

Excellent Integrated System Limited

Stocking Distributor

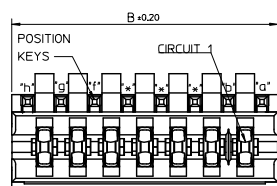
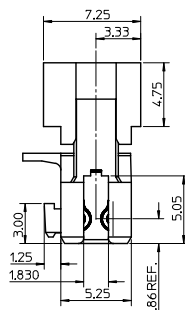
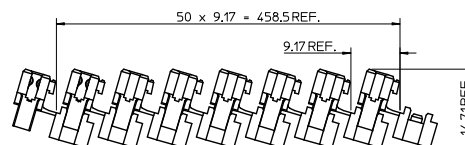
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0917163501](#)

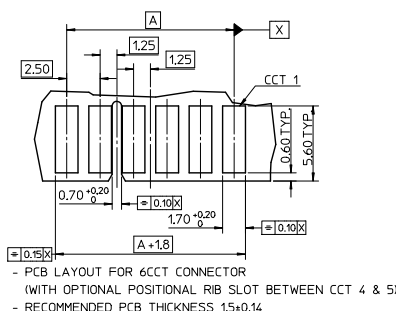
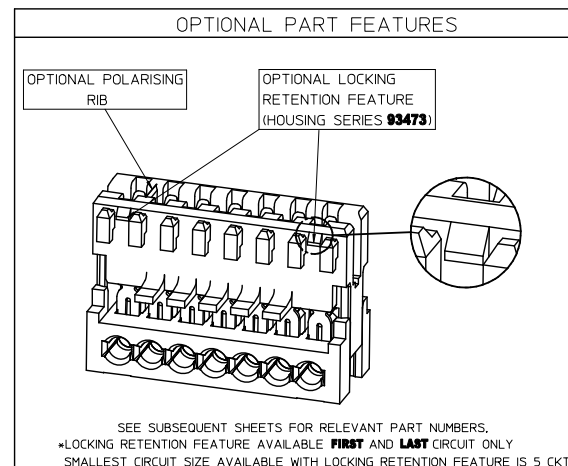
For any questions, you can email us directly:

sales@integrated-circuit.com

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



5. REFER TO APPLICATION SPEC (AS-99033-0008)



DOC. MAINTENANCE EC NO: PG2076-0943 DRAWN: JIMURRY 2016/01/05 CHKD: APPELHUBMAN 2016/01/20			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 DRAWN BY DATE NMCNAMAR 2004/02/12 CHECKED BY DATE JDENNEHY 2004/02/13 APPROVED BY DATE BMAGUIRE 2004/02/16 MATERIAL NO.		SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION		TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) molex		SHEET NO. 1 OF 10	
DRAFT WHERE APPLICABLE MUST BE WITHIN DIMENSIONS					SEE SHEETS 2-10					DOCUMENT NO. SD-9176-001				
SIZE A2					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																			
H	3 CIRCUIT																			H																		
	MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST		POLARIZING RIB	COLOUR STRIPE																													
L	91716-0001	91715-0003	NONE	NONE		OPEN	OPEN	NONE	NONE											L																		
	91716-0002	91715-0003	NONE	a d		OPEN	OPEN	NONE	RED																													
K	91716-0013	91715-0003	NONE	a		OPEN	OPEN	NONE	NONE											K																		
	91716-0014	91715-0003	NONE	b		OPEN	OPEN	NONE	NONE																													
J	91716-0015	91715-0003	NONE	c		OPEN	OPEN	NONE	NONE											J																		
	91716-0016	91715-0003	NONE	d		OPEN	OPEN	NONE	NONE																													
I	91716-0017	91715-0003	NONE	b d		OPEN	OPEN	NONE	NONE											I																		
	91716-0018	91715-0003	NONE	a c		OPEN	OPEN	NONE	NONE																													
H	91716-0019	91715-0003	NONE	a d		OPEN	OPEN	NONE	NONE											H																		
	91716-0020	91715-0003	NONE	a b		OPEN	OPEN	NONE	NONE																													
G	91716-0021	91715-0003	NONE	b c		OPEN	OPEN	NONE	NONE											G																		
	91716-0022	91715-0003	NONE	c d		OPEN	OPEN	NONE	NONE																													
F	91716-0023	91715-0003	CKT 2	b d		OPEN	OPEN	NONE	NONE											F																		
	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											E																		
	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											D																		
	91716-0043	91715-0003	CKT 1	c		OPEN	OPEN	NONE	NONE																													
C	91716-0044	91715-0003	NONE	b d		OPEN	OPEN	NONE	BLUE											C																		
	91716-0045	91715-0003	NONE	b		OPEN	OPEN	NONE	BLUE																													
B	91716-0046	91715-0003	CKT 1	d		OPEN	OPEN	NONE	NONE											B																		
	91716-0047	91715-0003	NONE	b d		OPEN	OPEN	NONE	RED																													
A	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																																						
1. + DENOTES TERMINAL VOIDED POSITION + DENOTES TERMINAL LOADED POSITION ! DENOTES POLARIZING RIB POSITION																																						
2. HOUSING NUMBER FOR MOLEX REFERENCE ONLY																																						
3 CIRCUIT (cont'd)																																						
<table><tr><td>MOLEX PART NO.</td><td>MOLEX HOUSING NO.</td><td>TERMINAL VOID POSITION</td><td>REMOVED POSITION KEYS</td><td>CONFIGURATION (SEE NOTES)</td><td>END WALLS FIRST LAST</td><td>POLARIZING RIB</td><td>COLOUR STRIPE</td></tr><tr><td>91716-0051</td><td>91715-0003</td><td>NONE</td><td>d</td><td></td><td>OPEN</td><td>OPEN</td><td>NONE</td><td>BLACK</td></tr></table>																					MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST	POLARIZING RIB	COLOUR STRIPE	91716-0051	91715-0003	NONE	d		OPEN	OPEN	NONE	BLACK	
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST	POLARIZING RIB	COLOUR STRIPE																															
91716-0051	91715-0003	NONE	d		OPEN	OPEN	NONE	BLACK																														
SEE SHEET 1 P/N: 0917163501-0963 DRAWN: MURPHY 2016/01/05 CHKD: APPRSHANHAN 2016/01/20 REV: BG QUALITY SYMBOLS ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES ±</td><td>±---</td><td>±---</td></tr><tr><td>3 PLACES ±0.05</td><td>±---</td><td>±---</td></tr><tr><td>2 PLACES ±0.10</td><td>±---</td><td>±---</td></tr><tr><td>1 PLACE ±0.2</td><td>±---</td><td>±---</td></tr><tr><td>0 PLACE ±</td><td>±</td><td>±</td></tr></table>ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE WCMANAR 2004/02/12 CHECKED BY DATE JDENNEHY 2004/02/13 APPROVED BY DATE BMAGUIRE 2004/02/16 MATERIAL NO. SEE CHARTS SIZE A 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. 2 OF 10 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						mm	INCH	4 PLACES ±	±---	±---	3 PLACES ±0.05	±---	±---	2 PLACES ±0.10	±---	±---	1 PLACE ±0.2	±---	±---	0 PLACE ±	±	±
	mm	INCH																																				
4 PLACES ±	±---	±---																																				
3 PLACES ±0.05	±---	±---																																				
2 PLACES ±0.10	±---	±---																																				
1 PLACE ±0.2	±---	±---																																				
0 PLACE ±	±	±																																				
	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																			

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 283	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 344	RED
91716-0544	91715-0204	NONE	NONE		OPEN	OPEN	BETWEEN CKT 283	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

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

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 182	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
91716-0557	91715-0104	NONE	a b d e		OPEN	OPEN	BETWEEN CKT 182	NONE
91716-0558	91715-0004	NONE	a c		OPEN	OPEN	NONE	NONE
91716-0559	91715-0004	NONE	b e		OPEN	OPEN	NONE	NONE

SEE SHEET 1 DEC. NO. 102004-0963 DRAWN BY: MURPHY CHECKED BY: APPROVED BY: 2016/01/20 BG	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	 	mm INCH 4 PLACES ± 0.05 3 PLACES ± 0.10 2 PLACES ± 0.2 1 PLACE ± 0.5	DRAWN BY: WENHAR CHECKED BY: JDENNEY APPROVED BY: BMAGUIRE DATE: 2004/02/12 DATE: 2004/02/13 DATE: 2004/02/16	5:1	METRIC	TITLE: APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)
	ANGULAR ± 1/2° 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	MATERIAL NO. DOCUMENT NO. SD-91716-001 SHEET NO. 3 OF 10			

