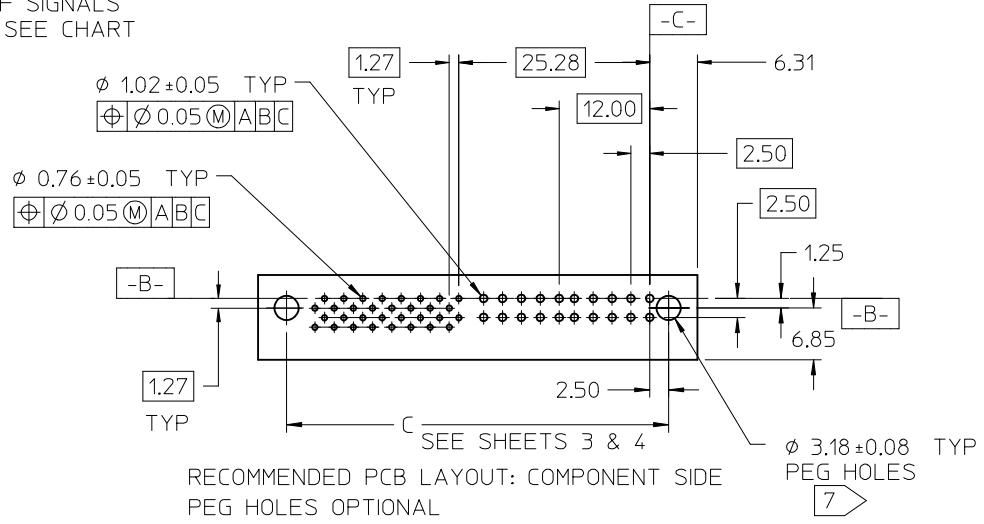
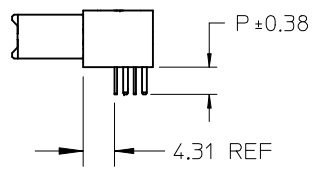
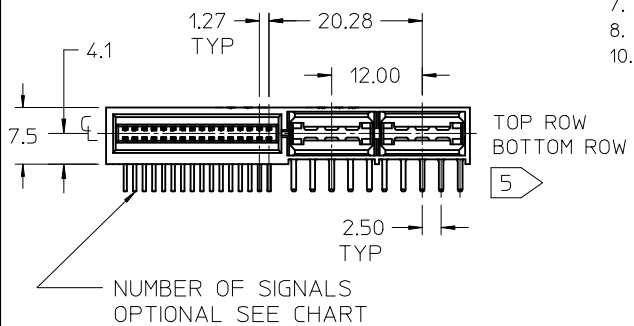
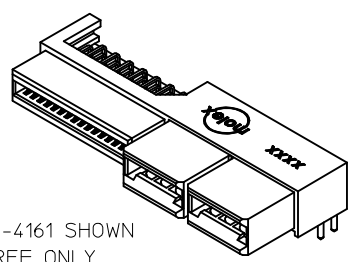


- SEE NOTE 10.
- NOTES:
- MATERIAL HOUSING: GLASS FILLED LCP (LIQUID CRYSTAL POLYMER), 94V-0, COLOR-BLACK.
CONTACT: COPPER ALLOY.
 - FINISH: SELECT GOLD - .76 MICROMETERS/30 MICRONS MINIMUM CONTACT AREA.
SELECT TIN - 3.81 MICROMETERS/150 MICRONS MINIMUM TAIL AREA.
BOTH OVER NICKEL - 1.27 MICROMETERS/50 MICRONS MINIMUM.
 - POWER TERMINALS ARE LUBRICATED IN CONTACT AREA.
 - PRODUCT SPECIFICATION: PS-45984-001.
 - PACKAGING: TRAY PER PK-45984-001.
 - SEE SHEET 5 FOR CKT IDENTIFICATION.
 - PARTS ARE RoHS COMPLIANT.
 - PEG HOLES ARE OPTIONAL SEE SHEET 3 AND 4.
 - MATES TO 1.57/0.62 CARD EDGE OR MOLEX P/N 45985-4****.
 - DATE CODE LOCATED APPROXIMATELY WHERE SHOWN.



