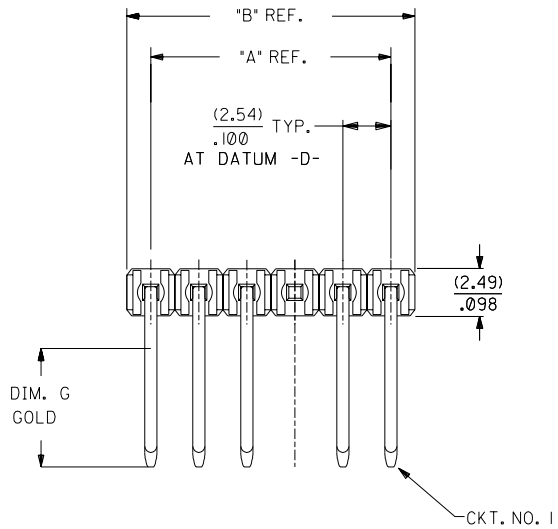
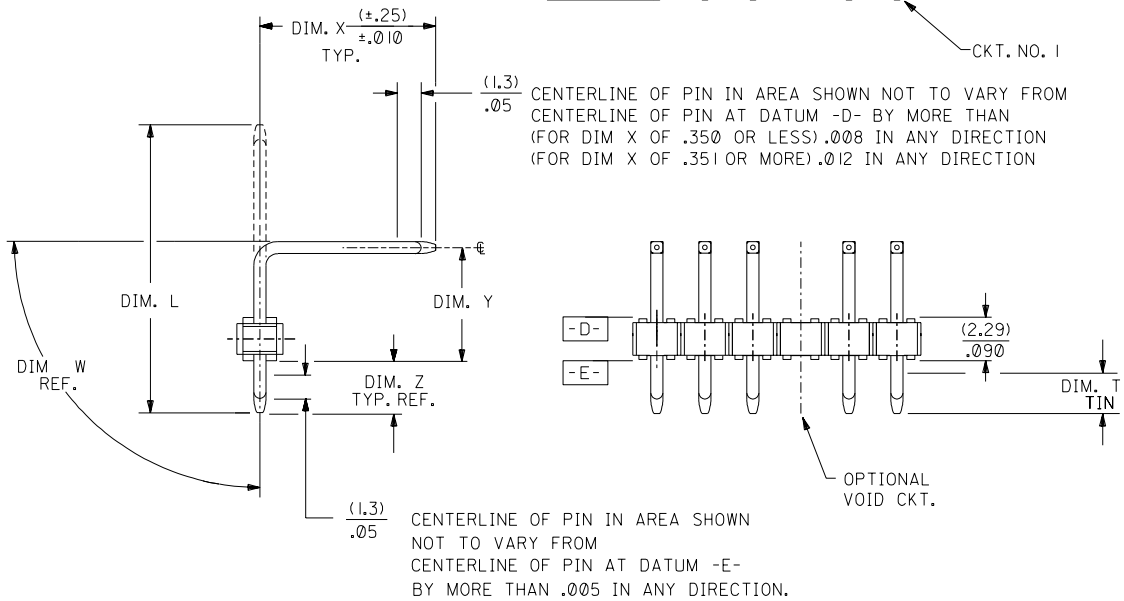
42376

