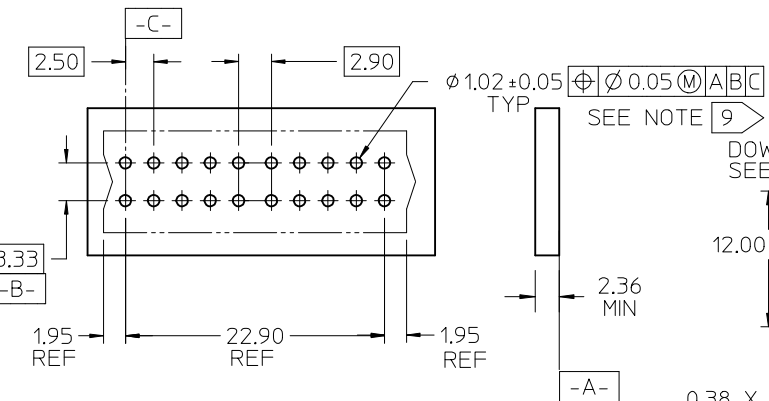
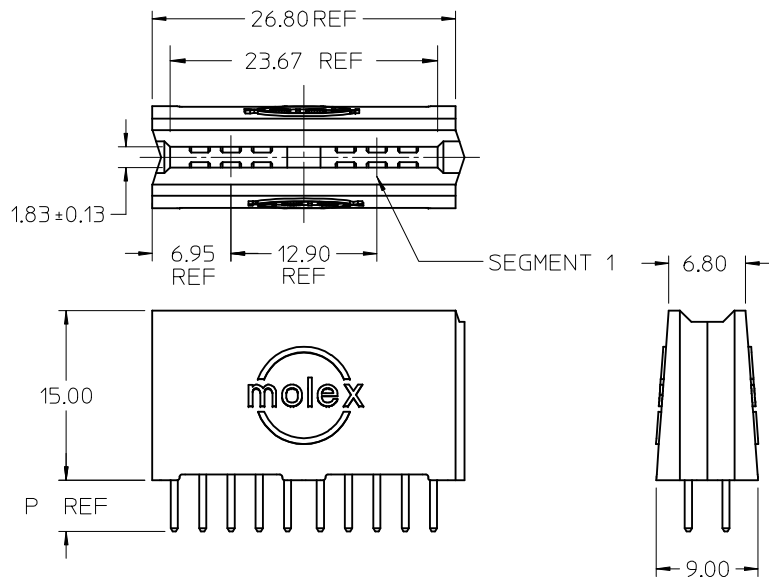
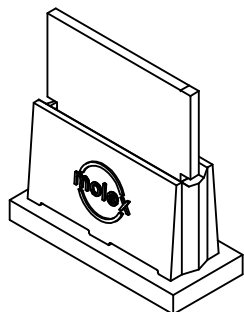


