2519	91715-0008	NONE	a c e f h i		OPEN	OPEN	NONE	NONE													
91716-2520	91715-0008	NONE	ALL		OPEN	OPEN	NONE	NONE													

SEE SHEET 1 SEC NO: IP2024-0613 DRAWN BY: DRW/KONHMAN CHKD: AW REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± ± ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY
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8 CIRCUIT (cont'd)								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-2521	91715-0008	CKT 7, 8	a b d f h i		OPEN	OPEN	NONE	NONE
91716-2522	91715-0008	NONE	b c d f h i		OPEN	OPEN	NONE	BLUE

9 CIRCUIT								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-3001	91715-0009	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-3002	91715-0409	NONE	NONE		OPEN	OPEN	BETWEEN CKT 4&5	NONE
91716-3003	91715-0009	CKT 2, 5, 8	NONE		OPEN	OPEN	NONE	NONE
91716-3004	91715-0209	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE
91716-3005	91715-0009	CKT 2, 5, 8	b c e g i j		OPEN	OPEN	NONE	GREEN
91716-3006	91715-0009	CKT 2, 5, 8	NONE		OPEN	OPEN	NONE	GREEN
91716-3007	91715-0009	CKT 2, 5, 8	b c e f g i j		OPEN	OPEN	NONE	GREEN
91716-3008	91715-0009	CKT 2, 5, 8	b c e f g i		OPEN	OPEN	NONE	GREEN
91716-3009	91715-0009	CKT 2, 5, 7	c g		OPEN	OPEN	NONE	NONE
91716-3010	91715-0009	CKT 2, 5, 8	b c h i		OPEN	OPEN	NONE	NONE
91716-3011	91715-0709	NONE	NONE		OPEN	OPEN	BETWEEN CKT 7&8	NONE
91716-3012	91715-0509	NONE	NONE		OPEN	OPEN	BETWEEN CKT 5&6	NONE
91716-3013	91715-0029	NONE	NONE		CLOSED	CLOSED	NONE	NONE

- NOTES
1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
I DENOTES POLARIZING RIB POSITION
2. HOUSING NUMBER FOR MOLEX REFERENCE ONLY

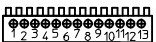
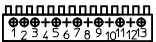
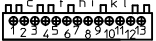
10 CIRCUIT								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-3501	91715-0010	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-3502	91715-0210	NONE	ALL		OPEN	OPEN	BETWEEN CKT 2&3	NONE
91716-3503	91715-0010	CKT 2, 5, 7, 9	NONE		OPEN	OPEN	NONE	NONE
91716-3504	91715-0410	NONE	NONE		OPEN	OPEN	BETWEEN CKT 4&5	NONE

11 CIRCUIT								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-4001	91715-0011	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-4002	91715-0031	NONE	NONE		CLOSED	CLOSED	NONE	NONE
91716-4003	91715-0511	NONE	NONE		OPEN	OPEN	5 & 6	NONE

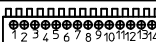
12 CIRCUIT								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-4501	91715-0012	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-4502	91715-0012	CKT 2, 5, 8, 11	b c d e j k l		OPEN	OPEN	NONE	GREEN
91716-4503	91715-0012	CKT 2, 5, 8, 11	NONE		OPEN	OPEN	NONE	GREEN
91716-4504	91715-0012	CKT 2, 5, 8, 11	a c d e g h i k l m		OPEN	OPEN	NONE	GREEN
91716-4505	91715-0012	CKT 2, 5, 8, 11	c d e g h i k l m		OPEN	OPEN	NONE	GREEN

SEE SHEET 1 EC NO: 102042-0013 LW DRW: MCDONNAN CHKD: APPR: STGRIFE IN AW	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)		
		mm	INCH	DRAWN BY NMCNAR	DATE 2004/02/12	DOCUMENT NO. SD-91716-001					
		4 PLACES ± --- ± ---	3 PLACES ± 0.05 ± ---	CHECKED BY J DENNEHY	DATE 2004/02/13						
		2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	APPROVED BY BMAGUIRE	DATE 2004/02/16						
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS		SHEET NO. 7 OF 8		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

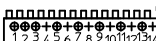
13 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-5001	91715-0013	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-5002	91715-0013	CKT 4, 6, 8, 10, 12	NONE		OPEN	OPEN	NONE	NONE
91716-5003	91715-0013	NONE	c f h i k l		OPEN	OPEN	NONE	NONE

