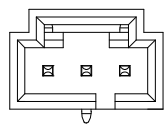
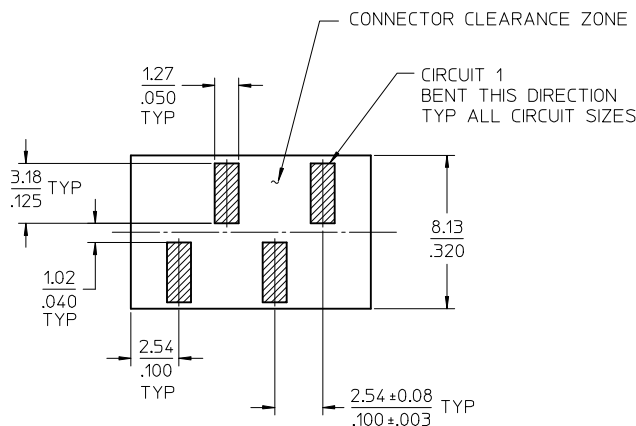
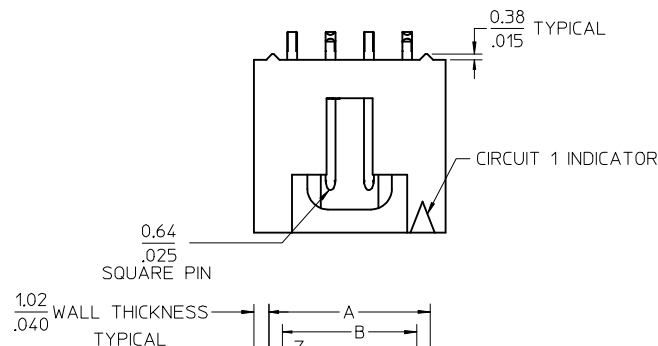


CKT SIZE	DIMENSION A		DIMENSION B		DIMENSION C	
	MM	IN	MM	IN	MM	IN
3	8.13	.320	5.08	.200	0.15	.006
4	10.67	.420	7.62	.300	0.15	.006
5	13.21	.520	10.16	.400	0.15	.006
6	15.75	.620	12.70	.500	0.15	.006
7	18.29	.720	15.24	.600	0.15	.006
8	20.83	.820	17.78	.700	0.15	.006
9	23.37	.920	20.32	.800	0.15	.006
10	25.91	1.020	22.86	.900	0.15	.006
11	28.45	1.120	25.40	1.000	0.15	.006
12	30.99	1.220	27.94	1.100	0.15	.006
22	56.39	2.220	53.34	2.099	0.18	.007



3 CIRCUIT



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: NA

NOTES:

1. MATERIAL:

HOUSING: POLYESTER (PCT), GLASS FILLED, UL94V-0; COLOR: BLACK
PINS: PHOSPHOR BRONZE

PICK & PLACE CAP: LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0,
COLOR: BLACK

2. FINISH:

- TIN - 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN PLATE
OVER NICKEL UNDERPLATE OVERALL.
- 15 GOLD - 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA,
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN SELECT AREA,
OVER NICKEL UNDERPLATE OVERALL.
- 30 GOLD - 0.76 MICROMETERS/30 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA,
1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN SELECT AREA,
OVER NICKEL UNDERPLATE OVERALL.

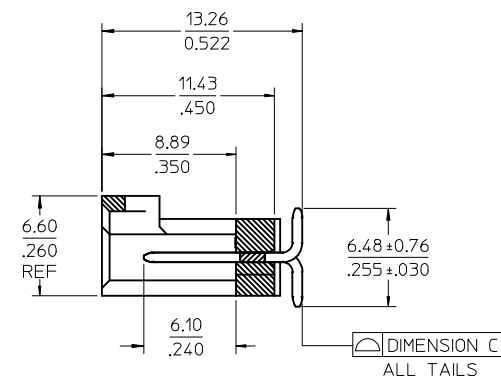
3. PRODUCT SPECIFICATION: PS-70541

4. PACKAGING SPECIFICATION: PK-70873-9000

5. MATES WITH: OPTION 'G' 70400 AND 70430 SERIES SL CONNECTORS

OPTION 'G' 70066 SL HOUSINGS WITH 70058/71851 CRIMP TERMINALS.

