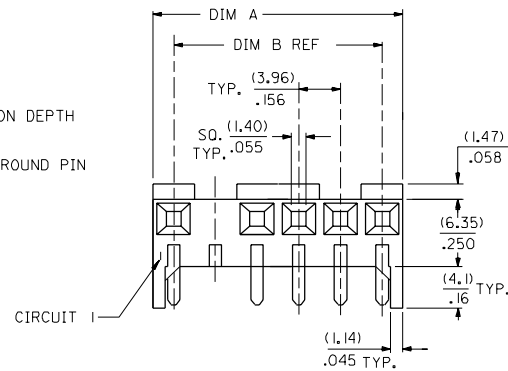
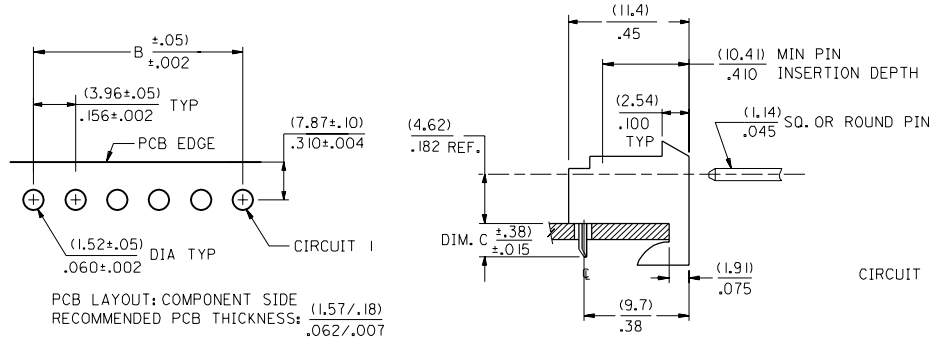
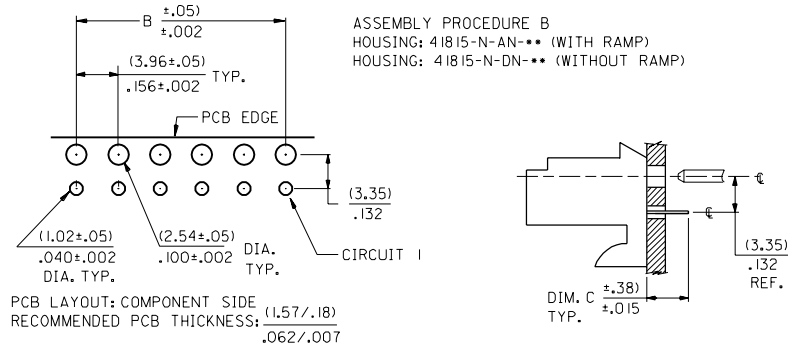


ASSEMBLY PROCEDURE A
HOUSING: 41815-N-AN-•• (WITH RAMP)
HOUSING: 41815-N-DN-•• (WITHOUT RAMP)

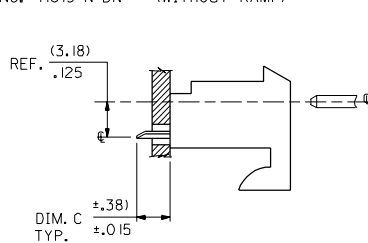


DIM. B	DIM. A	NO. OF CKTS
(3.96) / .156	(7.82 $\pm .25$) / .308 $\pm .010$	2
(7.92) / .312	(11.79 $\pm .25$) / .464 $\pm .010$	3
(11.89) / .468	(15.75 $\pm .25$) / .620 $\pm .010$	4
(15.85) / .624	(19.71 $\pm .25$) / .776 $\pm .010$	5
(19.81) / .780	(23.67 $\pm .25$) / .932 $\pm .010$	6
(23.77) / .936	(27.64 $\pm .30$) / 1.088 $\pm .012$	7
(27.74) / 1.092	(31.60 $\pm .25$) / 1.244 $\pm .012$	8
(31.70) / 1.248	(35.56 $\pm .30$) / 1.400 $\pm .012$	9
(35.66) / 1.404	(39.52 $\pm .30$) / 1.556 $\pm .012$	10
(39.62) / 1.560	(43.48 $\pm .30$) / 1.712 $\pm .012$	11
(43.59) / 1.716	(47.45 $\pm .30$) / 1.868 $\pm .012$	12
(47.55) / 1.872	(51.41 $\pm .30$) / 2.024 $\pm .012$	13
(51.51) / 2.028	(55.37 $\pm .36$) / 2.180 $\pm .014$	14
(55.47) / 2.184	(59.33 $\pm .36$) / 2.336 $\pm .014$	15

