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NOTES:

- 1. MATERIAL: LCP, 94V-0, BLACK
POWER CONTACT: COPPER ALLOY
SIGNAL CONTACT: PHOSPHOR BRONZE
- 2. FINISH: SELECT GOLD 0.76µM/30 MI MIN, IN CONTACT AREA
SELECT TIN 3.81µM/100 MI MIN, IN PC TAIL AREA
BOTH OVER NICKEL 1.27µM/50 MI MIN.
- 3. PRODUCT SPECIFICATION: PS-45984-001
- 4. PACKAGING SPECIFICATION: TRAY PER PK-45984-001
- 5. SEE SHEET 5 FOR CIRCUIT IDENTIFICATION.
- 6. PARTS ARE RoHS COMPLIANT.
- 7. PEG HOLES ARE OPTIONAL PCB FEATURES AND ARE REQUIRED ONLY WITH THE PEGGED HOUSING OPTIONS.
- 8. MATES WITH MOLEX RECEPTACLE SERIES 45984-6***.

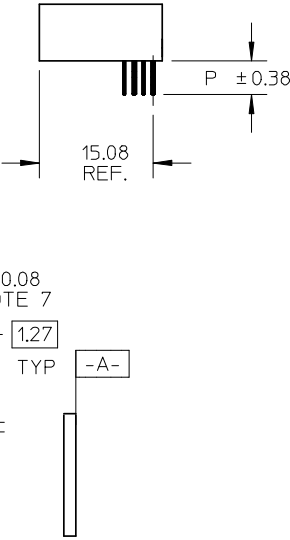
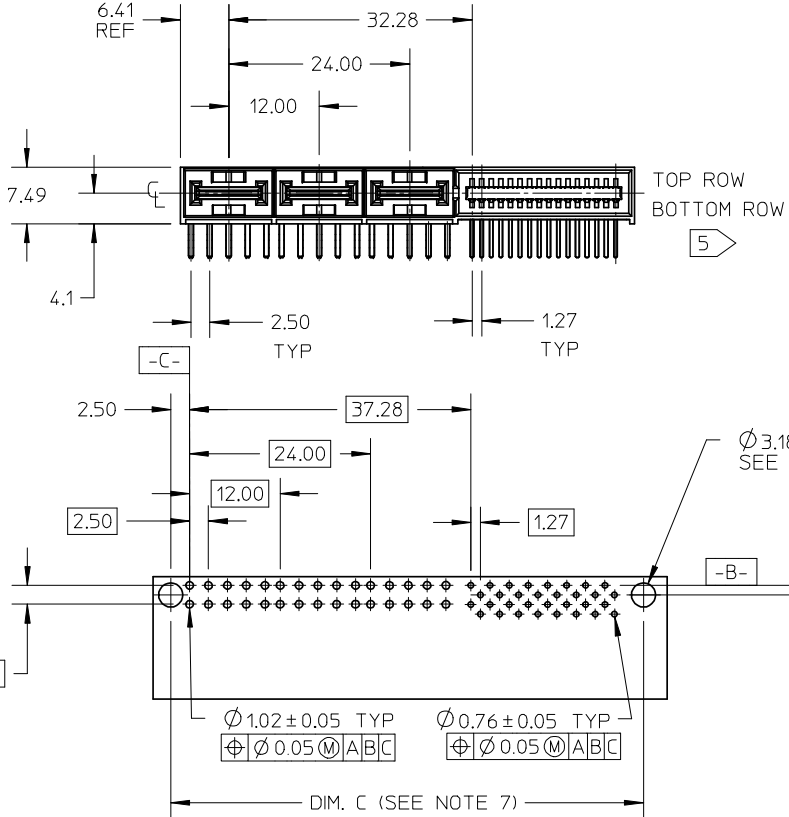
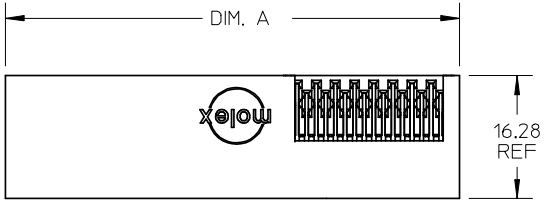
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-6111	48.16	4.50	3.18
16	45985-6121	50.70		
20	45985-6131	53.24		
24	45985-6141	55.78		
28	45985-6151	58.32		
32	45985-6161	60.86	3.90	2.36
36	45985-6171	63.40		
40	45985-6181	65.94		
12	45985-6112	48.16	3.90	2.36
16	45985-6122	50.70		
20	45985-6132	53.24		
24	45985-6142	55.78		
28	45985-6152	58.32		
32	45985-6162	60.86	2.90	1.57
36	45985-6172	63.40		
40	45985-6182	65.94		
12	45985-6113	48.16		
16	45985-6123	50.70		
20	45985-6133	53.24		
24	45985-6143	55.78		
28	45985-6153	58.32		
32	45985-6163	60.86		
36	45985-6173	63.40		
40	45985-6183	65.94		