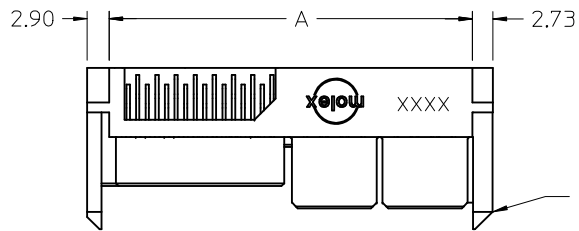
RECOMMENDED PCB LAYOUT: COMPONENT SIDE
PEG HOLES OPTIONAL

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45984-4111	35.5	4.50	3.18
16	45984-4121	38.0		
20	45984-4131	40.6		
24	45984-4141	43.1		
28	45984-4151	45.6		
32	45984-4161	48.2	3.60	2.36
36	45984-4171	50.7		
40	45984-4181	53.3		
12	45984-4112	35.5		
16	45984-4122	38.0		
20	45984-4132	40.6	2.90	1.57
24	45984-4142	43.1		
28	45984-4152	45.6		
32	45984-4162	48.2		
36	45984-4172	50.7		
40	45984-4182	53.3	2.90	1.57
12	45984-4113	35.5		
16	45984-4123	38.0		
20	45984-4133	40.6		
24	45984-4143	43.1		
28	45984-4153	45.6	2.90	1.57
32	45984-4163	48.2		
36	45984-4173	50.7		
40	45984-4183	53.3		

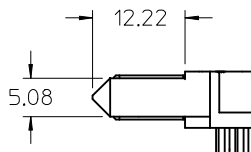
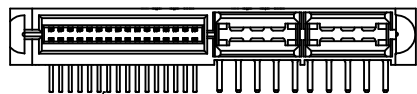


45984-4161 SHOWN
FOR REF ONLY
SEE CHART

ADD CARD EDGE TOL. EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	$\nabla \Rightarrow \text{=}$ $\nabla \Rightarrow \text{=}$ $\nabla \Rightarrow \text{=}$		mm	INCH	DRAWN BY	DATE	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	SAMIEC	2005/05/13				
		3 PLACES	± ---	± ---	CHECKED BY	DATE				
2 PLACES		± 0.25	± ---	SAMIEC	2005/05/13					
	1 PLACE	± ---	± ---	APPROVED BY	DATE	molex DOCUMENT NO. SD-45984-400 SHEET NO. 1 OF 5				
	0 PLACE	±	±	MARGULIS	2005/05/13					
	ANGULAR ± 1/2°		MATERIAL NO.		SEE CHART					
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				

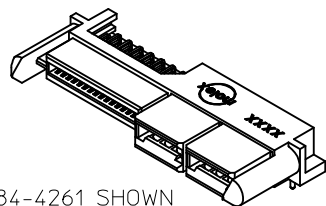


OPTIONAL GUIDES
SEE CHART



NO OF SIGNALS
OPTIONAL
SEE CHART

GUIDE POST OPTIONS



45984-4261 SHOWN
FOR REF ONLY
SEE CHART

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM P	PCB THK
12	45984-4211	35.5	4.50	3.18
16	45984-4221	38.0		
20	45984-4231	40.6		
24	45984-4241	43.1		
28	45984-4251	45.6		
32	45984-4261	48.2	3.60	2.36
36	45984-4271	50.7		
40	45984-4281	53.3		
12	45984-4212	35.5		
16	45984-4222	38.0		
20	45984-4232	40.6	2.90	1.57
24	45984-4242	43.1		
28	45984-4252	45.6		
32	45984-4262	48.2		
36	45984-4272	50.7		
40	45984-4282	53.3	2.90	1.57
12	45984-4213	35.5		
16	45984-4223	38.0		
20	45984-4233	40.6		
24	45984-4243	43.1		
28	45984-4253	45.6		
32	45984-4263	48.2		
36	45984-4273	50.7		
40	45984-4283	53.3		

SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0		mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR		
	▽=0	4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13			
	▽=0	3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/05/13	MATERIAL NO. SEE CHART		
	2 PLACES	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO. SD-45984-400			
	1 PLACE	± ---	± ---	ANGULAR ± 1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	0 PLACE	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

6

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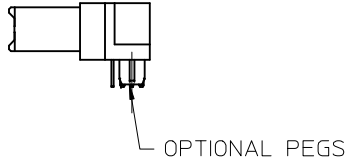
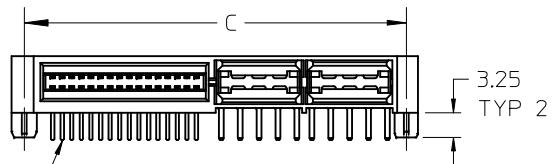
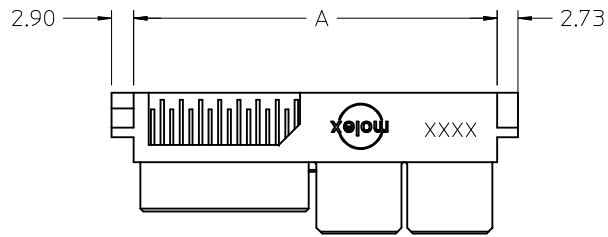
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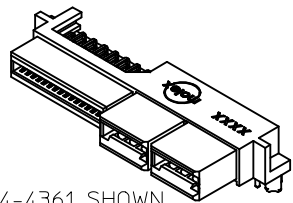
NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-4311	35.5	37.90	4.50	3.18
16	45984-4321	38.0	40.44		
20	45984-4331	40.6	42.98		
24	45984-4341	43.1	45.52		
28	45984-4351	45.6	48.06		
32	45984-4361	48.2	50.60		
36	45984-4371	50.7	53.14	3.60	2.36
40	45984-4381	53.3	55.68		
12	45984-4312	35.5	37.90		
16	45984-4322	38.0	40.44		
20	45984-4332	40.6	42.98		
24	45984-4342	43.1	45.52		
28	45984-4352	45.6	48.06		
32	45984-4362	48.2	50.60		
36	45984-4372	50.7	53.14	2.90	1.57
40	45984-4382	53.3	55.68		
12	45984-4313	35.5	37.90		
16	45984-4323	38.0	40.44		
20	45984-4333	40.6	42.98		
24	45984-4343	43.1	45.52		
28	45984-4353	45.6	48.06		
32	45984-4363	48.2	50.60		
36	45984-4373	50.7	53.14	40	55.68
40	45984-4383	53.3	55.68		



NO OF SIGNALS
OPTIONAL
SEE CHART

OPTIONAL PEGS

MOUNTING PEG OPTIONS



45984-4361 SHOWN
FOR REF ONLY
SEE CHART

SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR			
		3 PLACES			CHECKED BY	DATE				
		2 PLACES	± 0.25	\pm	SAMIEC	2005/05/13	molex DOCUMENT NO. SD-45984-400 SHEET NO. 3 OF 5			
	1 PLACE	\pm	\pm	APPROVED BY	DATE					
	0 PLACE	\pm	\pm	MARGULIS	2005/05/13	MATERIAL NO. SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	ANGULAR $\pm 1/2^\circ$		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A					

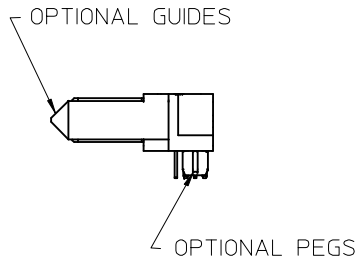
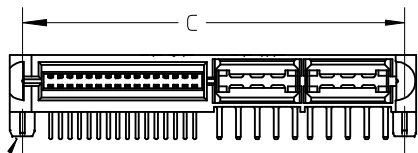
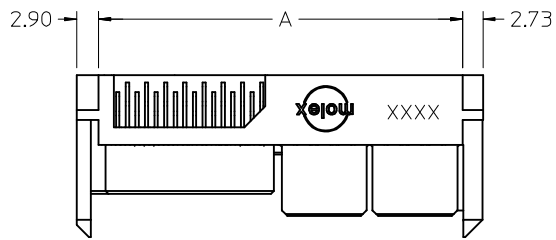
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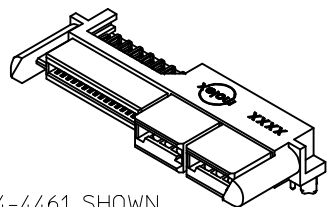
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NO OF SIGNALS
OPTIONAL
SEE CHART