ASSEMBLY PROCEDURE B
HOUSING: 41815-N-AN-•• (WITH RAMP)
HOUSING: 41815-N-DN-•• (WITHOUT RAMP)

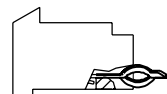


ASSEMBLY PROCEDURE C
HOUSING: 41815-N-AN-•• (WITH RAMP)
HOUSING: 41815-N-DN-•• (WITHOUT RAMP)

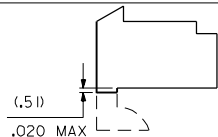


NOTES:

2. SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF 230°C OR 446°F FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR ADDITIONAL INFORMATION SEE ES-152.
3. MATERIAL: HOUSING: POLYESTER, 94V-0 COLOR NATURAL (WHITE)
5. SEE SMES-42329-*** FOR KINK PIN INFORMATION.
6. PRODUCT SPECIFICATION: PS-08-50
7. PARTS ARE STACKABLE END TO END ON (3.96) / .156 @
8. FOR TOP ENTRY AND RIGHT ANGLE ASSEMBLIES WITH LOWER INSERTION FORCE USE SINGLE BEAM CONTACT. (TERMINAL NO. 4244)



KINKED TERMINAL OPTION
SEE NOTE 5
(SEE ASSY PROC. C FOR PCB LAYOUT)



HOOKS REMOVED OPTION

LTR.		REVISIONS	LTR.	REVISIONS	REL 0551 UCR2000-0200 9-13-99 SAMIEC RENO. FOR SAP UCR1999-0602 99-12-15 SAMIEC	REL -NC102-0028 UCR1998-0103 98-3-24 SAMIEC	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR 1/16° INCH METRIC 3 PLACE ± 2 PLACE ± 1 PLACE ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DWG. SAMIEC CHKD. BY PATEL APP'D. LENZ SCALE 1:1	7 = 0 7 = 0 TITLE (3.96) / .156 @ PC BOARD CONNECTOR ASSEMBLY 41815 SERIES DWG. MOLEX INCORPORATED LITEL, ILL. 60532 U.S.A. SHEET NO. 1 OF 7 DATE 01/28/97	REVISE ONLY ON CAD SYSTEM
LTR.		REVISIONS	LTR.	REVISIONS	SEE CHARTS	SDA-41815	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	REV. C	SIZE C