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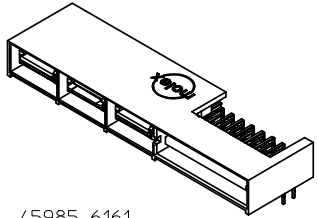
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PCB LAYOUT: COMPONENT SIDE
THKNESS: SEE CHART



45985-6161
(SHOWN FOR REFERENCE)
SEE CHART

REVISED	EC NO:	DRWN:	CHKD:	APPR:	DESCRIPTION	REV
	UCP2007-3140	2008/03/03	2008/03/04	2008/03/06		
	DRWN:MBANDURA					
	CHKD:					
	APPR:APATEL					

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

DIMENSION STYLE MM/IN	
DRAWN BY	DATE
JSCHAFFER	6-9-05
CHECKED BY	DATE
YMARGULIS	6-14-05
APPROVED BY	DATE
YMARGULIS	6-15-05
MATERIAL NO.	SEE CHART
SIZE	A

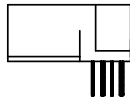
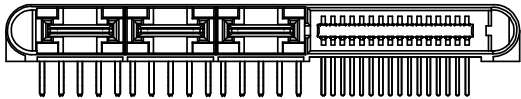
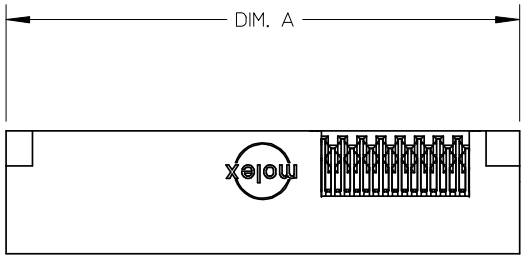
SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
TITLE LPH PLUG ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-45985-600			SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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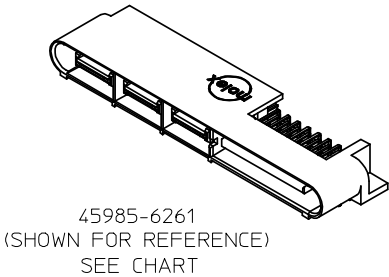
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GUIDE OPTIONS