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
6 CIRCUIT																			
MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RB	COLOUR STRIPE											
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 RB	COLOUR STRIPE											
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

1. + DENOTES TERMINAL VOIDED POSITION
● DENOTES TERMINAL LOADED POSITION
! DENOTES POLARIZING RIB POSITION

2. HOUSING NUMBER FOR MOLEX REFERENCE ONLY

QUALITY SYMBOLS

SEE SHEET 1
ECN NO. 162016-0963
DRAWN: JIMMY
CHECKED: APPENDIX 1
DESIGNED: 2016/01/20

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.10	± 0.004
3 PLACES	± 0.05	± 0.002
2 PLACES	± 0.10	± 0.004
1 PLACE	± 0.2	± 0.008
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY
DRAWN BY: DATE: 2004/02/12
CHECKED BY: JENNEHY DATE: 2004/02/13
APPROVED BY: DATE: 2004/02/16
MATERIAL NO. DOCUMENT NO. SD-91716-001
SHEET NO. 5 OF 10

SCALE 1:1 DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)

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

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

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

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

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

LOCKING RETENTION FEATURE

SEE SHEET 1 ELEC. NO. 162016-0943 DRAWING IMPROV. 2016/01/05 CHKD: CHEN APPR: SHAMMAN 2016/01/20 DESIGNED BY: BG	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± 0.25 mm INCH 3 PLACES ± 0.05 mm INCH 2 PLACES ± 0.10 mm INCH 1 PLACE ± 0.2 mm INCH 0 PLACE ± 0.2 mm INCH	DIMENSION STYLE MM ONLY DRAWN BY: NIKENYAR CHECKED BY: JENNEHY APPROVED BY: SMAGUIRE DATE: 2004/02/12 DATE: 2004/02/13 DATE: 2004/02/16	SCALE: 1:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6) molex DOCUMENT NO. SD-91716-001 SHEET NO. 6 OF 10
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS ANGULAR ± 1/2° SEE CHARTS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

7 CIRCUIT

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST	POLARIZING RIB	COLOR STRIPE
91716-2001	91715-0007	NONE	NONE		OPEN OPEN	NONE	NONE
91716-2002	91715-0207	NONE	ALL		OPEN OPEN	BETWEEN CKT 2&3	NONE
91716-2004	91715-0007	NONE	a		OPEN OPEN	NONE	NONE
91716-2005	91715-0007	CKT 2	h		OPEN OPEN	NONE	NONE
91716-2006	91715-0007	CKT 4	a		OPEN OPEN	NONE	NONE
91716-2007	91715-0007	CKT 2	NONE		OPEN OPEN	NONE	NONE
91716-2008	91715-0007	CKT 6	NONE		OPEN OPEN	NONE	NONE
91716-2009	91715-0007	CKT 2	b c e g		OPEN OPEN	NONE	BLUE
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
91716-2012	91715-0007	CKT 2	NONE		OPEN OPEN	NONE	BLUE
91716-2013	91715-0007	CKT 2	b d e f h		OPEN OPEN	NONE	BLUE
91716-2014	91715-0007	CKT 4, 6	NONE		OPEN OPEN	NONE	BLUE
91716-2015	91715-0007	CKT 4, 6	c d e f h		OPEN OPEN	NONE	BLUE
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
91716-2018	91715-0007	CKT 6	NONE		OPEN OPEN	NONE	BLUE
91716-2019	91715-0007	CKT 2	NONE		OPEN OPEN	NONE	BLACK
91716-2020	91715-0007	NONE	a c e f h		OPEN OPEN	NONE	NONE
91716-2021	91715-0007	NONE	a		OPEN OPEN	NONE	BLACK
91716-2022	91715-0007	NONE	b c d f		OPEN OPEN	NONE	NONE
91716-2023	91715-0007	NONE	a d		OPEN OPEN	NONE	NONE
91716-2024	91715-0007	NONE	a b e f		OPEN OPEN	NONE	NONE
91716-2025	91715-0507	NONE	NONE		OPEN OPEN	BETWEEN CKT 6&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