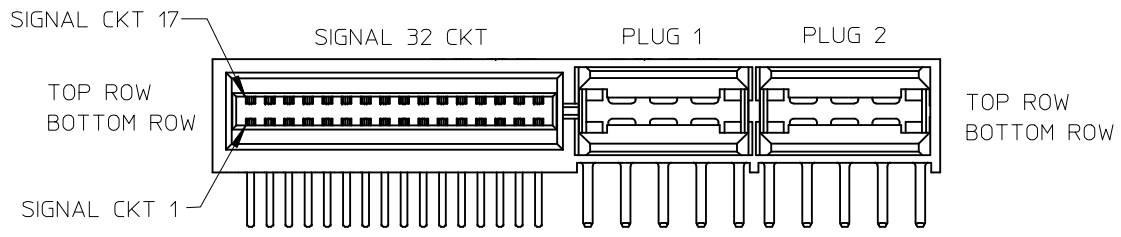
GUIDE POST & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A	DIM C	DIM P	PCB THK
12	45984-4411	35.5	37.90	4.50	3.18
16	45984-4421	38.0	40.44		
20	45984-4431	40.6	42.98		
24	45984-4441	43.1	45.52		
28	45984-4451	45.6	48.06		
32	45984-4461	48.2	50.60		
36	45984-4471	50.7	53.14		
40	45984-4481	53.3	55.68		
12	45984-4412	35.5	37.90	3.60	2.36
16	45984-4422	38.0	40.44		
20	45984-4432	40.6	42.98		
24	45984-4442	43.1	45.52		
28	45984-4452	45.6	48.06		
32	45984-4462	48.2	50.60		
36	45984-4472	50.7	53.14		
40	45984-4482	53.3	55.68		
12	45984-4413	35.5	37.90	2.90	1.57
16	45984-4423	38.0	40.44		
20	45984-4433	40.6	42.98		
24	45984-4443	43.1	45.52		
28	45984-4453	45.6	48.06		
32	45984-4463	48.2	50.60		
36	45984-4473	50.7	53.14		
40	45984-4483	53.3	55.68		

