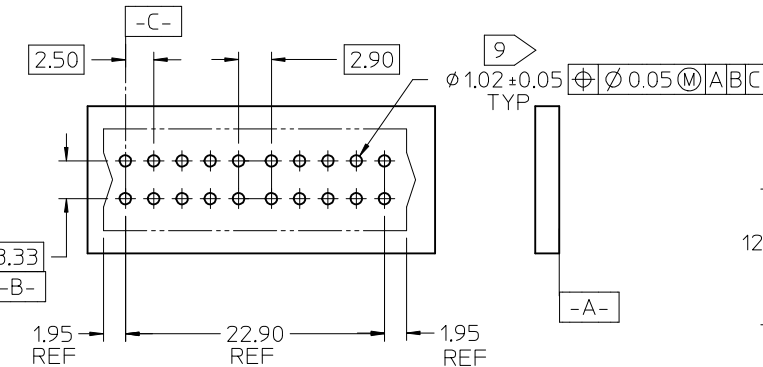
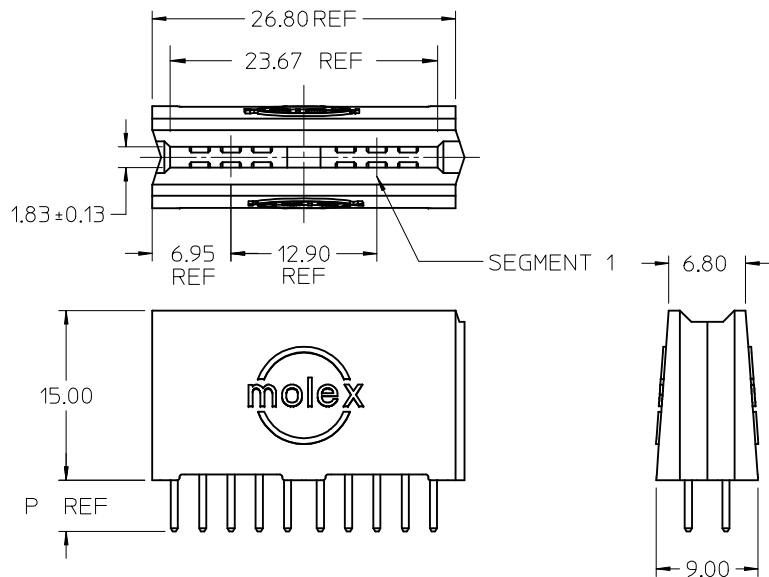
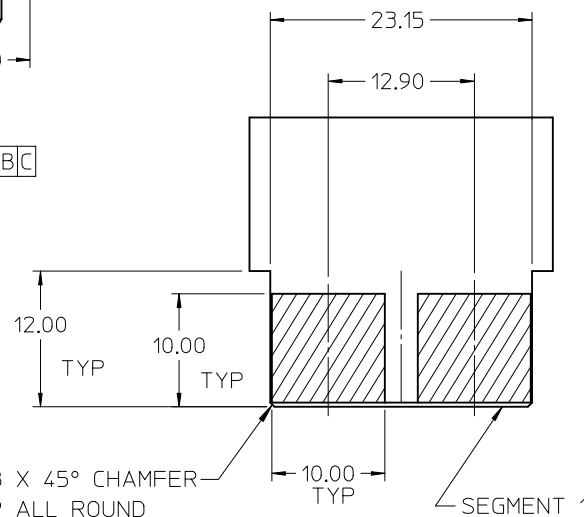




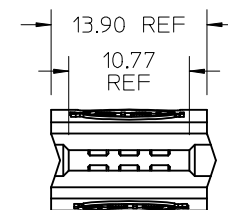
PCB LAYOUT: COMPONENT SIDE



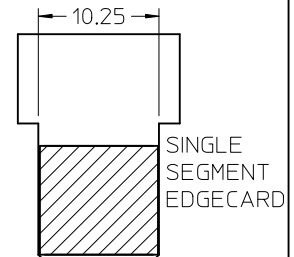
RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE ±0.05

NOTES:

1. HOUSING MATL: LCP, UL94V-0, COLOR BLACK
TERMINAL MATL: COPPER ALLOY
2. FINISH: SELECT GOLD: 30 M.I. MIN IN CONTACT AREA
SELECT TIN: 150 M.I. MIN IN SOLDER AREA
OVERALL NICKEL UNDERPLATE.
3. PRODUCT SPECIFICATION: PS-45719-001.
4. PACKAGING SPECIFICATION: ES-45714-001.
5. PCB THICKNESS: SEE CHART
6. EDGE CARD THICKNESS: 1.57±0.15
7. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL
ABOUT THOSE CENTERLINES WITHIN HALF TOTAL TOLERANCE.
8. VOIDED SEGMENTS DO NOT HAVE TERMINALS IN THE TOP OR BOTTOM ROW
9. PCB HOLE SPECIFICATION: SEE PS-45719-001

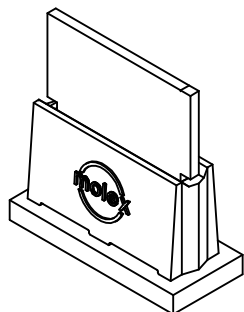


SINGLE
SEGMENT
MODULE
45719-1000



SINGLE
SEGMENT
EDGE CARD

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



REMOVE VOIDS, SHT 1	DESCRIPTION
EC NO: UCP2013-1672	2012/10/19
DRWN: JSCHAFER	2012/11/06
CHKD: APATEL	
APPR: APATEL	
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
MARGUL IS	2003/11/11
CHECKED BY	DATE
MARGUL IS	2003/11/11
APPROVED BY	DATE
MARGUL IS	2003/11/11
SIZE	
A	

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

6

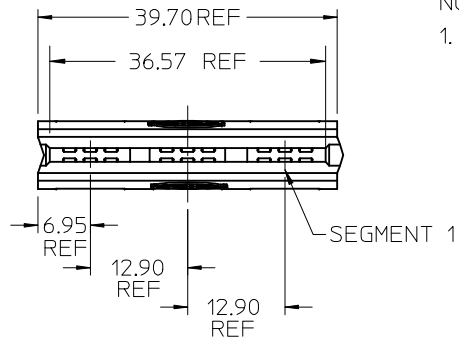
5

4

3

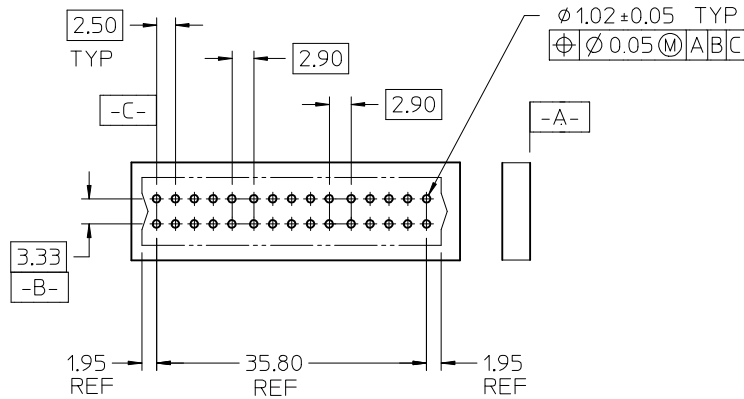
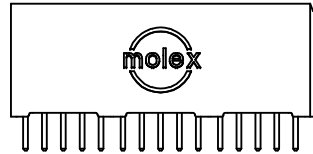
2

1

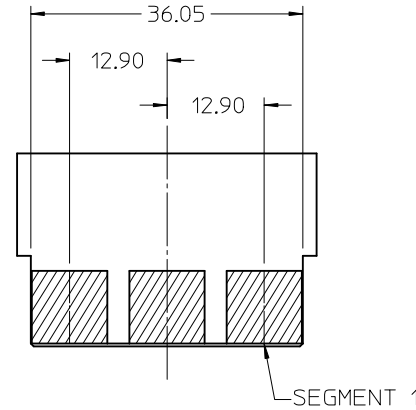


NOTES:

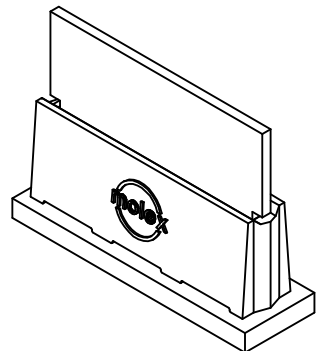
1. FOR ALL OTHER DIMENSIONS AND NOTES SEE SHEET 1.