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

7 CIRCUIT (cont'd)

MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS FIRST LAST	POLARIZING RIB	COLOR STRIPE
91716-2028	91715-0007	CKT 1,2,3,4,6	a c f		OPEN OPEN	NONE	NONE
91716-2029	91715-0007	CKT 4	a		OPEN OPEN	NONE	RED
91716-2030	93473-0307	NONE	ALL		OPEN OPEN	BETWEEN CKT 3&4	NONE
91716-2031	91715-0307	NONE	ALL		OPEN OPEN	BETWEEN CKT 3&4	NONE
91716-2032	93473-0007	NONE	NONE		OPEN OPEN	NONE	NONE
91716-2033	91715-0627	NONE	NONE		CLOSED CLOSED	BETWEEN CKT 6&7	NONE

SEE SHEET 1 EC NO. 162016-0963 CURRANT MURPHY CHYD APPROVED 2016/01/05 2016/01/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±.05</td> <td>±.002</td> </tr> <tr> <td>3 PLACES</td> <td>±.05</td> <td>±.002</td> </tr> <tr> <td>2 PLACES</td> <td>±.10</td> <td>±.004</td> </tr> <tr> <td>1 PLACE</td> <td>±.2</td> <td>±.008</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table>		mm	INCH	4 PLACES	±.05	±.002	3 PLACES	±.05	±.002	2 PLACES	±.10	±.004	1 PLACE	±.2	±.008	0 PLACE	±	±	DIMENSION STYLE MM ONLY DRAWN BY: NIKAMAR DATE: 2004/02/12 CHECKED BY: JDENNEY DATE: 2004/02/13 APPROVED BY: BMAGUIRE DATE: 2004/02/16	SCALE: 1:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)
		mm	INCH																				
	4 PLACES	±.05	±.002																				
	3 PLACES	±.05	±.002																				
2 PLACES	±.10	±.004																					
1 PLACE	±.2	±.008																					
0 PLACE	±	±																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHARTS	MATERIAL NO. 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. 7 OF 10																					

	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
M	8 CIRCUIT																		
	MOLEX PART NO.	MOLEX HOUSING NO.	TERMINAL VOID POSITION	REMOVED POSITION KEYS	CONFIGURATION (SEE NOTES)	END WALLS		POLARIZING RIB	COLOR STRIPES										
						FIRST	LAST												
L	91716-2501	91715-0008	NONE	NONE		OPEN	OPEN	NONE	NONE										
	91716-2502	91715-0308	NONE	NONE		OPEN	OPEN	BETWEEN CRT 344	NONE										
K	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										
J	91716-2506	91715-0008	NONE	c f		OPEN	OPEN	NONE	NONE										
	91716-2507	91715-0008	NONE	c f h i		OPEN	OPEN	NONE	BLUE										
I	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										
H	91716-2510	91715-0008	NONE	c d e f		OPEN	OPEN	NONE	BLUE										
	91716-2511	91715-0008	NONE	NONE		OPEN	OPEN	NONE	BLACK										
G	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										
F	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										
E	91716-2516	91715-0008	NONE	b c d h i		OPEN	OPEN	NONE	BLUE										
	91716-2517	91715-2008	NONE	NONE		OPEN	OPEN	BETWEEN CRT 143 + CRT 748	NONE										
D	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										
C	91716-2520	91715-0008	NONE	ALL		OPEN	OPEN	NONE	NONE										
	91716-2521	91715-0008	CRT 7, 8	a b d f h i		OPEN	OPEN	NONE	NONE										
B	91716-2522	91715-0008	NONE	b c d f h i		OPEN	OPEN	NONE	BLUE										
A																			
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. PG2016-09A3 DRAWN: J MURPHY CHKD: APPROVED: [Signature] REV 2016/01/05 2016/01/20 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 MCMNAMAR 2004/02/12 CHECKED BY DATE J DENEHY 2004/02/13 APPROVED BY DATE B MAGUIRE 2004/02/16 SHEET 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 APPLI-MATE 25 FEMALE (MATL: NYLON PA6) molex MATERIAL NO. SD-91716-001 DOCUMENT NO. SD-91716-001 SHEET NO. 8 OF 10																			
16 Frame_A1_P_AM-T 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1																			