14 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-5501	91715-0014	NONE	NONE		OPEN	OPEN	NONE	NONE

15 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-6001	91715-0015	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-6002	91715-0015	CKT 4, 6, 8, 10, 12, 14	a p		OPEN	OPEN	NONE	NONE
91716-6003	91715-0515	NONE	a p		OPEN	OPEN	BETWEEN 5 & 6	NONE

16 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-6501	91715-0016	NONE	NONE		OPEN	OPEN	NONE	NONE

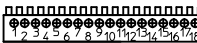
17 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-7001	91715-0017	NONE	NONE		OPEN	OPEN	NONE	NONE

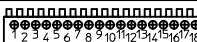
18 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-7501	91715-0018	NONE	NONE		OPEN	OPEN	NONE	NONE

19 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-8001	91715-0019	NONE	NONE		OPEN	OPEN	NONE	NONE

20 CIRCUIT

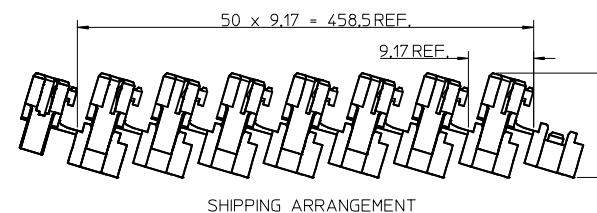
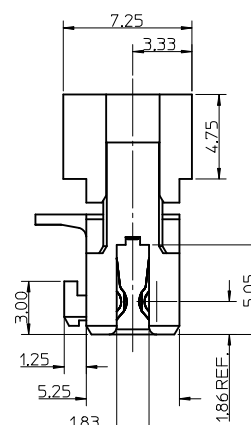
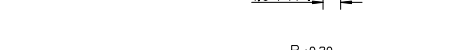
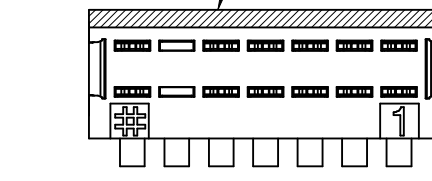
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-8501	91715-0020	NONE	NONE		OPEN	OPEN	NONE	NONE

- NOTES:
- + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION
 - HOUSING NUMBER FOR MOLEX REFERENCE ONLY

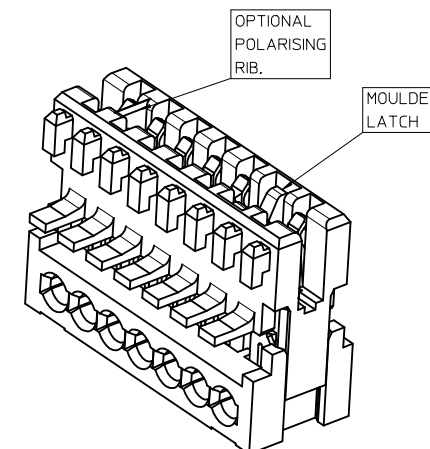
SEE SHEET 1 SEC NO: IP2012-0613 DRAWN BY: MNCNAMAR CHKD: AW 2013/09/30	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE MNCNAMAR 2004/02/12 CHECKED BY DATE JDENNEHY 2004/02/13 APPROVED BY DATE BMAGUIRE 2004/02/16 MATERIAL NO. SEE CHARTS SIZE 1	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) molex DOCUMENT NO. SD-91716-001 SHEET NO. 8 OF 8

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

13	12	11	10	9	8	7	6	5	4	3	2	1
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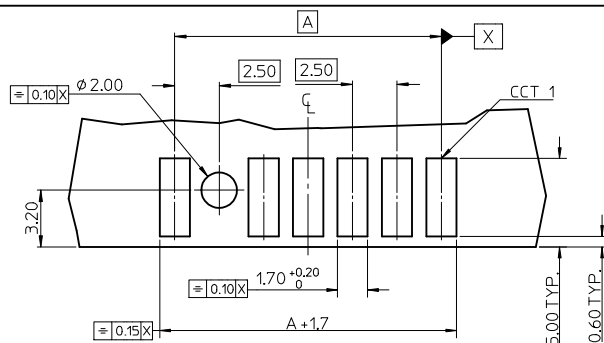