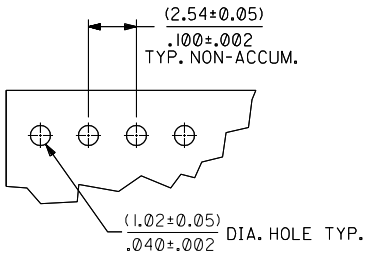
NO. OF CKTS.	DIM. A	DIM. B
2	.100 (2.54)	.200 (5.08)
3	.200 (5.08)	.300 (7.62)
4	.300 (7.62)	.400 (10.16)
5	.400 (10.16)	.500 (12.70)
6	.500 (12.70)	.600 (15.24)
7	.600 (15.24)	.700 (17.78)
8	.700 (17.78)	.800 (20.32)
9	.800 (20.32)	.900 (22.86)
10	.900 (22.86)	1.000 (25.40)
11	1.000 (25.40)	1.100 (27.94)
12	1.100 (27.94)	1.200 (30.48)
13	1.200 (30.48)	1.300 (33.02)
14	1.300 (33.02)	1.400 (35.56)
15	1.400 (35.56)	1.500 (38.10)
16	1.500 (38.10)	1.600 (40.64)
17	1.600 (40.64)	1.700 (43.18)
18	1.700 (43.18)	1.800 (45.72)
19	1.800 (45.72)	1.900 (48.26)
20	1.900 (48.26)	2.000 (50.80)
21	2.000 (50.80)	2.100 (53.34)
22	2.100 (53.34)	2.200 (55.88)
23	2.200 (55.88)	2.300 (58.42)
24	2.300 (58.42)	2.400 (60.96)
25	2.400 (60.96)	2.500 (63.50)
26	2.500 (63.50)	2.600 (66.04)
27	2.600 (66.04)	2.700 (68.58)
28	2.700 (68.58)	2.800 (71.12)
29	2.800 (71.12)	2.900 (73.66)
30	2.900 (73.66)	3.000 (76.20)
31	3.000 (76.20)	3.100 (78.74)
32	3.100 (78.74)	3.200 (81.28)
33	3.200 (81.28)	3.300 (83.82)
34	3.300 (83.82)	3.400 (86.36)
35	3.400 (86.36)	3.500 (88.90)
36	3.500 (88.90)	3.600 (91.44)

NOTES:

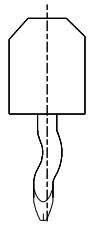
1. MATERIAL: 30% GLASS FILLED NYLON 46,94V-0 COLOR BLACK
2. PIN PUSHOUT 3 LBS. MIN.
3. SOLDERABILITY PER ES-152.
4. PLATING: CONFORMS TO SDES-88
   (159) PREPLATED TIN/LEAD .000150 MIN OVER NICKEL
   (567) SELECT GOLD .000015 MIN.
   SELECT TIN/LEAD .000100 MIN.
   OVER .000050 MIN NICKEL
   (569) SELECT GOLD .000030 MIN.
   SELECT TIN/LEAD .000100 MIN.
   OVER .000050 MIN NICKEL
5. INDIVIDUAL CIRCUIT SIZES ARE CUT FROM 36 CIRCUIT PARTS AND ARE NOT STACKABLE END TO END OF .100 CENTERS
6. PRODUCT SPECIFICATION: PS-10-07







TYP. HOLE PATTERN FOR .062 THK. PCB



KINK PIN DETAIL

MFG.	SH.	REV.	LTR.	REVISIONS
	4	I4		
	3	H		
	2	H	I4	ADD -0648/0682 UCR2002-1147 6/27/02 SAMIEC
	1	I4		

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .010	
2 PLACE	± .014	± 0.25
1 PLACE		± 0.36

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY PATEL | APP'D. BY LENZ | SCALE :

= 0 = 0 REVISE ONLY ON CAD SYSTEM

TITLE HEADER ASSY., SINGLE ROW .100 ℄ BREAKAWAY 42376 SERIES DWG

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.