41815

D

C

B

A

	13	12	11	10	9	8	7	6	41815		4	3	2	1																																																																									
J	ENG. NO.		HOUSING NO.	HOUSING TYPE	TERMINAL NO.		TERM. MAT'L	ASSEMBLY PROCEDURE		DIM. C	VOID LOC.	PACKING	KINKED TERMINAL	HOOKS REMOVED	J																																																																								
	A-41815-0212/0225		41815-N-AN	WITH RAMPS	2144-BA-A1AA122B		PHOS BRONZE	A: SIDE ENTRY		(3.68) / .145	NONE	BULK	NO	NO																																																																									
	A-41815-0226/0240		41815-N-AN	WITH RAMPS	2188-1(587)		BRASS	B: BOTTOM ENTRY		(3.18) / .125	2,4	BULK	NO	NO																																																																									
	A-41815-0242/0254		41815-N-AN	WITH RAMPS	2188-1(587)		BRASS	B: BOTTOM ENTRY		(3.18) / .125	3	BULK	NO	NO																																																																									
	A-41815-0255/0270		41815-N-AN	WITH RAMPS	2144-BA-A1AA122B		PHOS BRONZE	C: TOP ENTRY		(3.05) / .120	NONE	BULK	NO	NO																																																																									
I	A-41815-0271/0284		41815-N-AN	WITH RAMPS	6298-1(122)		PHOS BRONZE	B: BOTTOM ENTRY		(4.06) / .160	NONE	BULK	NO	NO	I																																																																								
	A-41815-0299/0312		41815-N-AN	WITH RAMPS	2144-AA-A2AA102B		BRASS	C: TOP ENTRY		(4.80) / .189	NONE	BULK	NO	YES																																																																									
	A-41815-0313/0326		41815-N-AN	WITH RAMPS	2144-AA-A1AA-563B		BRASS	A: SIDE ENTRY		(3.68) / .145	NONE	BULK	NO	NO																																																																									
H	A-41815-0212/0225				A-41815-0226/0240				A-41815-0242/0254				A-41815-0255/0270			H																																																																							
	PART NO.	ENG. NO.	CKT		PART NO.	ENG. NO.	CKT		PART NO.	ENG. NO.	CKT		PART NO.	ENG. NO.	CKT																																																																								
		A-41815-0212	2			A-41815-0226	2						09-48-4024	A-41815-0255	2																																																																								
		A-41815-0213	3			A-41815-0227	3	S	09-48-5032	A-41815-0242	3		09-48-4034	A-41815-0256	3																																																																								
		A-41815-0214	4			A-41815-0228	4			A-41815-0243	4		09-48-4044	A-41815-0257	4																																																																								
G		A-41815-0215	5	S	09-48-5051	A-41815-0229	5			A-41815-0244	5		09-48-4054	A-41815-0258	5																																																																								
		A-41815-0216	6			A-41815-0230	6			A-41815-0245	6		09-48-4064	A-41815-0259	6	G																																																																							
		A-41815-0217	7			A-41815-0231	7			A-41815-0246	7		09-48-4074	A-41815-0260	7																																																																								
		A-41815-0218	8			A-41815-0232	8			A-41815-0247	8		09-48-4084	A-41815-0261	8																																																																								
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F		A-41815-0221	11			A-41815-0235	11			A-41815-0250	11		09-48-4114	A-41815-0265	11																																																																								
		A-41815-0222	12			A-41815-0236	12			A-41815-0251	12		09-48-4124	A-41815-0266	12	F																																																																							
		A-41815-0223	13			A-41815-0237	13			A-41815-0252	13		09-48-4134	A-41815-0267	13																																																																								
		A-41815-0224	14			A-41815-0239	14			A-41815-0253	14		09-48-4144	A-41815-0269	14																																																																								
		A-41815-0225	15			A-41815-0240	15			A-41815-0254	15		09-48-4154	A-41815-0270	15																																																																								
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E	A-41815-0271/0284								A-41815-0299/0312				A-41815-0313/0326																																																																										
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D		A-41815-0273	4				4		09-48-4046	A-41815-0301	4		09-48-5043	A-41815-0315	4																																																																								
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		A-41815-0276	7				7		09-48-4076	A-41815-0304	7		09-48-5073	A-41815-0318	7																																																																								
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B	WAS	A-41815-NB122-0008							WAS	A-41815-NC102-0015			WAS:	A-41815-NA563-0001		B																																																																							
A	<table><tr><td colspan="2">DIMENSIONS SHOWN (METRIC) INCH</td><td colspan="2">▽ = 0 ▼ = 0</td><td colspan="2">REVISE ONLY ON CAD SYSTEM</td></tr><tr><td colspan="6">UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .02°</td></tr><tr><td colspan="2">INCH</td><td colspan="2">METRIC</td><td colspan="2"></td></tr><tr><td>3 PLACE</td><td>±</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>2 PLACE</td><td>±</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>1 PLACE</td><td>±</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="6">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td></tr><tr><td>DRG. BY:</td><td>SAMIEC</td><td>DWG. BY:</td><td>PATEL</td><td colspan="2"></td></tr><tr><td>APP'D. BY:</td><td>LENZ</td><td>SCALE:</td><td>1:1</td><td colspan="2"></td></tr><tr><td>LTR.</td><td>REVISIONS</td><td>LTR.</td><td>REVISIONS</td><td colspan="2"></td></tr></table>														DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± .02°						INCH		METRIC				3 PLACE	±					2 PLACE	±					1 PLACE	±					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DRG. BY:	SAMIEC	DWG. BY:	PATEL			APP'D. BY:	LENZ	SCALE:	1:1			LTR.	REVISIONS	LTR.	REVISIONS															A
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