CCT	*A*	*B*
3	5.0	9.875
4	7.5	12.375
5	10.0	14.875
6	12.5	17.375
7	15.0	19.875
8	17.5	22.375
9	20.0	24.875
10	22.5	27.375
11	25.0	29.875
12	27.5	32.375
13	30.0	34.875
14	32.5	37.375
15	35.0	39.875



OPEN END WALL OPTION
(LATCH SHOWN IN CCT 6)

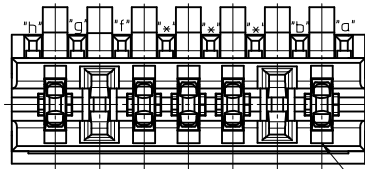
- NOTES:
1. REFER TO PRODUCT SPECIFICATION: PS-99020-0040.
 2. MATERIAL: HOUSING - POLYAMIDE 6 (PA6)
UL94-V2. COLOUR NATURAL.
TERMINAL: PHOSPHOR BRONZE 0.30 REF. THICK - PLATING
HOT TIN DIP.
 3. COLOUR STRIPE IS OPTIONAL. AVAILABLE IN THE FOLLOWING
COLOURS: RED, GREEN, BLUE.
(BLACK SIGNIFIES CUSTOMER SPECIFIC CONFIGURATION).
 4. REFER TO PACKAGING SPEC (PK-90871-001)
 5. REFER TO APPLICATION SPEC (AS-99033-0008)
 6. FOR CIRCUIT SIZES LARGER THAN 16CCT - CONTACT ENG. DEPT.



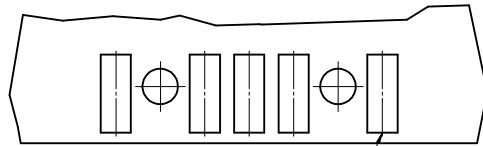
- PCB LAYOUT FOR 7CCT CONNECTOR
(LAYOUT SHOWN FOR PART WITHOUT POLARIZING RIB
AND WITH OPEN END WALLS)
- RECOMMENDED PCB THICKNESS 1.5±0.14

Add P/N EC NO: IFG2014-0731 DRAWN LRL/CE 2013/10/22 CHKD: APPR: STG/LFF/IN 2013/11/18	DESCRIPTION =0 =0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		5:1	METRIC		
			mm	INCH	DRAWN BY	DATE	TITLE			
					SMCGREEVY	2011/12/15				
					CHECKED BY	DATE				
4 PLACES ± --- ± ---				APPLI-MATE 2.5 FEMALE G.W.T. 750 VERSION INTERNAL LATCH						
3 PLACES ± 0.05 ± ---										
2 PLACES ± 0.1 ± ---										
1 PLACE ± 0.2 ± ---				APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
				EFOLAN	2012/03/01					
		ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				SHEETS 3 & 4		SD-93385-001		1 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						

7CCT OPTION WITH OPEN ENDWALLS, 2 LATCHES AND 0 POLARIZING RIBS

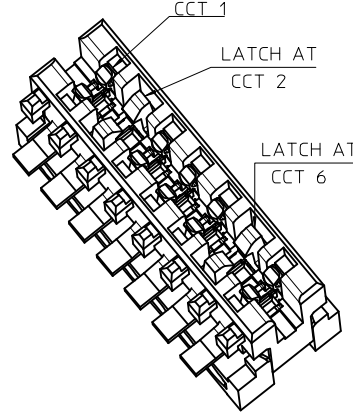


CCT 1



CCT 1

RECOMMENDED PCB DIMENSIONS
CAN BE FOUND ON SHEET 1

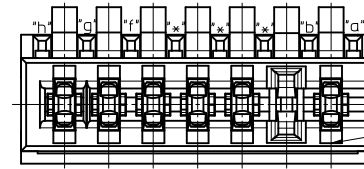


CCT 1

LATCH AT
CCT 2

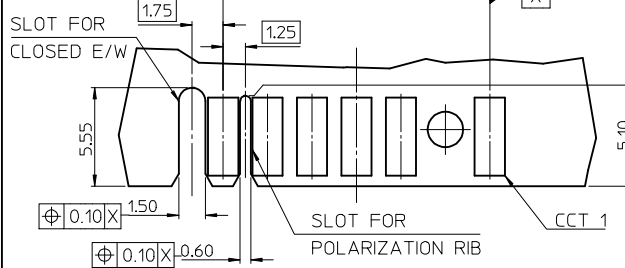
LATCH AT
CCT 6

7CCT OPTION WITH OPTION C ENDWALLS, 1 LATCH AND 1 POLARIZING RIB
(OPTION C: FIRST ENDWALL OPEN, LAST END WALL CLOSED)



