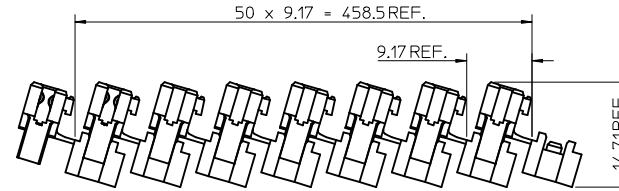
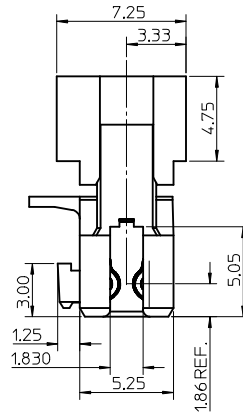
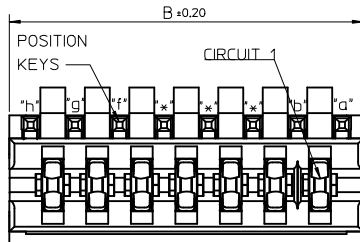
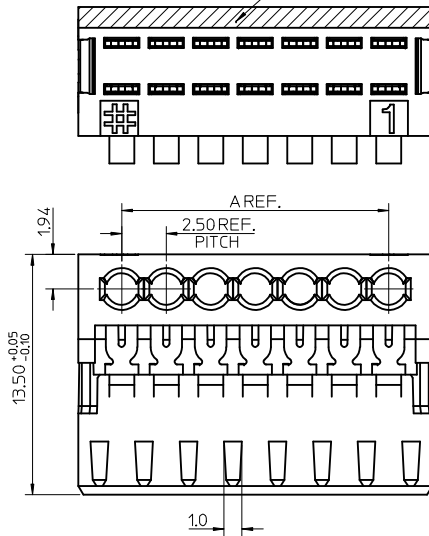


EM-91716-010

SURFACE FOR
COLOUR STRIPE
(see note 3)



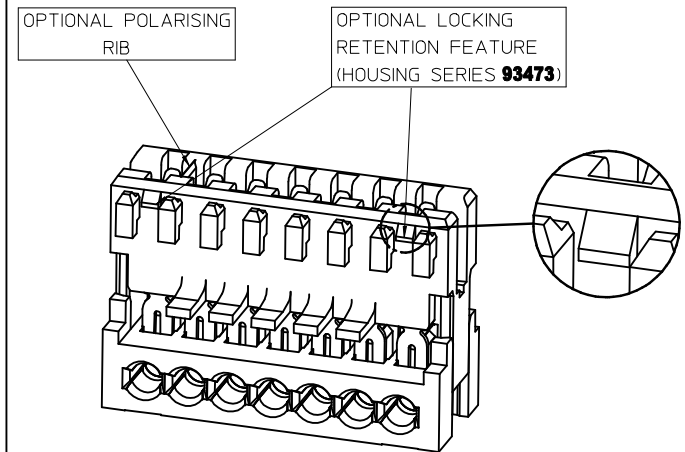
SHIPPING ARRANGEMENT

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

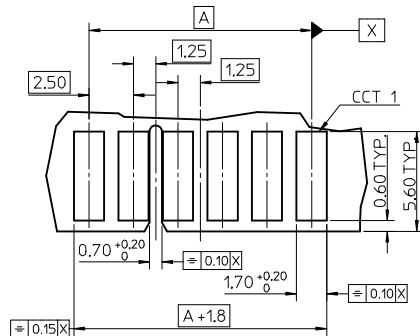
NOTES:

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



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

ADDED PART NUMBERS EC NO: IPG2014-1917 DRAWN: MONAHAN 2014/05/02 CHKD: CHIKO APPR: KSHANAHAN 2014/08/26 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 NMCNAMAR	DATE 2004/02/12	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) molex				
			4 PLACES	± ---	± ---	CHECKED BY JDENNEHY					DATE 2004/02/13
			3 PLACES	± 0.05	± ---	APPROVED BY					DATE
			2 PLACES	± 0.10	± ---	BMAGUIRE					2004/02/16
			1 PLACE	± 0.2	± ---	MATERIAL NO.					DOCUMENT NO.
			0 PLACE	±	±	ANGULAR ±1/2°		SEE SHEETS 2-8		SD-91716-001	1 OF 9
			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				