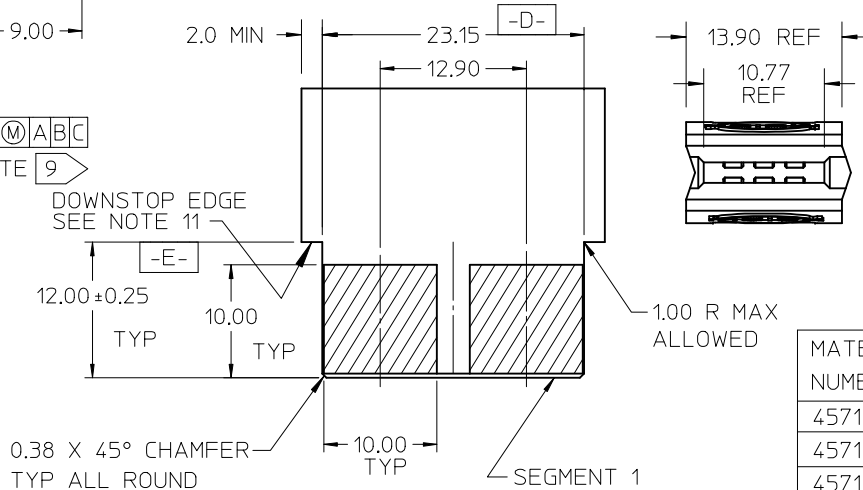


PCB LAYOUT: COMPONENT SIDE

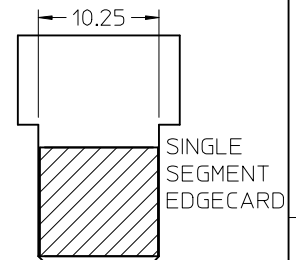


NOTES:

- HOUSING MATL: LCP, UL94V-0, COLOR BLACK
TERMINAL MATL: COPPER ALLOY
- FINISH: SELECT GOLD: 30 M.I. MIN IN CONTACT AREA
SELECT TIN: 150 M.I. MIN IN SOLDER AREA
OVERALL NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION: PS-45719-001.
- PACKAGING SPECIFICATION: ES-45714-001.
- PCB THICKNESS: SEE CHART
- EDGE CARD THICKNESS: 1.57±0.08
- DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN HALF TOTAL TOLERANCE.
- VOIDED SEGMENTS DO NOT HAVE TERMINALS IN THE TOP OR BOTTOM ROW
- PCB HOLE SPECIFICATION: SEE PS-45719-001
- POWER TERMINALS ARE LUBRICATED.
- THIS EDGE WILL TOUCH HOUSING WHEN EDGE CARD IS FULLY SEATED



SINGLE SEGMENT MODULE 45719-1000



MATERIAL NUMBER	SEG-MENTS	VOIDED SEGMENT	P	PCB THK
45719-1000	1	NONE	4.50	3.18 OR
45719-1001	1	NONE	3.63	2.36
45719-1002	1	NONE	2.92	1.57
45719-0001	2	NONE	4.50	3.18 OR
45719-0004	2	NONE	3.63	2.36
45719-0007	2	NONE	2.92	1.57

RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE ±0.05

ADD DATUMS D & E	EC NO: UCP2014-5371	DRWN: JSCHAFER	2014/08/27	CHKD: APPR: APATEL	2014/09/03	DESCRIPTION
G5						REV

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
MARGULIS	2003/11/11
CHECKED BY	DATE
MARGULIS	2003/11/11
APPROVED BY	DATE
MARGULIS	2003/11/11
SIZE	
A	

SCALE 1:1		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
TITLE					
POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL					
 MOLEX INCORPORATED					
DOCUMENT NO. SD-45719-001					SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

6

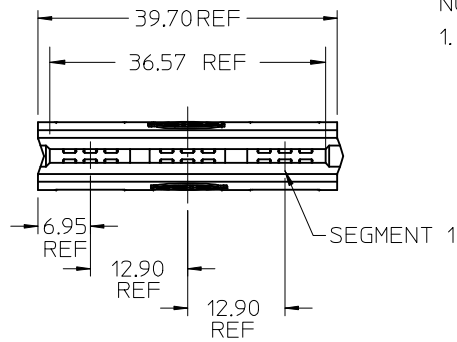
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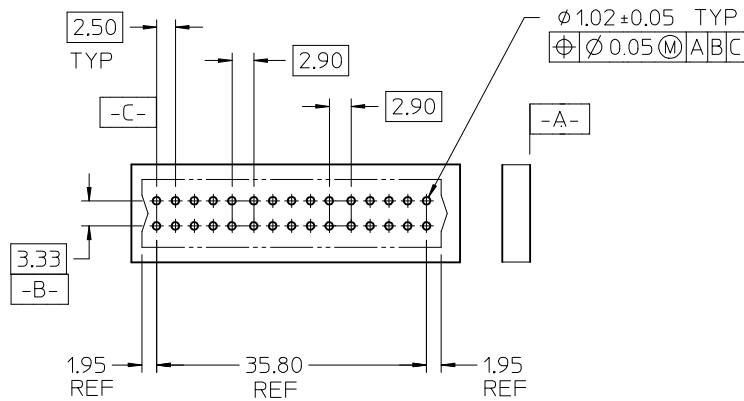
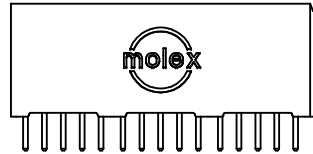
2