SHEET NO. 1 OF 4 | DATE 9 /2 /88

PART NO. SEE CHART | DRWG. NO. SDA-42376

FILE NAME S42376X1

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

DIV. C | SIZE C

42376

ENG. NO.	HEADER NO.	PIN NO.	DIM. L	DIM. X	DIM. Y	DIM. Z	DIM. W	NO OF CKTS	DIM. G GOLD LOC.	DIM. T TIN LOC.	KINK PINS PER	VOID CKTS	PACKAGING PER PKX-****	EDP IN COL
A-42376-0212 TO -0246	42312-0002/0036	42663-BNA159 PHOS BRONZE	.615 (15.62)	.361 (9.17)	.142 (3.61)	.135 (3.43)	90°	2-36	N/A ( )	OVERALL ( )	SMES-42003	NONE	BULK PER 40873-0041	1
A-42376-0247 TO -0281	42312-0002/0036	42663-BNB567 PHOS BRONZE	.615 (15.62)	.361 (9.17)	.142 (3.61)	.135 (3.43)	90°	2-36	.180 (4.57)	.135 (3.43)	SMES-42003	NONE	BULK PER 40873-0041	2
A-42376-0282 TO -0316	42312-0002/0036	42663-BNB569 PHOS BRONZE	.615 (15.62)	.361 (9.17)	.142 (3.61)	.135 (3.43)	90°	2-36	.180 (4.57)	.135 (3.43)	SMES-42003	NONE	BULK PER 40873-0041	3
A-42376-0317 TO -0351	42312-0002/0036	42663-DAA159 PHOS BRONZE	.765 (19.43)	.405 (10.29)	.248 (6.30)	.135 (3.43)	90°	2-36	N/A ( )	OVERALL ( )	SMES-42003	NONE	BULK PER 40873-0041	4
A-42376-0352 TO -0386	42312-0002/0036	42663-DAB567 PHOS BRONZE	.765 (19.43)	.405 (10.29)	.248 (6.30)	.135 (3.43)	90°	2-36	.180 (4.57)	.135 (3.43)	SMES-42003	NONE	BULK PER 40873-0041	5
A-42376-0387 TO -0421	42312-0002/0036	42663-DAB569 PHOS BRONZE	.765 (19.43)	.405 (10.29)	.248 (6.30)	.135 (3.43)	90°	2-36	.180 (4.57)	.135 (3.43)	SMES-42003	NONE	BULK PER 40873-0041	6