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: UCP2013-1672 DRWN: JSCHAFER 2012/10/19 CHKD: APPR: APATEL 2012/11/06 REV		DESCRIPTION		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				
				3 PLACES	± ---	± ---	APPROVED BY MARGULIS		DATE 2003/11/11	MOLEX INCORPORATED			
				2 PLACES	± 0.25	± ---							
				1 PLACE	± 0.25	± ---	ANGULAR ±1/2°		DOCUMENT NO. SD-45719-001		SHEET NO. 2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

6

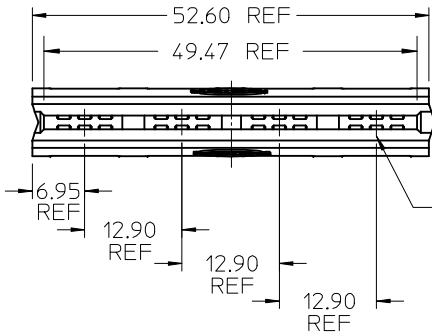
5

4

3

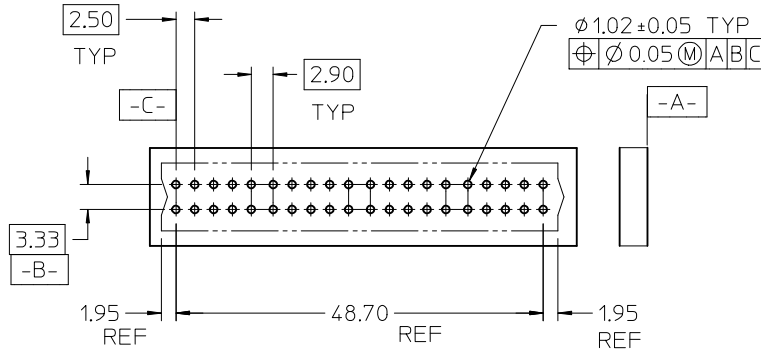
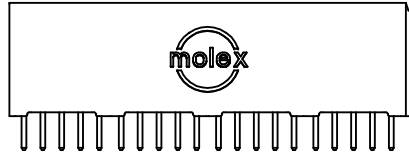
2

1

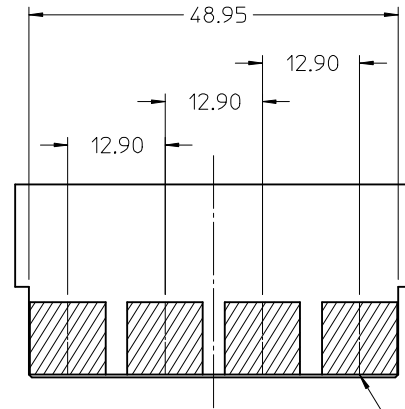


NOTES:

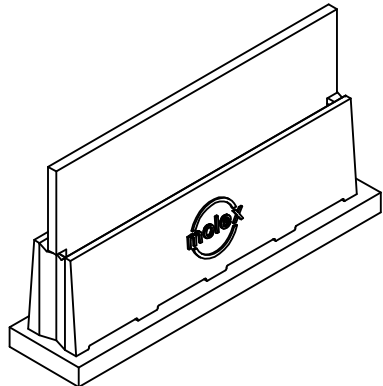
1. FOR ALL OTHER DIMENSIONS AND NOTES SEE SHEET 1.



PCB LAYOUT: COMPONENT SIDE

RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ± 0.05

MATERIAL NUMBER	VOIDED SEGMENT	P	PCB THK
45719-0003	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: UCP2013-1672	2012/10/19	2012/11/06
DRWN: JSCHAFER	CHKD: APATEL	APPR: APATEL
REV	DESCRIPTION	

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	± 0.25	$\pm$ ---
1 PLACE	± 0.25	$\pm$ ---

ANGULAR $\pm 1/2^\circ$ DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY

DRAWN BY	DATE
MARGULIS	2003/11/11
CHECKED BY	DATE
MARGULIS	2003/11/11
APPROVED BY	DATE
MARGULIS	2003/11/11

SCALE
1:1DESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONPOWER EDGE ASSEMBLY
POWER VERTICAL
SOLDER TAIL

MOLEX INCORPORATED

DOCUMENT NO.