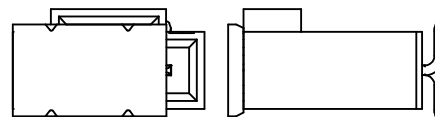
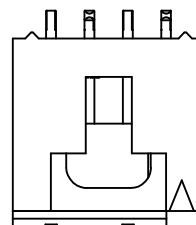
6. THIS PRODUCT CONFORMS TO COSMETIC SPECIFICATION PS-45499-002 CLASS C.



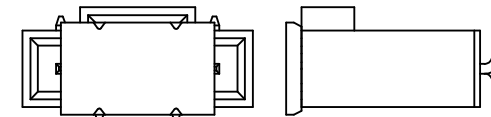
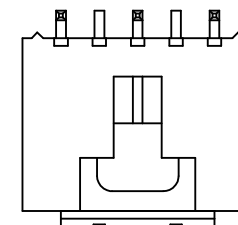
SECTION Z-Z

4 CIRCUIT SHOWN

PICK & PLACE CAP POSITION
EVEN CIRCUITS



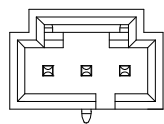
PICK & PLACE CAP POSITION
ODD CIRCUITS



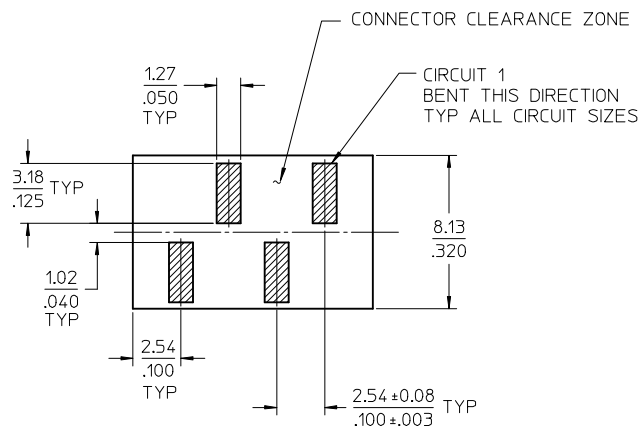
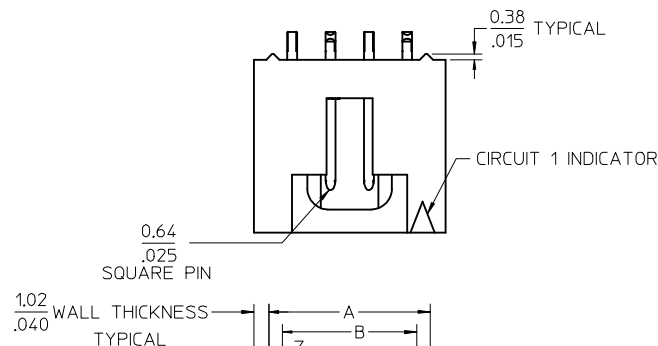
ADD KEEP OUT ZONE EC NO: UCP2017-1464 DRWN:KSM/EC 2017/01/04 CHKD: CHKD: APPR:FSM/TH 2017/01/04 E2	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
		=0 =0 =0		mm	INCH	DRAWN BY TIBARRA	DATE 2013/07/11	TITLE SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP					
			4 PLACES	± ---	± ---	CHECKED BY DMORGAN	DATE 2013/07/11	molex					
			3 PLACES	± 0.25	± .010	APPROVED BY SMILLER							DATE 2013/08/12
			2 PLACES	± ---	± ---	MATERIAL NO.							DOCUMENT NO.
			1 PLACE	± ---	± ---	SEE TABLE		SD-74099-1000		1 OF 2			
		0 PLACE	± ---	± ---									
		ANGULAR ±1/2°											
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
		REV	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																																																																												
J	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 74099-	PLATING SEE NOTE 2	MATING END PLATING	PC BOARD END PLATING									J																																																																											
				TYPE	TYPE																																																																																				
	3-12, 22	-0603 THRU-0612, -0622	TIN	TIN	TIN																																																																																				
I	3-12, 22	-0623 THRU-0632, -0642	15 GOLD	GOLD	TIN									I																																																																											
	3-12, 22	-0643 THRU-0652, -0662	30 GOLD	GOLD	TIN																																																																																				
H														H																																																																											
G	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER								G																																																																											
	3	74099-0603	74099-0623	74099-0643																																																																																					
	4	74099-0604	74099-0624	74099-0644																																																																																					
	5	74099-0605	74099-0625	74099-0645																																																																																					
F	6	74099-0606	74099-0626	74099-0646										F																																																																											
	7	74099-0607	74099-0627	74099-0647																																																																																					
	8	74099-0608	74099-0628	74099-0648																																																																																					
	9	74099-0609	74099-0629	74099-0649																																																																																					
	10	74099-0610	74099-0630	74099-0650																																																																																					
	11	74099-0611	74099-0631	74099-0651																																																																																					
E	12	74099-0612	74099-0632	74099-0652										E																																																																											
	22	74099-0622	74099-0642	74099-0662																																																																																					
D														D																																																																											
C														C																																																																											
B														B																																																																											
A														A																																																																											