APPLI-MATE 2.5 FEMALE
(MATL: NYLON PA6)

molex

	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
	91716-0013	91715-0003	NONE	a		OPEN	OPEN	NONE	NONE
K	91716-0014	91715-0003	NONE	b		OPEN	OPEN	NONE	NONE
	91716-0015	91715-0003	NONE	c		OPEN	OPEN	NONE	NONE
J	91716-0016	91715-0003	NONE	d		OPEN	OPEN	NONE	NONE
	91716-0017	91715-0003	NONE	b d		OPEN	OPEN	NONE	NONE
I	91716-0018	91715-0003	NONE	a c		OPEN	OPEN	NONE	NONE
	91716-0019	91715-0003	NONE	a d		OPEN	OPEN	NONE	NONE
H	91716-0020	91715-0003	NONE	a b		OPEN	OPEN	NONE	NONE
	91716-0021	91715-0003	NONE	b c		OPEN	OPEN	NONE	NONE
G	91716-0022	91715-0003	NONE	c d		OPEN	OPEN	NONE	NONE
	91716-0023	91715-0003	CKT 2	b d		OPEN	OPEN	NONE	NONE
F	91716-0024	91715-0003	CKT 3	c		OPEN	OPEN	NONE	BLUE
	91716-0034	91715-0103	NONE	NONE		OPEN	OPEN	BETWEEN CKT 1&2	NONE
E	91716-0041	91715-0203	NONE	NONE		OPEN	OPEN	BETWEEN CKT 2&3	NONE
	91716-0042	91715-0003	CKT 1	NONE		OPEN	OPEN	NONE	NONE
D	91716-0043	91715-0003	CKT 1	c		OPEN	OPEN	NONE	NONE
	91716-0044	91715-0003	NONE	b d		OPEN	OPEN	NONE	BLUE
C	91716-0045	91715-0003	NONE	b		OPEN	OPEN	NONE	BLUE
	91716-0046	91715-0003	CKT 1	d		OPEN	OPEN	NONE	NONE
B	91716-0047	91715-0003	NONE	b d		OPEN	OPEN	NONE	RED
	91716-0048	91715-0003	NONE	b c d		OPEN	OPEN	NONE	NONE
A	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: PG2044-1917 DRAWN BY: DRWINCUMHAN CHKD: BC 2014/05/02	DESCRIPTION APPR: HSHANHAN 2014/08/26	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°	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A1	APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)			
		SEE CHARTS			DOCUMENT NO. SD-91716-001		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO. 2 OF 9		

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: IPG2014-1917 DRAWN BY: DRWNCOMHAN CHKD: BC APPROV: SHAMHAN 2014/05/02 2014/08/26	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 MNCAMAR	DATE 2004/02/12	TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)				
		4 PLACES ±.---	±.---	CHECKED BY JDENNEY	DATE 2004/02/13					
		3 PLACES ±0.05	±.---	APPROVED BY BMAGUIRE	DATE 2004/02/16					
		2 PLACES ±0.10	±.---					SHEET NO. 3 OF 9		
		1 PLACE ±0.2	±.---							
		0 PLACE ±	±							
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SD-91716-001		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS						
				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.	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 BC	2014/05/02 2014/08/26	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
			DRAWN BY NMCNAR		DATE 2004/02/12								
			CHECKED BY JDENNEHY		DATE 2004/02/13								
			APPROVED BY BMAGUIRE		DATE 2004/02/16								
MATERIAL NO.			SEE CHARTS			DOCUMENT NO.		SHEET NO.					
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			SD-91716-001		4 OF 9					