SD-45719-001

SHEET NO.

3

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

5

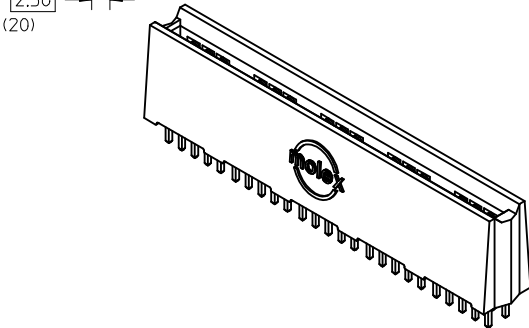
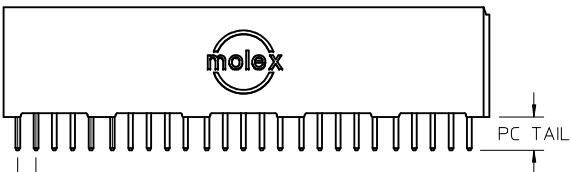
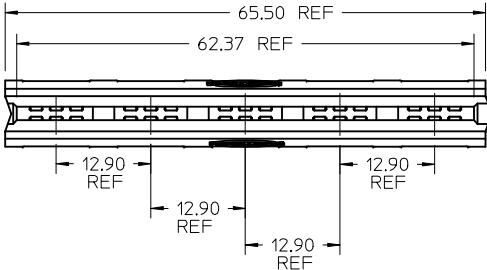
4

3

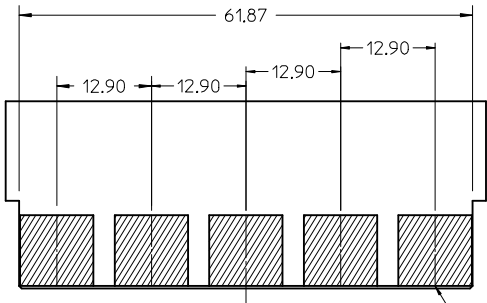
2

1

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		



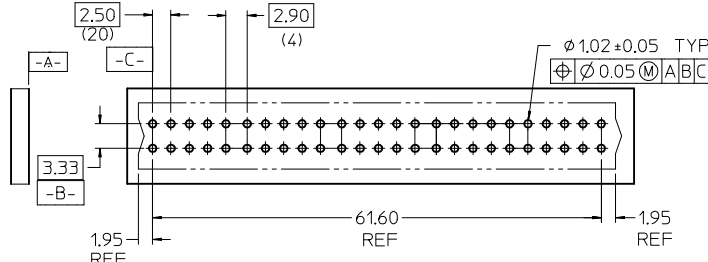
MATERIAL NUMBER	NO. OF SEG'S	VOIDED SEGMENT	PCTAIL	PCB THK
45719-0011	5	NONE	3.63	2.36
45719-5016	5	1		
45719-5017	5	2		
45719-5018	5	3		
45719-5019	5	4		
45719-5020	5	5		
45719-5021	5	1, 2		
45719-5022	5	1, 3		
45719-5023	5	1, 4		
45719-5024	5	1, 5		
45719-5025	5	2, 3		
45719-5026	5	2, 4		
45719-5027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



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE: ±0.05

SEGMENT 1

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		



PCB LAYOUT: COMPONENT SIDE

NOTE: FOR ALL OTHER NOTES & DIMENSIONS
SEE SHEET ONE

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
$\nabla A=0$ $\nabla E=0$ $\nabla F=0$	4 PLACES ± --- ± ---	MM ONLY	1:1	METRIC	
	3 PLACES ± --- ± ---				
	2 PLACES ± 0.25 ± ---	DRAWN BY DATE	TITLE		
	1 PLACE ± 0.25 ± ---	MARGULIS 2003/11/11			
	ANGULAR ± 1/2°	CHECKED BY DATE	MARGULIS 2003/11/11		
	APPROVED BY DATE				
	MATERIAL NO.	MARGULIS 2003/11/11			
		SEE CHART			
		SIZE B			