<table><tr><td rowspan="7">SEE SHEET 1 EC NO: UCP2017-1464 DRAWN:SMIEC 2017/01/04 CHKD: IAPPR:FSMITH 2017/01/04</td><td rowspan="7">DESCRIPTION REV</td><td>QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM/IN</td><td>SCALE 4:1</td><td>DESIGN UNITS INCH</td><td colspan="2"> THIRD ANGLE PROJECTION</td><td colspan="2" rowspan="5">SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex</td></tr><tr><td rowspan="4"> = 0 = 0 = 0</td><td></td><td> mm INCH </td><td>DRAWN BY TIBARRA</td><td>DATE 2013/07/11</td><td rowspan="4">TITLE</td></tr><tr><td>4 PLACES</td><td> ± --- </td><td> ± --- </td><td>CHECKED BY DMORGAN</td><td>DATE 2013/07/11</td></tr><tr><td>3 PLACES</td><td> ± 0.25 </td><td> ± .010 </td><td>APPROVED BY</td><td>DATE 2013/08/12</td></tr><tr><td>2 PLACES</td><td> ± --- </td><td> ± --- </td><td colspan="2"></td></tr><tr><td>1 PLACE</td><td> ± --- </td><td> ± --- </td><td colspan="2"></td></tr><tr><td>0 PLACE</td><td> ± --- </td><td> ± --- </td><td colspan="2"></td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ±1/2°</td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td colspan="2">SHEET NO.</td></tr><tr><td colspan="2"></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SEE TABLE</td><td colspan="2">SD-74099-1000</td><td colspan="2">2 OF 2</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">SIZE C</td><td colspan="6">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>														SEE SHEET 1 EC NO: UCP2017-1464 DRAWN:SMIEC 2017/01/04 CHKD: IAPPR:FSMITH 2017/01/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex		= 0 = 0 = 0		mm INCH	DRAWN BY TIBARRA	DATE 2013/07/11	TITLE	4 PLACES	± ---	± ---	CHECKED BY DMORGAN	DATE 2013/07/11	3 PLACES	± 0.25	± .010	APPROVED BY	DATE 2013/08/12	2 PLACES	± ---	± ---			1 PLACE	± ---	± ---			0 PLACE	± ---	± ---					ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-74099-1000		2 OF 2						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
SEE SHEET 1 EC NO: UCP2017-1464 DRAWN:SMIEC 2017/01/04 CHKD: IAPPR:FSMITH 2017/01/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex																																																																														
		= 0 = 0 = 0		mm INCH	DRAWN BY TIBARRA	DATE 2013/07/11	TITLE																																																																																		
			4 PLACES	± ---	± ---	CHECKED BY DMORGAN		DATE 2013/07/11																																																																																	
			3 PLACES	± 0.25	± .010	APPROVED BY		DATE 2013/08/12																																																																																	
			2 PLACES	± ---	± ---																																																																																				
		1 PLACE	± ---	± ---																																																																																					
		0 PLACE	± ---	± ---																																																																																					
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.																																																																																	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-74099-1000		2 OF 2																																																																																	
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																			
tb_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1																																																																													

CKT SIZE	DIMENSION A		DIMENSION B		DIMENSION C	
	MM	IN	MM	IN	MM	IN
3	8.13	.320	5.08	.200	0.15	.006
4	10.67	.420	7.62	.300	0.15	.006
5	13.21	.520	10.16	.400	0.15	.006
6	15.75	.620	12.70	.500	0.15	.006
7	18.29	.720	15.24	.600	0.15	.006
8	20.83	.820	17.78	.700	0.15	.006
9	23.37	.920	20.32	.800	0.15	.006
10	25.91	1.020	22.86	.900	0.15	.006
11	28.45	1.120	25.40	1.000	0.15	.006
12	30.99	1.220	27.94	1.100	0.15	.006
22	56.39	2.220	53.34	2.099	0.18	.007