42376

COLUMN NO. 1			COLUMN NO. 2			COLUMN NO. 3			COLUMN NO. 4			COLUMN NO. 5			COLUMN NO. 6		
EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS	EDP NO.	ENG. NO.	NO OF CKTS
22-28-7020	A-42376-0212	2	22-28-7022	A-42376-0247	2	22-28-7024	A-42376-0282	2	22-28-7021	A-42376-0317	2	22-28-7023	A-42376-0352	2	22-28-7025	A-42376-0387	2
22-28-7030	A-42376-0213	3	22-28-7032	A-42376-0248	3	22-28-7034	A-42376-0283	3	22-28-7031	A-42376-0318	3	22-28-7033	A-42376-0353	3	22-28-7035	A-42376-0388	3
22-28-7040	A-42376-0214	4	22-28-7042	A-42376-0249	4	22-28-7044	A-42376-0284	4	22-28-7041	A-42376-0319	4	22-28-7043	A-42376-0354	4	22-28-7045	A-42376-0389	4
22-28-7050	A-42376-0215	5	22-28-7052	A-42376-0250	5	22-28-7054	A-42376-0285	5	22-28-7051	A-42376-0320	5	22-28-7053	A-42376-0355	5	22-28-7055	A-42376-0390	5
22-28-7060	A-42376-0216	6	22-28-7062	A-42376-0251	6	22-28-7064	A-42376-0286	6	22-28-7061	A-42376-0321	6	22-28-7063	A-42376-0356	6	22-28-7065	A-42376-0391	6
22-28-7070	A-42376-0217	7	22-28-7072	A-42376-0252	7	22-28-7074	A-42376-0287	7	22-28-7071	A-42376-0322	7	22-28-7073	A-42376-0357	7	22-28-7075	A-42376-0392	7
22-28-7080	A-42376-0218	8	22-28-7082	A-42376-0253	8	22-28-7084	A-42376-0288	8	22-28-7081	A-42376-0323	8	22-28-7083	A-42376-0358	8	22-28-7085	A-42376-0393	8
22-28-7090	A-42376-0219	9	22-28-7092	A-42376-0254	9	22-28-7094	A-42376-0289	9	22-28-7091	A-42376-0324	9	22-28-7093	A-42376-0359	9	22-28-7095	A-42376-0394	9
22-28-7100	A-42376-0220	10	22-28-7102	A-42376-0255	10	22-28-7104	A-42376-0290	10	22-28-7101	A-42376-0325	10	22-28-7103	A-42376-0360	10	22-28-7105	A-42376-0395	10
22-28-7110	A-42376-0221	11	22-28-7112	A-42376-0256	11	22-28-7114	A-42376-0291	11	22-28-7111	A-42376-0326	11	22-28-7113	A-42376-0361	11	22-28-7115	A-42376-0396	11
22-28-7120	A-42376-0222	12	22-28-7122	A-42376-0257	12	22-28-7124	A-42376-0292	12	22-28-7121	A-42376-0327	12	22-28-7123	A-42376-0362	12	22-28-7125	A-42376-0397	12
22-28-7130	A-42376-0223	13	22-28-7132	A-42376-0258	13	22-28-7134	A-42376-0293	13	22-28-7131	A-42376-0328	13	22-28-7133	A-42376-0363	13	22-28-7135	A-42376-0398	13
22-28-7140	A-42376-0224	14	22-28-7142	A-42376-0259	14	22-28-7144	A-42376-0294	14	22-28-7141	A-42376-0329	14	22-28-7143	A-42376-0364	14	22-28-7145	A-42376-0399	14
22-28-7150	A-42376-0225	15	22-28-7152	A-42376-0260	15	22-28-7154	A-42376-0295	15	22-28-7151	A-42376-0330	15	22-28-7153	A-42376-0365	15	22-28-7155	A-42376-0400	15
22-28-7160	A-42376-0226	16	22-28-7162	A-42376-0261	16	22-28-7164	A-42376-0296	16	22-28-7161	A-42376-0331	16	22-28-7163	A-42376-0366	16	22-28-7165	A-42376-0401	16
22-28-7170	A-42376-0227	17	22-28-7172	A-42376-0262	17	22-28-7174	A-42376-0297	17	22-28-7171	A-42376-0332	17	22-28-7173	A-42376-0367	17	22-28-7175	A-42376-0402	17
22-28-7180	A-42376-0228	18	22-28-7182	A-42376-0263	18	22-28-7184	A-42376-0298	18	22-28-7181	A-42376-0333	18	22-28-7183	A-42376-0368	18	22-28-7185	A-42376-0403	18
22-28-7190	A-42376-0229	19	22-28-7192	A-42376-0264	19	22-28-7194	A-42376-0299	19	22-28-7191	A-42376-0334	19	22-28-7193	A-42376-0369	19	22-28-7195	A-42376-0404	19
22-28-7200	A-42376-0230	20	22-28-7202	A-42376-0265	20	22-28-7204	A-42376-0300	20	22-28-7201	A-42376-0335	20	22-28-7203	A-42376-0370	20	22-28-7205	A-42376-0405	20