CCT 1

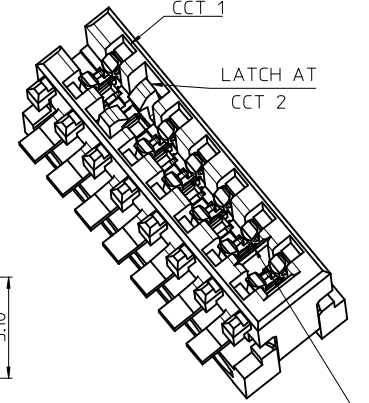
LATCH AT
CCT 2



SLOT FOR
POLARIZATION RIB

CCT 1

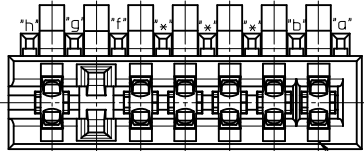
POLARIZATION RIB
BETWEEN CCT 6 & CCT 7



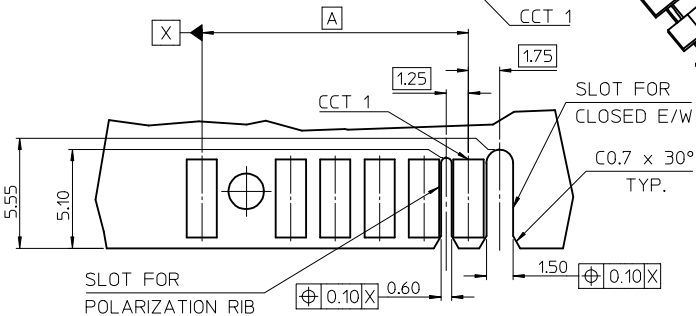
CCT 1

LATCH AT
CCT 2

7CCT OPTION WITH OPTION D ENDWALLS, 1 LATCH AND 1 POLARIZING RIB
(OPTION D: FIRST END WALL CLOSED, LAST END WALL OPEN)



CCT 1

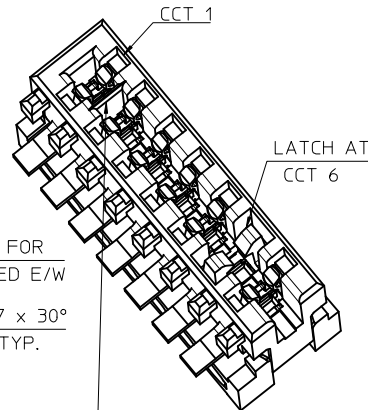


SLOT FOR
POLARIZATION RIB

0.10 X 0.60

SLOT FOR
CLOSED E/W

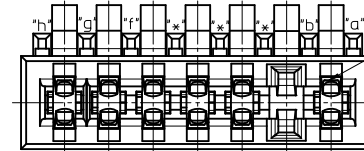
POLARIZATION RIB
BETWEEN CCT 1 & CCT 2



CCT 1

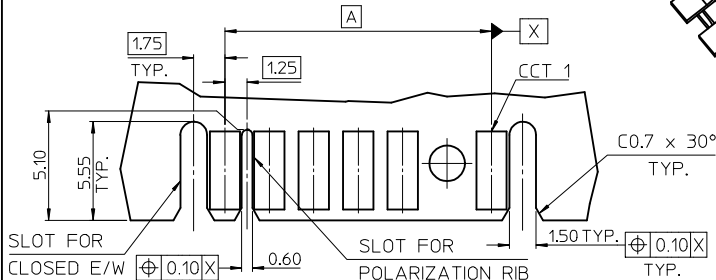
LATCH AT
CCT 6

7CCT OPTION WITH OPTION E ENDWALLS, 1 LATCH AND 1 POLARIZING RIB
(OPTION E: FIRST ENDWALL CLOSED, LAST END WALL CLOSED)



CCT 1

LATCH AT
CCT 2

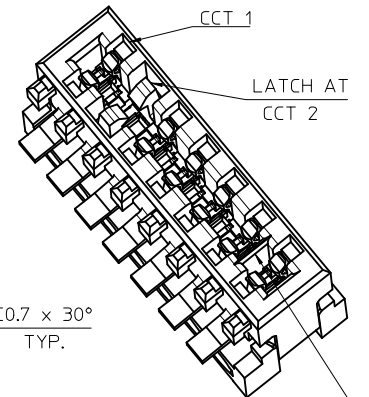


SLOT FOR
CLOSED E/W

SLOT FOR
POLARIZATION RIB

0.10 X 0.60

POLARIZATION RIB
BETWEEN CCT 6 & CCT 7



CCT 1

LATCH AT
CCT 2

NOTES:

1. FOR ALL UNSPECIFIED PCB DIMENSIONS SEE SHEET 1
2. VIEWS FOR REPRESENTATION PURPOSES ONLY - OTHER OPTIONS AVAILABLE, SEE CHARTS ON SHEETS 3 & 4 OR, CONTACT YOUR SALES ENGINEER
3. MOULDED LATCHES AVAILABLE IN SECOND CCT, SECOND LAST CCT OR, SECOND & SECOND LAST CCTS AS STANDARD. NON STANDARD OPTIONS AVAILABLE ON REQUEST
4. INTERNAL POLARIZING RIBS AVAILABLE BETWEEN ANY 2 CIRCUITS BUT ARE NOT AVAILABLE BETWEEN LATCH CIRCUIT AND CIRCUITS EITHER SIDE OF LATCH CIRCUIT

SEE SHEET 1
EC NO: IPG2014-0731
DRAWN BY: SMCGRUEVY
CHKD: EFOLAN
APPR: STGRFFIN
2013/10/22
2013/11/18

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
DESCRIPTION	▽=0 ▽=0	mm	INCH	DRAWN BY	DATE	TITLE APPLI-MATE 2.5 FEMALE G.W.T. 750 VERSION INTERNAL LATCH			
		4 PLACES ± ---	± ---	SMCGREEVY	2011/12/15				
		3 PLACES ± 0.05	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED			
		2 PLACES ± 0.10	± ---	APPROVED BY	DATE				
		1 PLACE ± 0.2	± ---	EFOLAN	2012/03/01	DOCUMENT NO. SD-93385-001			
		ANGULAR ± 1/2°		MATERIAL NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEETS 3 & 4					
REVIEW	SIZE A/2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

3 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-0001	93049-2003	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-0002	93049-2043	CKT 2	C		CCT 1&3	NONE	OPEN	CLOSED	NONE

4 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-0501	93049-2004	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-0502	93049-4004	CKT 3	NONE		CCT 2&4	NONE	OPEN	OPEN	NONE

5 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-1001	93049-2005	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-1002	93049-4005	CKT 4	NONE		CCT 3&5	NONE	OPEN	OPEN	NONE
93385-1003	93049-6005	CKT 2, 4	NONE		CCT 1&3 & CCT 3&5	NONE	OPEN	OPEN	NONE
93385-1004	93049-8165	CKT 3	a b c d e f		CCT 2&4	NONE	CLOSED	OPEN	NONE

6 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-1501	93049-2006	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-1502	93049-4006	CKT 5	NONE		CCT 4&6	NONE	OPEN	OPEN	NONE
93385-1503	93049-6006	CKT 2, 5	NONE		CCT 1&3 & CCT 4&6	NONE	OPEN	OPEN	NONE

7 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-2001	93049-2007	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-2002	93049-4007	CKT 6	NONE		CCT 5&7	NONE	OPEN	OPEN	NONE
93385-2003	93049-6007	CKT 2, 6	NONE		CCT 1&3 & CCT 5&7	NONE	OPEN	OPEN	NONE

8 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-2501	93049-2008	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-2502	93049-4008	CKT 7	NONE		CCT 6&8	NONE	OPEN	OPEN	NONE
93385-2503	93049-6008	CKT 2, 7	NONE		CCT 1&3 & CCT 6&8	NONE	OPEN	OPEN	NONE

9 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-3001	93049-2009	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-3002	93049-4009	CKT 8	NONE		CCT 7&9	NONE	OPEN	OPEN	NONE
93385-3003	93049-6009	CKT 2, 8	NONE		CCT 1&3 & CCT 7&9	NONE	OPEN	OPEN	NONE

10 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-3501	93049-2010	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-3502	93049-4010	CKT 9	NONE		CCT 8&10	NONE	OPEN	OPEN	NONE
93385-3503	93049-6010	CKT 2, 9	NONE		CCT 1&3 & CCT 8&10	NONE	OPEN	OPEN	NONE