1

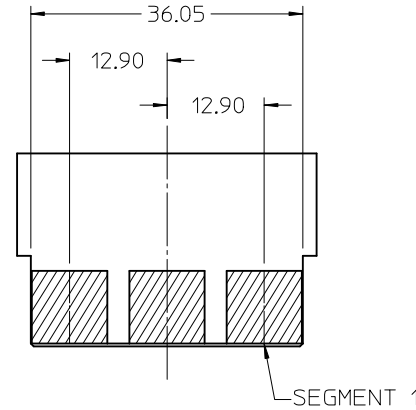


NOTES:

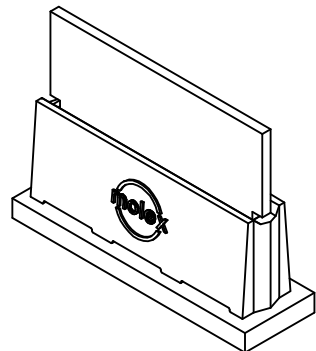
1. FOR ALL OTHER DIMENSIONS AND NOTES SEE SHEET 1.



PCB LAYOUT: COMPONENT SIDE

RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ±0.05

MATERIAL NUMBER	VOIDED SEGMENT	P	PCB THK
45719-0002	NONE	4.50	3.18
45719-3001	1		
45719-3002	2		
45719-3003	3		
45719-3004	1,2		
45719-3005	1,3		
45719-3006	2,3		
45719-0005	NONE	3.63	2.36
45719-3007	1		
45719-3008	2		
45719-3009	3		
45719-3010	1,2		
45719-3011	1,3		
45719-3012	2,3		
45719-0008	NONE	2.92	1.57
45719-3013	1		
45719-3014	2		
45719-3015	3		
45719-3016	1,2		
45719-3017	1,3		
45719-3018	2,3		



EC NO: UCP2014-5371		DRWN: JSCHAFER 2014/08/27		CHKD: 2014/09/03		APPR: APATEL		DESCRIPTION					
G5		REV											
GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY				SCALE 1:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY MARGULIS		DATE 2003/11/11		TITLE POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL			
4 PLACES		± ---		± ---		CHECKED BY MARGULIS		DATE 2003/11/11		MOLEX INCORPORATED			
3 PLACES		± ---		± ---		APPROVED BY MARGULIS		DATE 2003/11/11					
2 PLACES		± 0.25		± ---									
1 PLACE		± 0.25		± ---									
ANGULAR ±1/2°				MARGULIS				2003/11/11		molex			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								DOCUMENT NO. SD-45719-001				SHEET NO. 2	
				SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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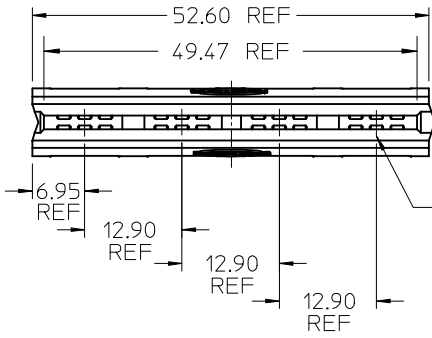
5