APPLI-MATE 2.5 FEMALE
(MATL: NYLON PA6)

molex

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
91716-1573	91715-0006	CCT 2, 5	c e g		OPEN	OPEN	NONE	RED

- 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: P02014-1917
DRAWN BY: DRW:KMCNANAN
CHKD: CHKD:
BC

2014/05/02
2014/08/26
APPR: KSHAMAHAN

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
NMCNANAR 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 9

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		POLARIZING RIB	COLOUR STRIPE												
						FIRST	LAST														
L	91716-2001	91715-0007	NONE	NONE		OPEN	OPEN	NONE	NONE												
	91716-2002	91715-0207	NONE	ALL		OPEN	OPEN	BETWEEN CKT 2&3	NONE												
K	91716-2004	91715-0007	NONE	a		OPEN	OPEN	NONE	NONE												
	91716-2005	91715-0007	CKT 2	h		OPEN	OPEN	NONE	NONE												
J	91716-2006	91715-0007	CKT 4	a		OPEN	OPEN	NONE	NONE												
	91716-2007	91715-0007	CKT 2			OPEN	OPEN	NONE	NONE												
I	91716-2008	91715-0007	CKT 6			OPEN	OPEN	NONE	NONE												
	91716-2009	91715-0007	CKT 2	b c e g		OPEN	OPEN	NONE	BLUE												
H	91716-2010	91715-0007	CKT 4, 6	b d f		OPEN	OPEN	NONE	RED												
	91716-2011	91715-0007	CKT 4, 6	b d f		OPEN	OPEN	NONE	BLUE												
G	91716-2012	91715-0007	CKT 2			OPEN	OPEN	NONE	BLUE												
	91716-2013	91715-0007	CKT 2	b d e f h		OPEN	OPEN	NONE	BLUE												
F	91716-2014	91715-0007	CKT 4, 6			OPEN	OPEN	NONE	BLUE												
	91716-2015	91715-0007	CKT 4, 6	c d e f h		OPEN	OPEN	NONE	BLUE												
E	91716-2016	91715-0007	CKT 6	c d e f h		OPEN	OPEN	NONE	BLUE												
	91716-2017	91715-0007	CKT 6	c d e f		OPEN	OPEN	NONE	BLUE												
D	91716-2018	91715-0007	CKT 6			OPEN	OPEN	NONE	BLUE												
	91716-2019	91715-0007	CKT 2			OPEN	OPEN	NONE	BLACK												
C	91716-2020	91715-0007	NONE	a c e f h		OPEN	OPEN	NONE	NONE												
	91716-2021	91715-0007	NONE	a		OPEN	OPEN	NONE	BLACK												
B	91716-2022	91715-0007	NONE	b c d f		OPEN	OPEN	NONE	NONE												
	91716-2023	91715-0007	NONE	a d		OPEN	OPEN	NONE	NONE												
A	91716-2024	91715-0007	NONE	a b e f		OPEN	OPEN	NONE	NONE												
	91716-2025	91715-0507	NONE	NONE		OPEN	OPEN	BETWEEN CKT 5&6	NONE												
	91716-2026	91715-0007	NONE	ALL		OPEN	OPEN	NONE	NONE												
	91716-2027	91715-0007	CKT 6	a c d e f		OPEN	OPEN	NONE	BLUE												
	1b_frame_A1_P_AM.T	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	Rev Et 2012/01/25																				

7 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			
91716-2028	91715-0007	CCT 1,2,3,4,6	a c f		OPEN	OPEN	NONE	NONE	

- 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 SEC NO: PG2014-1917 DRAWN BY: DRWINCKOMAHAN CHKD: APPR:MSHAMAHAN 2014/05/02 2014/08/26	DESCRIPTION	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)	DOCUMENT NO. SD-91716-001	SHEET NO. 6 OF 9			
			mm INCH		DRAWN BY NMCNAMAR	DATE 2004/02/12	TITLE								
			4 PLACES	± ---	± ---	CHECKED BY JDENNEHY	DATE 2004/02/13	molex							
			3 PLACES	± 0.05	± ---	APPROVED BY BMAGUIRE							DATE 2004/02/16		
			2 PLACES	± 0.10	± ---	MATERIAL NO.									
			1 PLACE	± 0.2	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
			0 PLACE	± ---	± ---	SEE CHARTS		SIZE A1					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			ANGULAR ±1/2°		SEE CHARTS		SD-91716-001								