3 CIRCUIT



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: NA

NOTES:

1. MATERIAL:

HOUSING: POLYESTER (PCT), GLASS FILLED, UL94V-0; COLOR: BLACK
PINS: PHOSPHOR BRONZE
PICK & PLACE CAP: LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL94V-0, COLOR: BLACK

2. FINISH:

TIN - 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN PLATE OVER NICKEL UNDERPLATE OVERALL.
15 GOLD - 0.38 MICROMETERS/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN SELECT AREA, OVER NICKEL UNDERPLATE OVERALL.
30 GOLD - 0.76 MICROMETERS/30 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETERS/75 MICROINCHES MINIMUM TIN PLATE IN SELECT AREA, OVER NICKEL UNDERPLATE OVERALL.

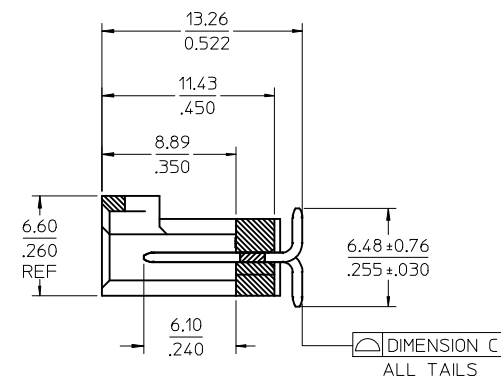
3. PRODUCT SPECIFICATION: PS-70541

4. PACKAGING SPECIFICATION: PK-70873-9000

5. MATES WITH: OPTION 'G' 70400 AND 70430 SERIES SL CONNECTORS

OPTION 'G' 70066 SL HOUSINGS WITH 70058/71851 CRIMP TERMINALS.

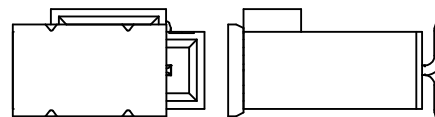
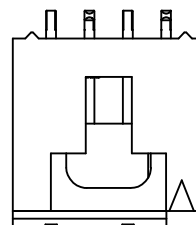
6. THIS PRODUCT CONFORMS TO COSMETIC SPECIFICATION PS-45499-002 CLASS C.



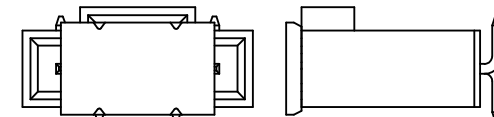
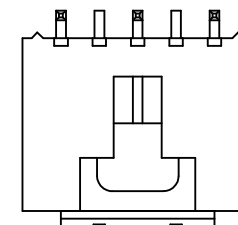
SECTION Z-Z