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3

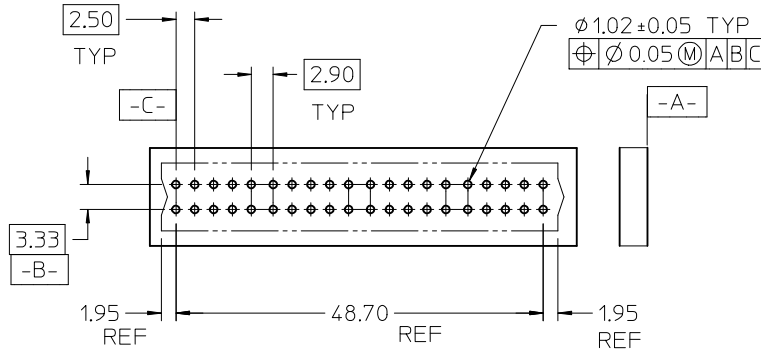
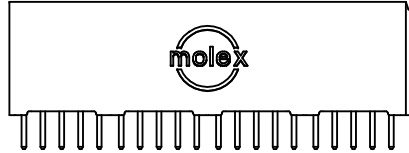
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1

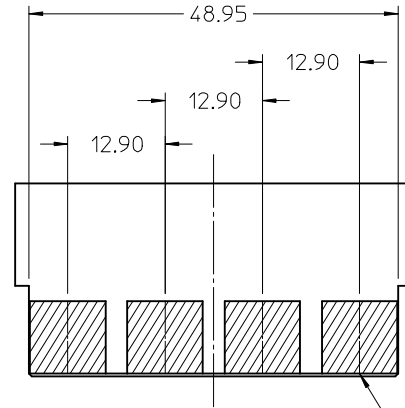


NOTES:

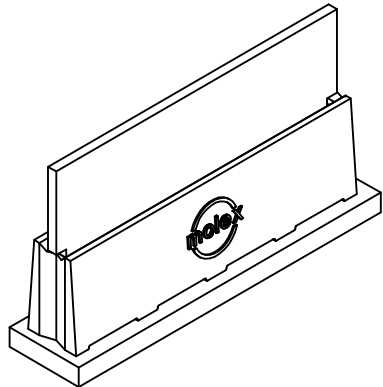
1. FOR ALL OTHER DIMENSIONS AND NOTES SEE SHEET 1.



PCB LAYOUT: COMPONENT SIDE

RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ±0.05

MATERIAL NUMBER	VOIDED SEGMENT	P	PCB THK
45719-0003	NONE	4.50	3.18
45719-4001	1		
45719-4002	2		
45719-4003	3		
45719-4004	4		
45719-4005	1, 2		
45719-4006	1, 3		
45719-4007	1, 4		
45719-4008	2, 3		
45719-4009	2, 4		
45719-4010	3, 4	3.63	2.36
45719-0006	NONE		
45719-4011	1		
45719-4012	2		
45719-4013	3		
45719-4014	4		
45719-4015	1, 2		
45719-4016	1, 3		
45719-4017	1, 4		
45719-4018	2, 3		
45719-4019	2, 4	2.92	1.57
45719-4020	3, 4		
45719-0009	NONE		
45719-4021	1		
45719-4022	2		
45719-4023	3		
45719-4024	4		
45719-4025	1, 2		
45719-4026	1, 3		
45719-4027	1, 4		
45719-4028	2, 3		
45719-4029	2, 4		
45719-4030	3, 4		



EC NO: UCP2014-5371	DRWN: JSCHAFER	2014/08/27	CHKD: APATEL	2014/09/03	DESCRIPTION
G5	REV				

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
MARGULIS	2003/11/11
CHECKED BY	DATE
MARGULIS	2003/11/11
APPROVED BY	DATE
MARGULIS	2003/11/11
SIZE	
A	

SCALE 1:1		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
TITLE					
POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL					
 MOLEX INCORPORATED					
DOCUMENT NO. SD-45719-001				SHEET NO. 3	
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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10 9 8 7 6 5 4 3 2 1