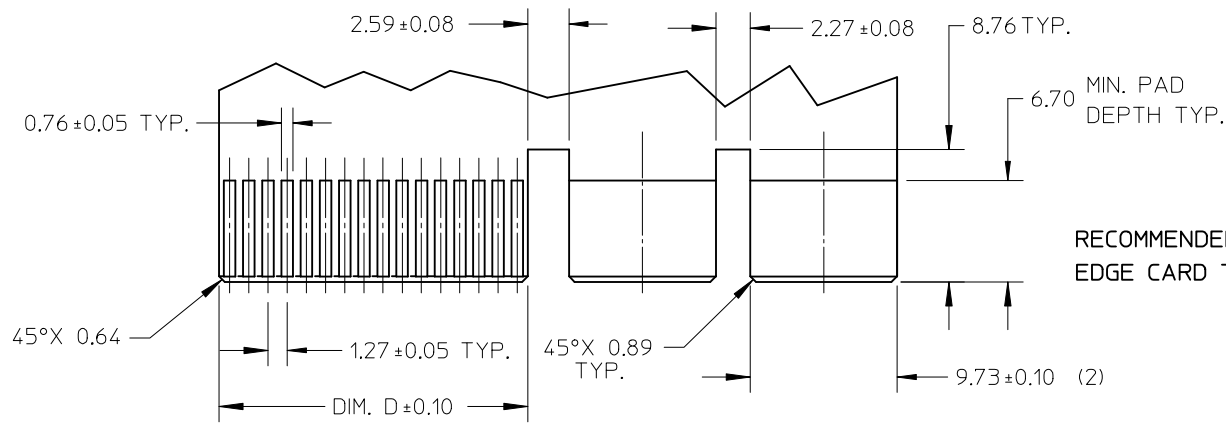


45984-4461 SHOWN
FOR REF ONLY
SEE CHART

SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	$\nabla_A = 0$ $\nabla_E = 0$ $\nabla_F = 0$	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR			
		3 PLACES	± ---	± ---	SAMIEC	2005/05/13				
		2 PLACES	± 0.25	± ---	CHECKED BY	DATE	DOCUMENT NO. SD-45984-400			
	1 PLACE	± ---	± ---	SAMIEC	2005/05/13					
	0 PLACE	±	±	APPROVED BY	DATE	SHEET NO. 4 OF 5				
	ANGULAR ±1/2°		MATERIAL NO.		SEE CHART					
	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	



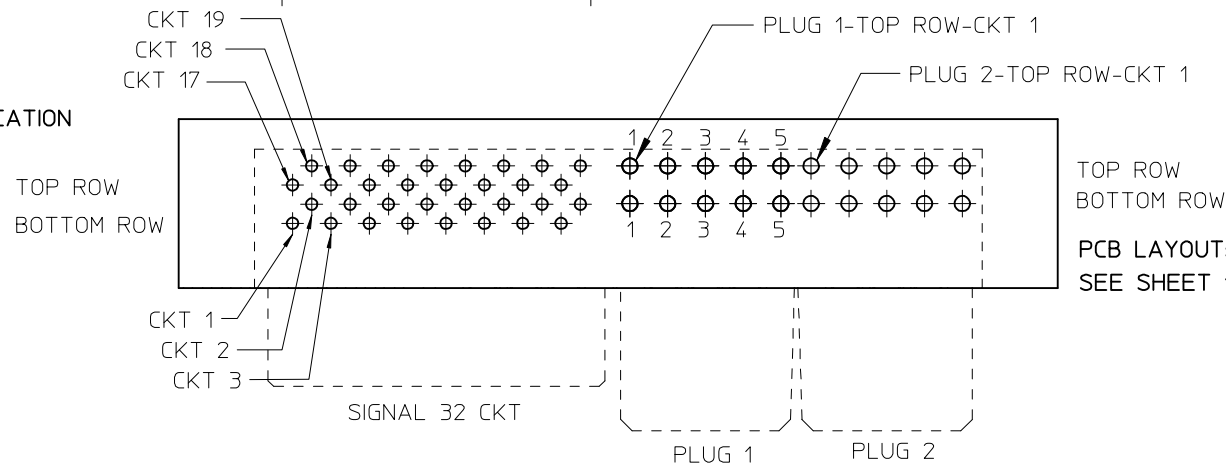
NO. OF SIGNAL	DIM. D
12	8.00
16	10.54
20	13.08
24	15.62
28	18.16
32	20.70
36	23.24
40	25.78



RECOMMENDED EDGE CARD LAYOUT
EDGE CARD THICKNESS: 1.57±0.15/0.62±0.06



CIRCUIT IDENTIFICATION



SEE SHEET 1 EC NO: UCP2014-4975 DRWN:MBANDURA 2014/05/28 CHKD: APPR:APATEL 2014/06/06 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	$\nabla_{\text{W}} = 0$ $\nabla_{\text{C}} = 0$ $\nabla_{\text{F}} = 0$		mm	INCH	DRAWN BY SAMIEC	DATE 2005/05/13	TITLE LPH RECEPTACLE ASSEMBLY RT ANGLE 4 CIRCUIT POWER CONNECTOR			
		4 PLACES	± ---	± ---	CHECKED BY SAMIEC	DATE 2005/05/13				
		3 PLACES	± ---	± ---	APPROVED BY MARGULIS	DATE 2005/05/13	molex MATERIAL NO. SD-45984-400 DOCUMENT NO. SD-45984-400 SHEET NO. 5 OF 5			
		2 PLACES	± 0.25	± ---	SEE CHART					
1 PLACE		± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
0 PLACE	±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							