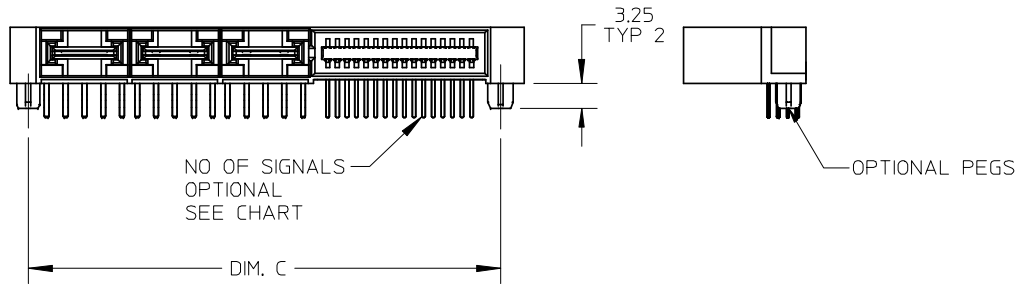
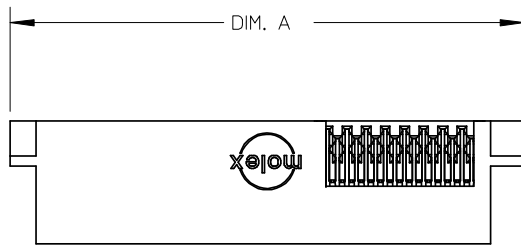
NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM P	PCB THK
12	45985-6211	55.66	4.50	3.18
16	45985-6221	58.20		
20	45985-6231	60.74		
24	45985-6241	63.28		
28	45985-6251	65.82		
32	45985-6261	68.36		
36	45985-6271	70.90		
40	45985-6281	73.44		
12	45985-6212	55.66	3.90	2.36
16	45985-6222	58.20		
20	45985-6232	60.74		
24	45985-6242	63.28		
28	45985-6252	65.82		
32	45985-6262	68.36		
36	45985-6272	70.90		
40	45985-6282	73.44		
12	45985-6213	55.66	2.90	1.57
16	45985-6223	58.20		
20	45985-6233	60.74		
24	45985-6243	63.28		
28	45985-6253	65.82		
32	45985-6263	68.36		
36	45985-6273	70.90		
40	45985-6283	73.44		

NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-6261
(SHOWN FOR REFERENCE)
SEE CHART

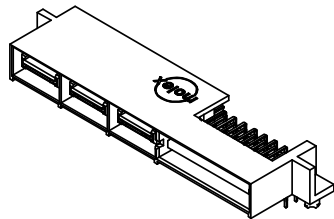
REVISED EC NO: UCP2007-3140 DRWN:MBANDURA CHKD: APPR:APATEL	2008/03/03 2008/03/04 2008/03/06	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY JSCHAFFER	DATE 6-9-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	CHECKED BY	DATE 6-14-05			
			3 PLACES	± ---	± ---	APPROVED BY	DATE 6-15-05			
			2 PLACES	± 0.25	± ---	MATERIAL NO.			DOCUMENT NO. SD-45985-600	
			1 PLACE	± ---	± ---	SHEET NO. 2 OF 5				
			ANGULAR ±1/2°			SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A				



MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-6311	55.66	49.98	4.50	3.18
16	45985-6321	58.20	52.52		
20	45985-6331	60.74	55.06		
24	45985-6341	63.28	57.60		
28	45985-6351	65.82	60.14		
32	45985-6361	68.36	62.68		
36	45985-6371	70.90	65.22		
40	45985-6381	73.44	67.76	3.90	2.36
12	45985-6312	55.66	49.98		
16	45985-6322	58.20	52.52		
20	45985-6332	60.74	55.06		
24	45985-6342	63.28	57.60		
28	45985-6352	65.82	60.14		
32	45985-6362	68.36	62.68		
36	45985-6372	70.90	65.22		
40	45985-6382	73.44	67.76	2.90	1.57
12	45985-6313	55.66	49.98		
16	45985-6323	58.20	52.52		
20	45985-6333	60.74	55.06		
24	45985-6343	63.28	57.60		
28	45985-6353	65.82	60.14		
32	45985-6363	68.36	62.68		
36	45985-6373	70.90	65.22		
40	45985-6383	73.44	67.76		

NOTE:
1. SEE SHEET 1 FOR DIMENSIONS NOT SHOWN.