NOT TO SCALE

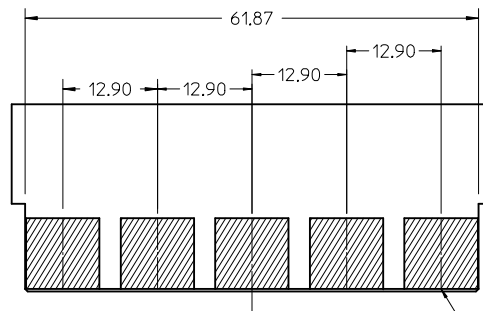
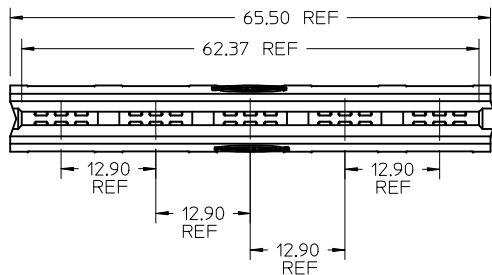
MATERIAL NUMBER	NO OF SEG'S	VOIDED SEGMENT	PCTAIL	PCB THK
45719-0010	5	NONE	4.50	3.18
45719-5001	5	1		
45719-5002	5	2		
45719-5003	5	3		
45719-5004	5	4		
45719-5005	5	5		
45719-5006	5	1, 2		
45719-5007	5	1, 3		
45719-5008	5	1, 4		
45719-5009	5	1, 5		
45719-5010	5	2, 3		
45719-5011	5	2, 4		
45719-5012	5	2, 5		
45719-5013	5	3, 4		
45719-5014	5	3, 5		
45719-5015	5	4, 5		

NOT TO SCALE

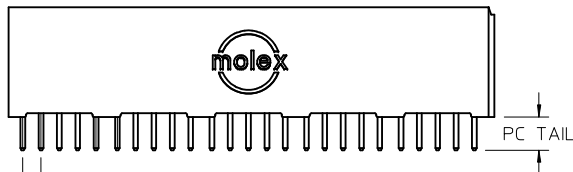
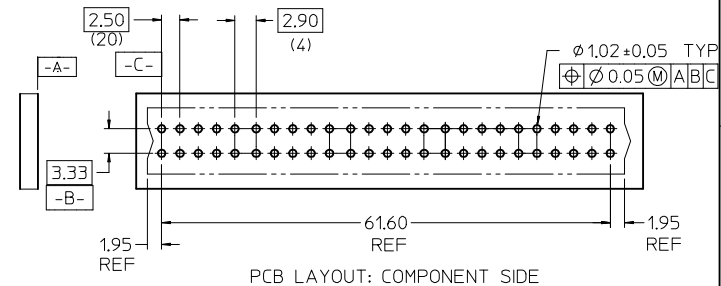
MATERIAL NUMBER	NO. OF SEG'S	VOIDED SEGMENT	PCTAIL	PCB THK
45719-0011	5	NONE	3.63	2.36
45719-5016	5	1		
45719-5017	5	2		
45719-5018	5	3		
45719-5019	5	4		
45719-5020	5	5		
45719-5021	5	1, 2		
45719-5022	5	1, 3		
45719-5023	5	1, 4		
45719-5024	5	1, 5		
45719-5025	5	2, 3		
45719-5026	5	2, 4		
45719-5027	5	2, 5		
45719-5028	5	3, 4		
45719-5029	5	3, 5		
45719-5030	5	4, 5		

NOT TO SCALE

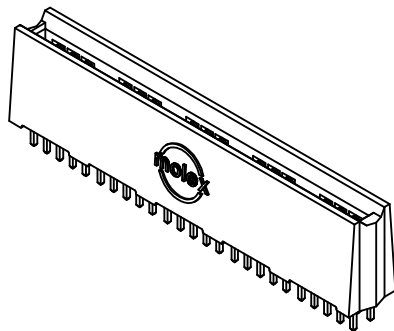
MATERIAL NUMBER	NO. OF SEG'S	VOIDED SEGMENT	PCTAIL	PCB THK
45719-0012	5	NONE	2.92	1.57
45719-5031	5	1		
45719-5032	5	2		
45719-5033	5	3		
45719-5034	5	4		
45719-5035	5	5		
45719-5036	5	1, 2		
45719-5037	5	1, 3		
45719-5038	5	1, 4		
45719-5039	5	1, 5		
45719-5040	5	2, 3		
45719-5041	5	2, 4		
45719-5042	5	2, 5		
45719-5043	5	3, 4		
45719-5044	5	3, 5		
45719-5045	5	4, 5		