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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	

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	

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	

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 CKT 5&6	NONE	
91716-4004	91715-1031	NONE	NONE		CLOSED	CLOSED	BETWEEN CKT 10&11	NONE	
91716-4005	91715-1011	NONE	NONE		OPEN	OPEN	BETWEEN CKT 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	

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

SEE SHEET 1 EC NO. 162016-0963 DRAWNS: MURPHY CHKD: CHAND APPROVED: MURPHY DATE: 2016/01/20 DESIGNED:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.	
		mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.05 ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± ±	DRAWN BY: WKNAMAR CHECKED BY: JDENNEY APPROVED BY: BMAGUIRE DATE: 2004/02/12 DATE: 2004/02/13 DATE: 2004/02/16	MM ONLY	5:1	METRIC		APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)	SD-91716-001	9 OF 10
	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								

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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	nnnnnnnnnnnnnnnn 00000000000000 12345678910111213	OPEN	OPEN	NONE	NONE
91716-5002	91715-0013	CKT 4, 6, 8, 10, 12	NONE	nnnnnnnnnnnnnnnn 00000000000000 12345678910111213	OPEN	OPEN	NONE	NONE
91716-5003	91715-0013	NONE	c f h i k l	nnnnnnnnnnnnnnnn 00000000000000 12345678910111213	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	nnnnnnnnnnnnnnnn 00000000000000 1234567891011121314151617	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	nnnnnnnnnnnnnnnn 00000000000000 1234567891011121314	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	nnnnnnnnnnnnnnnn 00000000000000 123456789101112131415161718	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	nnnnnnnnnnnnnnnn 00000000000000 123456789101112131415	OPEN	OPEN	NONE	NONE
91716-6002	91715-0015	CKT 4, 6, 8, 10, 12, 14	o p	nnnnnnnnnnnnnnnn 00000000000000 123456789101112131415	OPEN	OPEN	NONE	NONE
91716-6003	91715-0015	NONE	a p	nnnnnnnnnnnnnnnn 00000000000000 123456789101112131415	OPEN	OPEN	BETWEEN 8 & 6	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	nnnnnnnnnnnnnnnn 00000000000000 12345678910111213141516171819	OPEN	OPEN	NONE	NONE

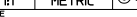
16 CIRCUIT

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	nnnnnnnnnnnnnnnn 00000000000000 12345678910111213141516	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	nnnnnnnnnnnnnnnn 00000000000000 1234567891011121314151617181920	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 NO. 10 OF 10 FOR DIMENSIONAL CONTINUED DESCRIPTION REVISION DATE BY	QUALITY SYMBOLS ▽ ▽ ▽ ▽	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		FRACTIONAL DECIMAL		SCALE 1:1		TITLE APPLI-MATE 2.5 FEMALE (MATL: NYLON PA6)	
		FRACTIONAL DECIMAL		DRAWN BY DATE			
		FRACTIONAL DECIMAL		CHECKED BY DATE			
SEE SHEET NO. 10 OF 10 FOR DIMENSIONAL CONTINUED DESCRIPTION REVISION DATE BY	QUALITY SYMBOLS ▽ ▽ ▽ ▽	FRACTIONAL DECIMAL		APPROVED BY DATE			SHEET NO. 10 OF 10
		FRACTIONAL DECIMAL		DRAWN BY DATE			
		FRACTIONAL DECIMAL		CHECKED BY DATE			
		FRACTIONAL DECIMAL		APPROVED BY DATE			
SEE SHEET NO. 10 OF 10 FOR DIMENSIONAL CONTINUED DESCRIPTION REVISION DATE BY	QUALITY SYMBOLS ▽ ▽ ▽ ▽	FRACTIONAL DECIMAL		DRAWN BY DATE			SHEET NO. 10 OF 10
		FRACTIONAL DECIMAL		CHECKED BY DATE			
		FRACTIONAL DECIMAL		APPROVED BY DATE			
		FRACTIONAL DECIMAL		DRAWN BY DATE			

molex

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SHEET NO. 10 OF 10