11 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-4001	93049-2011	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-4002	93049-4011	CKT 10	NONE		CCT 9&11	NONE	OPEN	OPEN	NONE
93385-4003	93049-6011	CKT 2, 10	NONE		CCT 1&3 & CCT 9&11	NONE	OPEN	OPEN	NONE

1b_frame_A1_P_AM.T
Rev. E 2006/04/15

19181716151413121110987654321

NOTES

1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
| DENOTES POLARIZING RIB POSITION
■ DENOTES LATCH POSITION

2. PRESENCE OF LATCH IN ANY CIRCUIT
AUTOMATICALLY DENOTES A TERMINAL
VOID POSITION

3. MOLEX HOUSING NO. FOR REFERENCE ONLY

SEE SHEET 1
EC NO: IP0204-0731
DRAWN BY: C
CHKD:
APPR: STGRIFFEIN
REV DESCRIPTION

2013/10/22
2013/11/18

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± 0.05 ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.2 ± ---
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
SMCGREEVY 2011/12/15
CHECKED BY DATE
APPROVED BY DATE
EFOLAN 2012/03/01
MATERIAL NO.
SIZE A1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
1:1
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
TITLE
APPLI-MATE 2.5 FEMALE
G.W.T. 750 VERSION
INTERNAL LATCH
MOLEX MOLEX INCORPORATED
DOCUMENT NO.
SD-93385-001
SHEET NO.
3 OF 4

12 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-4501	93049-2012	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-4502	93049-4012	CKT 11	NONE		CCT 10&12	NONE	OPEN	OPEN	NONE
93385-4503	93049-6012	CKT 2, 11	NONE		CCT 1&3 & CCT 10&12	NONE	OPEN	OPEN	NONE

13 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-5001	93049-2013	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-5002	93049-4013	CKT 12	NONE		CCT 11&13	NONE	OPEN	OPEN	NONE
93385-5003	93049-6013	CKT 2, 12	NONE		CCT 1&3 & CCT 11&13	NONE	OPEN	OPEN	NONE

14 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-5501	93049-2014	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-5502	93049-4014	CKT 13	NONE		CCT 12&14	NONE	OPEN	OPEN	NONE
93385-5503	93049-6014	CKT 2, 13	NONE		CCT 1&3 & CCT 12&14	NONE	OPEN	OPEN	NONE

15 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-6001	93049-2015	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-6002	93049-4015	CKT 14	NONE		CCT 13&15	NONE	OPEN	OPEN	NONE
93385-6003	93049-6015	CKT 2, 14	NONE		CCT 1&3 & CCT 13&15	NONE	OPEN	OPEN	NONE

16 CIRCUIT									
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTE 1)	LATCH BETWEEN	POLARIZING RIB	ENDWALLS		COLOUR STRIPE
							FIRST ENDWALL	LAST ENDWALL	
93385-6501	93049-2016	CKT 2	NONE		CCT 1&3	NONE	OPEN	OPEN	NONE
93385-6502	93049-4016	CKT 15	NONE		CCT 14&16	NONE	OPEN	OPEN	NONE
93385-6503	93049-6016	CKT 2, 15	NONE		CCT 1&3 & CCT 14&16	NONE	OPEN	OPEN	NONE

- NOTES
- + DENOTES TERMINAL VOIDED POSITION
 - DENOTES TERMINAL LOADED POSITION
 - | DENOTES POLARIZING RIB POSITION
 - DENOTES LATCH POSITION
 - PRESENCE OF LATCH IN ANY CIRCUIT AUTOMATICALLY DENOTES A TERMINAL VOID POSITION
 - MOLEX HOUSING NO. FOR REFERENCE ONLY

SEE SHEET 1

EC NO: IPG2014-0731

DRAWN BY: CHKD: APPR:STR:IFE:IN

2013/10/22

2013/11/18

QUALITY SYMBOLS

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± 0.05	± .---
2 PLACES	± 0.10	± .---
1 PLACE	± 0.2	± .---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

SMCGREEVY

2011/12/15

CHECKED BY

DATE

APPROVED BY

DATE

EFOLAN

2012/03/01

MATERIAL NO.

SIZE

A1

SEE CHARTS

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

SCALE

5:1

DESIGN UNITS

METRIC

FIRST ANGLE PROJECTION

TITLE

APPLI-MATE 2.5 FEMALE G.W.T. 750 VERSION INTERNAL LATCH

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.

SD-93385-001

SHEET NO.

4 OF 4