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ±0.05



2.50 (20)

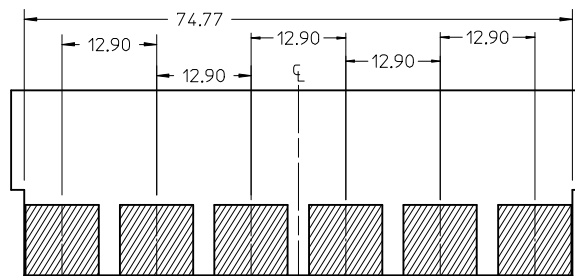
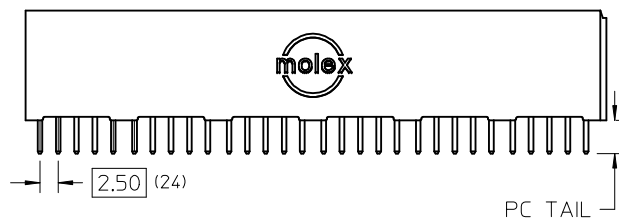
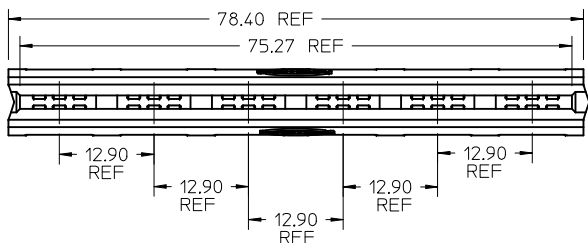


NOTE: FOR ALL OTHER NOTES & DIMENSIONS
SEE SHEET ONE

SEE SHT 1 EC NO: UCP2014-5371 DRAWN: JSCHAFER 2014/08/27 CHKD: G5 APPR: APATEL 2014/09/03	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION					
					MM ONLY		1:1	METRIC						
			F=0 F=0 F=0	mm	INCH	DRAWN BY	DATE	TITLE POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL MOLEX INCORPORATED SD-45719-001						
				4 PLACES	± ---	± ---	MARGULIS							2003/11/11
				3 PLACES	± ---	± ---	CHECKED BY							DATE
				2 PLACES	± 0.25	± ---	MARGULIS							2003/11/11
				1 PLACE	± 0.25	± ---	APPROVED BY							DATE
			ANGULAR ±1/2°		MARGULIS	2003/11/11	MOLEX							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
							SEE CHART		SD-45719-001		4 OF 5			
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

10 9 8 7 6 5 4 3 2 1

NOTE: FOR ALL OTHER NOTES & DIMENSIONS
SEE SHEET ONE.