45985-6361
(SHOWN FOR REFERENCE)
SEE CHART

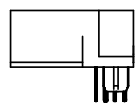
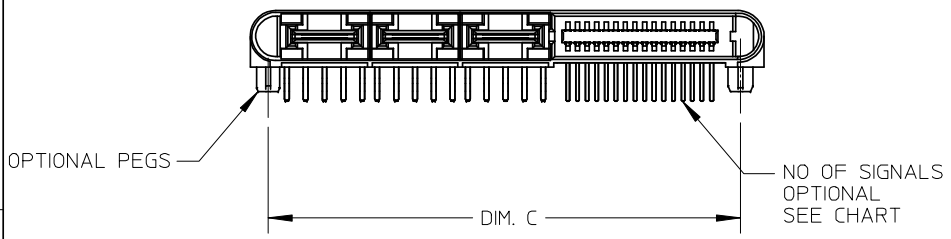
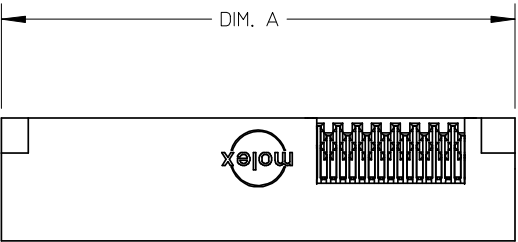
REVISED EC NO: UCP2007-3140 DRWN:MBANDURA CHKD: APPR:APATEL REV	DESCRIPTION 2008/03/03 2008/03/04 2008/03/06	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JSCHAFFER	DATE 6-9-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR				
		4 PLACES	± ---	± ---	CHECKED BY	DATE					
		3 PLACES	± ---	± ---	YMARGULIS	6-14-05	MOLEX INCORPORATED				
		2 PLACES	± 0.25	± ---	APPROVED BY	DATE					
		1 PLACE	± ---	± ---	YMARGULIS	6-15-05	DOCUMENT NO. SD-45985-600				
		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				

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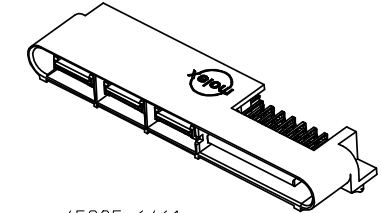
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GUIDE & MOUNTING PEG OPTIONS

NO OF SIGNAL	MATERIAL NUMBER	DIM A REF	DIM C	DIM P	PCB THK
12	45985-6411	55.66	49.98	4.50	3.18
16	45985-6421	58.20	52.52		
20	45985-6431	60.74	55.06		
24	45985-6441	63.28	57.60		
28	45985-6451	65.82	60.14		
32	45985-6461	68.36	62.68		
36	45985-6471	70.90	65.22		
40	45985-6481	73.44	67.76		
12	45985-6412	55.66	49.98	3.90	2.36
16	45985-6422	58.20	52.52		
20	45985-6432	60.74	55.06		
24	45985-6442	63.28	57.60		
28	45985-6452	65.82	60.14		
32	45985-6462	68.36	62.68		
36	45985-6472	70.90	65.22		
40	45985-6482	73.44	67.76		
12	45985-6413	55.66	49.98	2.90	1.57
16	45985-6423	58.20	52.52		
20	45985-6433	60.74	55.06		
24	45985-6443	63.28	57.60		
28	45985-6453	65.82	60.14		
32	45985-6463	68.36	62.68		
36	45985-6473	70.90	65.22		
40	45985-6483	73.44	67.76		

NOTE:
1. SEE SHEET 1 FOR ALL DIMENSIONS NOT SHOWN.



45985-6461
(SHOWN FOR REFERENCE)
SEE CHART

REVISED EC NO: UCP2007-3140 DRWN:MBANDURA CHKD: APPR:APATEL REV C	DESCRIPTION 2008/03/03 2008/03/04 2008/03/06	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JSCHAFFER	DATE 6-9-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR	MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-45985-600	SHEET NO. 4 OF 5	
		4 PLACES	± ---	± ---	CHECKED BY	DATE					
		3 PLACES	± ---	± ---	YMARGULIS	6-14-05					
		2 PLACES	± 0.25	± ---	APPROVED BY	DATE					
		1 PLACE	± ---	± ---	YMARGULIS	6-15-05					
		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				
	REV										