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

SD-45719-001

4 OF 5

SEE SHT 1

EC NO: UCP2013-1672

DRWN: JSCHAFER

CHKD: APATEL

APPR: APATEL

2012/10/19

2012/11/06

DESCRIPTION

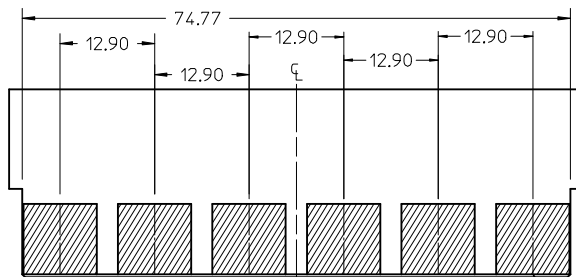
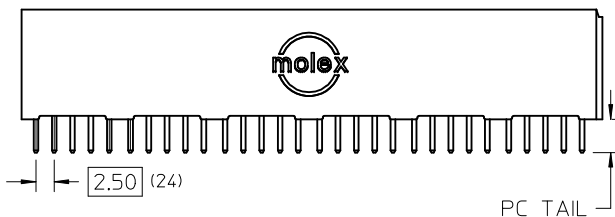
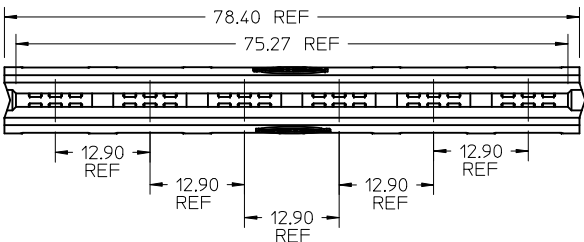
REV

tb_frame_B_P_AM.T

Rev. F 2009/06/18

10 9 8 7 6 5 4 3 2 1

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

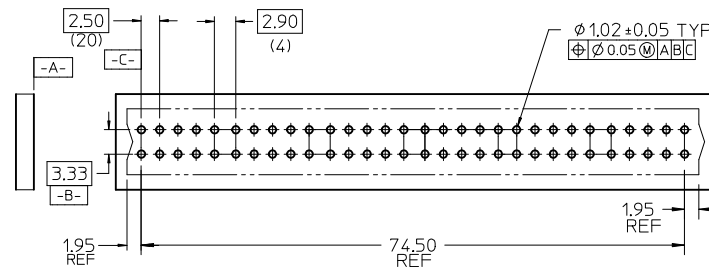


RECOMMENDED EDGE CARD LAYOUT
EDGE CARD TOLERANCE ± 0.05

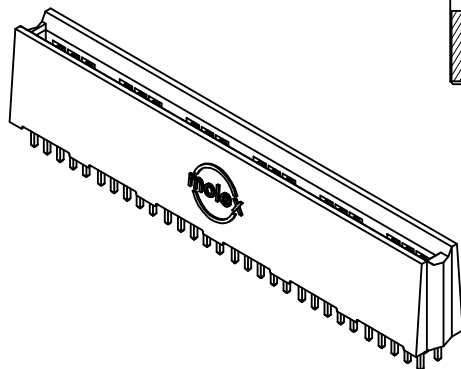
NO OF SEG'S	MATERIAL NUMBER	VOIDED SEGMENT	PC TAIL	PCB THK
6	45719-0013	NONE		
6	45719-6001	1		
6	45719-6002	2		
6	45719-6003	3		
6	45719-6004	4		
6	45719-6005	5		
6	45719-6006	6		
6	45719-6007	1, 2		
6	45719-6008	1, 3		
6	45719-6009	1, 4		
6	45719-6010	1, 5		
6	45719-6011	1, 6		
6	45719-6012	2, 3		
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		
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		

NO OF SEG'S	MATERIAL NUMBER	VOIDED SEGMENT	PC TAIL	PCB THK
6	45719-0015	NONE		
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: UCP2013-1672 DRWN: JSCHAFER CHKD: CHKD: APPR: APATEL REV	DESCRIPTION 2012/11/06	QUALITY SYMBOLS ▽ =0 ▽ =0 ▽ =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	DATE			
			3 PLACES	± ---	± ---	MARGULIS	2003/11/11			
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
			1 PLACE	± 0.25	± ---	MARGULIS	2003/11/11			
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-45719-001		5 OF 5	
					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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