4 CIRCUIT SHOWN

PICK & PLACE CAP POSITION
EVEN CIRCUITS



PICK & PLACE CAP POSITION
ODD CIRCUITS



ADD KEEP OUT ZONE EC NO: UCP2017-1464 DRWN:KSM/EC CHKD: APPR:FSM/TH	DESCRIPTION 2017/01/04 2017/01/04	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □					
			4 PLACES	± ---	± ---	DRAWN BY TIBARRA	DATE 2013/07/11	TITLE SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex						
			3 PLACES	± 0.25	± .010	CHECKED BY DMORGAN	DATE 2013/07/11							
			2 PLACES	± ---	± ---	APPROVED BY SMILLER	DATE 2013/08/12							
			1 PLACE	± ---	± ---	MATERIAL NO.							DOCUMENT NO.	SHEET NO.
			0 PLACE	± ---	± ---	SEE TABLE							SD-74099-1000	1 OF 2
			E2	REV		ANGULAR ±1/2°								
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
								SIZE	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																																																														
J	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER 74099-	PLATING SEE NOTE 2	MATING END PLATING TYPE	PC BOARD END PLATING TYPE									J																																																													
	3-12, 22	-0603 THRU-0612, -0622	TIN	TIN	TIN																																																																						
I	3-12, 22	-0623 THRU-0632, -0642	15 GOLD	GOLD	TIN									I																																																													
	3-12, 22	-0643 THRU-0652, -0662	30 GOLD	GOLD	TIN																																																																						
H														H																																																													
G	CIRCUIT SIZE	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER	ASSEMBLY ITEM NUMBER								G																																																													
	3	74099-0603	74099-0623	74099-0643																																																																							
	4	74099-0604	74099-0624	74099-0644																																																																							
	5	74099-0605	74099-0625	74099-0645																																																																							
F	6	74099-0606	74099-0626	74099-0646										F																																																													
	7	74099-0607	74099-0627	74099-0647																																																																							
	8	74099-0608	74099-0628	74099-0648																																																																							
	9	74099-0609	74099-0629	74099-0649																																																																							
	10	74099-0610	74099-0630	74099-0650																																																																							
	11	74099-0611	74099-0631	74099-0651																																																																							
E	12	74099-0612	74099-0632	74099-0652										E																																																													
	22	74099-0622	74099-0642	74099-0662																																																																							
D														D																																																													
C														C																																																													
B														B																																																													
A														A																																																													
<table><tr><td rowspan="10">SEE SHEET 1 EC NO: UCP2017-1464 DRAWN:SMIEC 2017/01/04 CHKD: IAPPR:FSMITH 2017/01/04</td><td rowspan="10">DESCRIPTION REV</td><td>QUALITY SYMBOLS</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM/IN</td><td>SCALE 4:1</td><td>DESIGN UNITS INCH</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td rowspan="5"> </td><td></td><td>mm</td><td>INCH</td><td>DRAWN BY TIBARRA</td><td>DATE 2013/07/11</td><td rowspan="5">TITLE SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex</td></tr><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td><td>CHECKED BY DMORGAN</td><td>DATE 2013/07/11</td></tr><tr><td>3 PLACES</td><td>± 0.25</td><td>± .010</td><td>APPROVED BY SMILLER</td><td>DATE 2013/08/12</td></tr><tr><td>2 PLACES</td><td>± .---</td><td>± .---</td><td colspan="2">MATERIAL NO.</td></tr><tr><td>1 PLACE</td><td>± .---</td><td>± .---</td><td colspan="2">DOCUMENT NO.</td></tr><tr><td>0 PLACE</td><td>± .---</td><td>± .---</td><td colspan="2">SHEET NO.</td></tr><tr><td colspan="2">ANGULAR ±1/2°</td><td colspan="2">SEE TABLE</td><td colspan="2">SD-74099-1000</td><td colspan="2">2 OF 2</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SIZE C</td><td colspan="8">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>														SEE SHEET 1 EC NO: UCP2017-1464 DRAWN:SMIEC 2017/01/04 CHKD: IAPPR:FSMITH 2017/01/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		 		mm	INCH	DRAWN BY TIBARRA	DATE 2013/07/11	TITLE SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex	4 PLACES	± .---	± .---	CHECKED BY DMORGAN	DATE 2013/07/11	3 PLACES	± 0.25	± .010	APPROVED BY SMILLER	DATE 2013/08/12	2 PLACES	± .---	± .---	MATERIAL NO.		1 PLACE	± .---	± .---	DOCUMENT NO.		0 PLACE	± .---	± .---	SHEET NO.		ANGULAR ±1/2°		SEE TABLE		SD-74099-1000		2 OF 2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
SEE SHEET 1 EC NO: UCP2017-1464 DRAWN:SMIEC 2017/01/04 CHKD: IAPPR:FSMITH 2017/01/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																																																																		
		 		mm	INCH	DRAWN BY TIBARRA	DATE 2013/07/11	TITLE SALES ASSY, SL VERTICAL HEADER, SMT W/LATCH WITH PICK-N-PLACE CAP molex																																																																			
			4 PLACES	± .---	± .---	CHECKED BY DMORGAN	DATE 2013/07/11																																																																				
			3 PLACES	± 0.25	± .010	APPROVED BY SMILLER	DATE 2013/08/12																																																																				
			2 PLACES	± .---	± .---	MATERIAL NO.																																																																					
			1 PLACE	± .---	± .---	DOCUMENT NO.																																																																					
		0 PLACE	± .---	± .---	SHEET NO.																																																																						
		ANGULAR ±1/2°		SEE TABLE		SD-74099-1000		2 OF 2																																																																			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																						
		tb_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1																																																													