8 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-2501	91715-0008	NONE	NONE		OPEN	OPEN	NONE	NONE
91716-2502	91715-0308	NONE	NONE		OPEN	OPEN	BETWEEN CKT 3&4	NONE
91716-2503	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	NONE
91716-2504	91715-0008	NONE	b c d h i		OPEN	OPEN	NONE	NONE
91716-2505	91715-0008	NONE	b c g h		OPEN	OPEN	NONE	BLUE
91716-2506	91715-0008	NONE	c f		OPEN	OPEN	NONE	NONE
91716-2507	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	BLUE
91716-2508	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLUE
91716-2509	91715-0008	NONE	a c d e g i		OPEN	OPEN	NONE	BLUE
91716-2510	91715-0008	NONE	c d e f		OPEN	OPEN	NONE	BLUE
91716-2511	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLACK
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
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

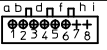
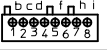
SEE SHEET 1
SEC NO: IP2014-1917
DRAWN BY: DRW:KCONAHAN
CHKD: BC
APPROV: SHAMAHAN
2014/05/02
2014/08/26

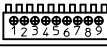
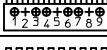
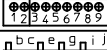
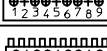
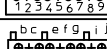
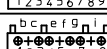
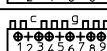
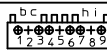
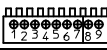
QUALITY SYMBOLS
▽=0
▽=0

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

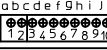
DIMENSION STYLE
MM ONLY
DRAWN BY DATE
NMCNAMAR 2004/02/12
CHECKED BY DATE
J DENNEHY 2004/02/13
APPROVED BY DATE
BMAGUIRE 2004/02/16
MATERIAL NO.
SEE CHARTS
SIZE A 1
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

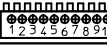
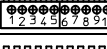
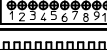
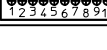
SCALE 1:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
APPLI-MATE 2.5 FEMALE
(MATL: NYLON PA6)
DOCUMENT NO.
SD-91716-001
SHEET NO.
7 OF 9

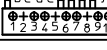
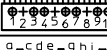
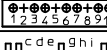
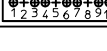
8 CIRCUIT (cont'd)								
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOUR STRIPE
					FIRST	LAST		
91716-2521	91715-0008	CKT 7, 8	a b d f h i		OPEN	OPEN	NONE	NONE
91716-2522	91715-0008	NONE	b c d f h i		OPEN	OPEN	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	BETWEEN CCKT 5&6	NONE
91716-4004	91715-1031	NONE	NONE		CLOSED	CLOSED	BETWEEN CCKT 10&11	NONE
91716-4005	91715-1011	NONE	NONE		OPEN	OPEN	BETWEEN CCKT 10&11	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: 102014-1917
DRAWN BY: DRANK KONAHAN
CHKD: BC
REV: 1

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
NMCNAR 2004/02/12
CHECKED BY DATE
J DENNEHY 2004/02/13
APPROVED BY DATE
BMAGUIRE 2004/02/16
MATERIAL NO.
SIZE
A1

SCALE
5:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION
TITLE
APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)
DOCUMENT NO.
SD-91716-001
SHEET NO.
8 OF 9

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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: IP2014-1917 DRAWN BY: DRWINCKOMAHAN CHKD: BC APPROVED BY: APPR:MSHAMAHAN 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 DRAWN BY DATE NMCNAMAR 2004/02/12 CHECKED BY DATE JDENNEHY 2004/02/13 APPROVED BY DATE BMAGUIRE 2004/02/16 MATERIAL NO. SEE CHARTS	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. 9 OF 9

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