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE ± 0.05

NOT TO O L E D

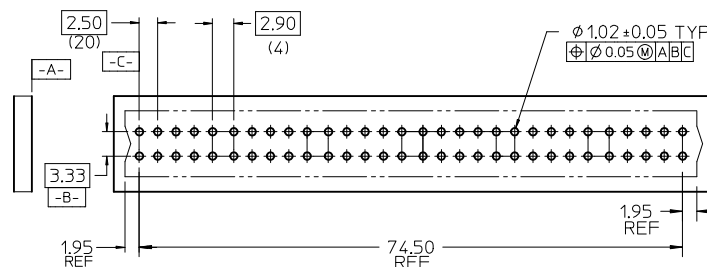
NOT TO O L E D

NO OF SEG'S	MATERIAL NUMBER	VOIDED SEGMENT	PC TAIL	PCB THK
6	45719-0013	NONE	4.50	3.18
6	45719-6001	1		
6	45719-6002	2		
6	45719-6003	3		
6	45719-6004	4		
6	45719-6005	5		
6	45719-6006	6		
6	45719-6007	1, 2		
6	45719-6008	1, 3		
6	45719-6009	1, 4		
6	45719-6010	1, 5		
6	45719-6011	1, 6		
6	45719-6012	2, 3		
6	45719-6013	2, 4		
6	45719-6014	2, 5		
6	45719-6015	2, 6		
6	45719-6016	3, 4		
6	45719-6017	3, 5		
6	45719-6018	3, 6		
6	45719-6019	4, 5		
6	45719-6020	1, 6		
6	45719-6021	2, 6		
6	45719-6022	3, 6		
6	45719-6023	4, 6		
6	45719-6024	5, 6		

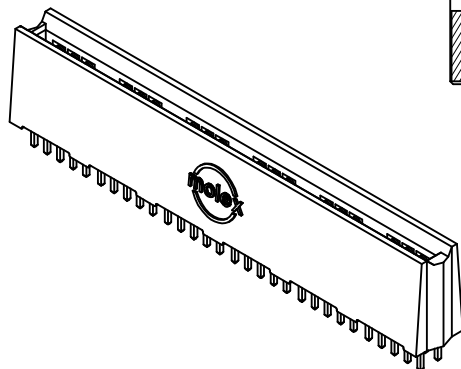
NO OF SEG'S	MATERIAL NUMBER	VOIDED SEGMENT	PC TAIL	PCB THK
6	45719-0014	NONE	3.63	2.36
6	45719-6025	1		
6	45719-6026	2		
6	45719-6027	3		
6	45719-6028	4		
6	45719-6029	5		
6	45719-6030	6		
6	45719-6031	1, 2		
6	45719-6032	1, 3		
6	45719-6033	1, 4		
6	45719-6034	1, 5		
6	45719-6035	1, 6		
6	45719-6036	2, 3		
6	45719-6037	2, 4		
6	45719-6038	2, 5		
6	45719-6039	2, 6		
6	45719-6040	3, 4		
6	45719-6041	3, 5		
6	45719-6042	3, 6		
6	45719-6043	4, 5		
6	45719-6044	1, 6		
6	45719-6045	2, 6		
6	45719-6046	3, 6		
6	45719-6047	4, 6		
6	45719-6048	5, 6		

NOT TO O L E D

NO OF SEG'S	MATERIAL NUMBER	VOIDED SEGMENT	PC TAIL	PCB THK
6	45719-0015	NONE	2.92	1.57
6	45719-6049	1		
6	45719-6050	2		
6	45719-6051	3		
6	45719-6052	4		
6	45719-6053	5		
6	45719-6054	6		
6	45719-6055	1, 2		
6	45719-6056	1, 3		
6	45719-6057	1, 4		
6	45719-6058	1, 5		
6	45719-6059	1, 6		
6	45719-6060	2, 3		
6	45719-6061	2, 4		
6	45719-6062	2, 5		
6	45719-6063	2, 6		
6	45719-6064	3, 4		
6	45719-6065	3, 5		
6	45719-6066	3, 6		
6	45719-6067	4, 5		
6	45719-6068	1, 6		
6	45719-6069	2, 6		
6	45719-6070	3, 6		
6	45719-6071	4, 6		
6	45719-6072	5, 6		



PCB LAYOUT: COMPONENT SIDE



SEE SHT 1 EC NO: UCP2014-5371 DRWN: JSCHAFER CHKD: CHKD G5	DESCRIPTION 2014/08/27 APPR: APATEL REV	QUALITY SYMBOLS ▽A=0 ▽E=0 ▽F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY MARGULIS	DATE 2003/11/11	TITLE POWER EDGE ASSEMBLY POWER VERTICAL SOLDER TAIL MOLEX MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	CHECKED BY MARGULIS	DATE 2003/11/11			
			3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2003/11/11			
			2 PLACES	± 0.25	± ---	MATERIAL NO.				DOCUMENT NO.
1 PLACE			± 0.25	± ---	ANGULAR ±1/2°		SEE CHART		SD-45719-001	5 OF 5
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							