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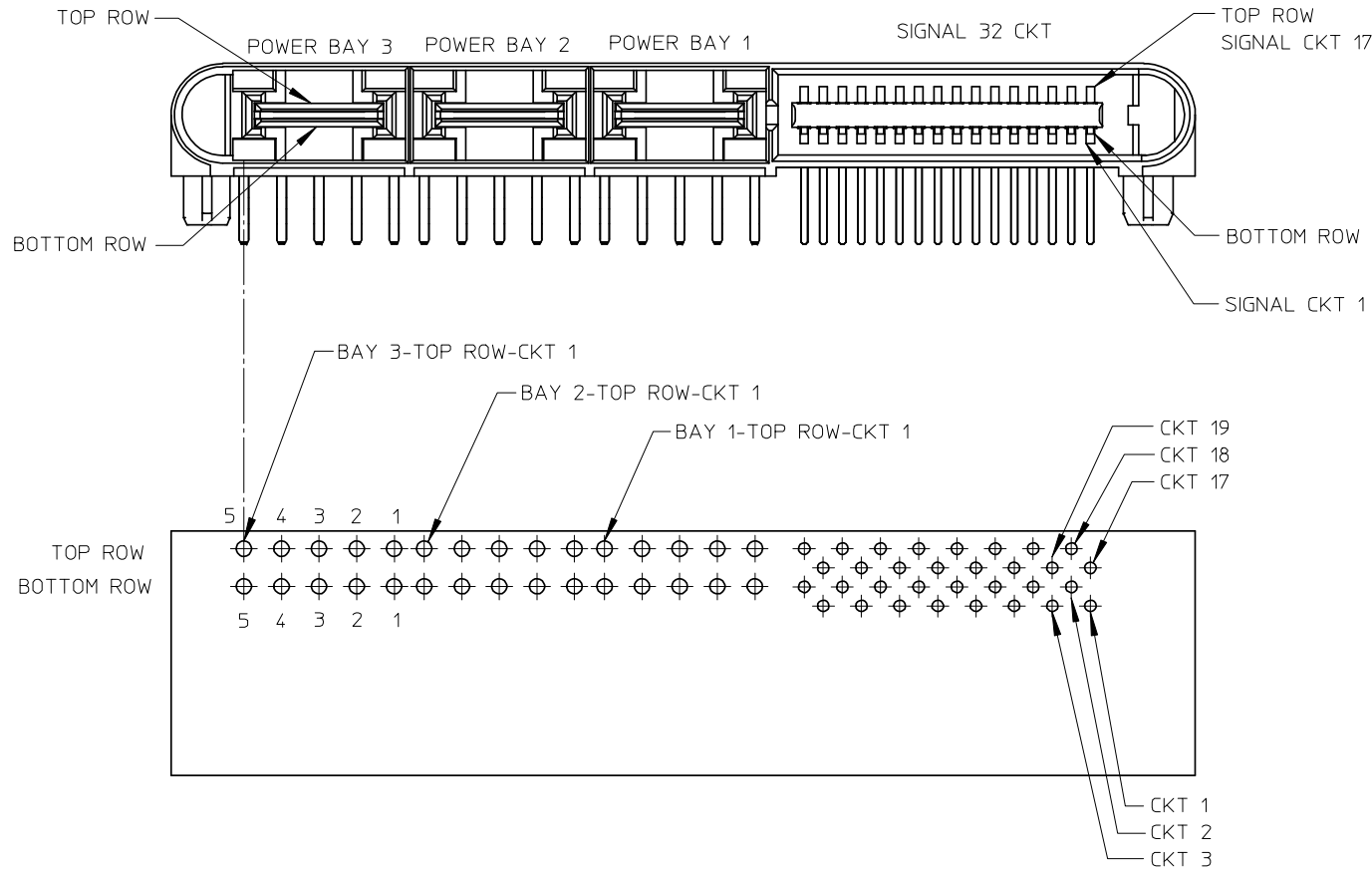
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CIRCUIT IDENTIFICATION



PCB LAYOUT: COMPONENT SIDE

REVISED EC NO: UCP2007-3140 DRWN:MBANDURA CHKD: APPR:APATEL REV	DESCRIPTION 2008/03/03 2008/03/04 2008/03/06	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY JSCHAFFER	DATE 6-9-05	TITLE LPH PLUG ASSEMBLY RT ANGLE 6 CIRCUIT POWER CONNECTOR				
		4 PLACES	± ---	± ---	CHECKED BY	DATE					
		3 PLACES	± ---	± ---	YMARGULIS	6-14-05					
		2 PLACES	± 0.25	± ---	APPROVED BY	DATE					
		1 PLACE	± ---	± ---	YMARGULIS	6-15-05	MOLEX INCORPORATED				
		ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHARTS		SD-45985-600		5 OF 5		
SIZE A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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