22-28-7210	A-42376-0231	21	22-28-7212	A-42376-0266	21	22-28-7214	A-42376-0301	21	22-28-7211	A-42376-0336	21	22-28-7213	A-42376-0371	21	22-28-7215	A-42376-0406	21
22-28-7220	A-42376-0232	22	22-28-7222	A-42376-0267	22	22-28-7224	A-42376-0302	22	22-28-7221	A-42376-0337	22	22-28-7223	A-42376-0372	22	22-28-7225	A-42376-0407	22
22-28-7230	A-42376-0233	23	22-28-7232	A-42376-0268	23	22-28-7234	A-42376-0303	23	22-28-7231	A-42376-0338	23	22-28-7233	A-42376-0373	23	22-28-7235	A-42376-0408	23
22-28-7240	A-42376-0234	24	22-28-7242	A-42376-0269	24	22-28-7244	A-42376-0304	24	22-28-7241	A-42376-0339	24	22-28-7243	A-42376-0374	24	22-28-7245	A-42376-0409	24
22-28-7250	A-42376-0235	25	22-28-7252	A-42376-0270	25	22-28-7254	A-42376-0305	25	22-28-7251	A-42376-0340	25	22-28-7253	A-42376-0375	25	22-28-7255	A-42376-0410	25
22-28-7260	A-42376-0236	26	22-28-7262	A-42376-0271	26	22-28-7264	A-42376-0306	26	22-28-7261	A-42376-0341	26	22-28-7263	A-42376-0376	26	22-28-7265	A-42376-0411	26
22-28-7270	A-42376-0237	27	22-28-7272	A-42376-0272	27	22-28-7274	A-42376-0307	27	22-28-7271	A-42376-0342	27	22-28-7273	A-42376-0377	27	22-28-7275	A-42376-0412	27
22-28-7280	A-42376-0238	28	22-28-7282	A-42376-0273	28	22-28-7284	A-42376-0308	28	22-28-7281	A-42376-0343	28	22-28-7283	A-42376-0378	28	22-28-7285	A-42376-0413	28
22-28-7290	A-42376-0239	29	22-28-7292	A-42376-0274	29	22-28-7294	A-42376-0309	29	22-28-7291	A-42376-0344	29	22-28-7293	A-42376-0379	29	22-28-7295	A-42376-0414	29
22-28-7300	A-42376-0240	30	22-28-7302	A-42376-0275	30	22-28-7304	A-42376-0310	30	22-28-7301	A-42376-0345	30	22-28-7303	A-42376-0380	30	22-28-7305	A-42376-0415	30
22-28-7310	A-42376-0241	31	22-28-7312	A-42376-0276	31	22-28-7314	A-42376-0311	31	22-28-7311	A-42376-0346	31	22-28-7313	A-42376-0381	31	22-28-7315	A-42376-0416	31
22-28-7320	A-42376-0242	32	22-28-7322	A-42376-0277	32	22-28-7324	A-42376-0312	32	22-28-7321	A-42376-0347	32	22-28-7323	A-42376-0382	32	22-28-7325	A-42376-0417	32
22-28-7330	A-42376-0243	33	22-28-7332	A-42376-0278	33	22-28-7334	A-42376-0313	33	22-28-7331	A-42376-0348	33	22-28-7333	A-42376-0383	33	22-28-7335	A-42376-0418	33
22-28-7340	A-42376-0244	34	22-28-7342	A-42376-0279	34	22-28-7344	A-42376-0314	34	22-28-7341	A-42376-0349	34	22-28-7343	A-42376-0384	34	22-28-7345	A-42376-0419	34
22-28-7350	A-42376-0245	35	22-28-7352	A-42376-0280	35	22-28-7354	A-42376-0315	35	22-28-7351	A-42376-0350	35	22-28-7353	A-42376-0385	35	22-28-7355	A-42376-0420	35
22-28-7360	A-42376-0246	36	22-28-7362	A-42376-0281	36	22-28-7364	A-42376-0316	36	22-28-7361	A-42376-0351	36	22-28-7363	A-42376-0386	36	22-28-7365	A-42376-0421	36

42376

STANDARD PRODUCT
WITH KINKS

LTR.	REVISIONS	LTR.	REVISIONS
	SEE SHEET 1	G1	SEE SHEET 1
	SEE SHEET 1	E	SEE SHEET 1
	SEE SHEET 1	C	SEE SHEET 1
	SEE SHEET 1	A	SEE SHEET 1
	SEE SHEET 1	5	SEE SHEET 1
	SEE SHEET 1	4	SEE SHEET 1
H	SEE SHEET 1	3	SEE SHEET 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	±	
2 PLACE	±	±
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS CHK'D BY PATEL
APP'D. BY LENZ SCALE :

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE HEADER ASSY., SINGLE ROW .100 ℄ BREAKAWAY 42376 SERIES DWG

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.

SHEET NO. 3 DATE 12/22/89

PART NO. SEE CHART DRWG. NO. SDA-42376

FILE NAME S42376X3

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DIV. C SIZE C