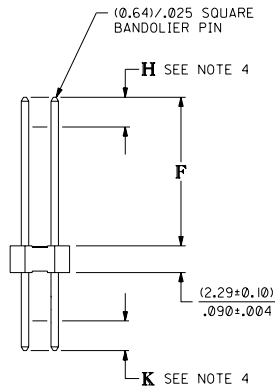


**RECOMMENDED P.C. BOARD LAYOUT**



CKT. SIZE	DIMENSION A		DIMENSION B	
	(MM)	(INCH)	(MM)	(INCH)
4	(2.54)	.100	(4.83)	.190
6	(5.08)	.200	(7.37)	.290
8	(7.62)	.300	(9.91)	.390
10	(10.16)	.400	(12.45)	.490
12	(12.70)	.500	(14.99)	.590
14	(15.24)	.600	(17.53)	.690
16	(17.78)	.700	(20.07)	.790
18	(20.32)	.800	(22.61)	.890
20	(22.86)	.900	(25.15)	.990
22	(25.40)	1.000	(27.69)	1.090
24	(27.94)	1.100	(30.23)	1.190
26	(30.48)	1.200	(32.77)	1.290
28	(33.02)	1.300	(35.31)	1.390
30	(35.56)	1.400	(37.85)	1.490
32	(38.10)	1.500	(40.39)	1.590
34	(40.64)	1.600	(42.93)	1.690
36	(43.18)	1.700	(45.47)	1.790
38	(45.72)	1.800	(48.01)	1.890
40	(48.26)	1.900	(50.55)	1.990
42	(50.80)	2.000	(53.09)	2.090
44	(53.34)	2.100	(55.63)	2.190
46	(55.88)	2.200	(58.17)	2.290
48	(58.42)	2.300	(60.71)	2.390
50	(60.96)	2.400	(63.25)	2.490
52	(63.50)	2.500	(65.79)	2.590
54	(66.04)	2.600	(68.33)	2.690
56	(68.58)	2.700	(70.87)	2.790
58	(71.12)	2.800	(73.41)	2.890
60	(73.66)	2.900	(75.95)	2.990
62	(76.20)	3.000	(78.49)	3.090
64	(78.74)	3.100	(81.03)	3.190
66	(81.28)	3.200	(83.57)	3.290
68	(83.82)	3.300	(86.11)	3.390
70	(86.36)	3.400	(88.65)	3.490
72	(88.90)	3.500	(91.19)	3.590
74	(91.44)	3.600	(93.73)	3.690
76	(93.98)	3.700	(96.27)	3.790
78	(96.52)	3.800	(98.81)	3.890
80	(99.06)	3.900	(101.35)	3.990

**NOTES:**

- PIN PUSHOUT FORCE: 4 LBS. MINIMUM (IN EITHER DIRECTION)
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- PINS MUST MEET MOLEX SOLDERABILITY SPECIFICATION ES-152, EXCEPT VOIDS ARE PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE (APPROX. .025 LONG X .006 WIDE REF.- 2 LOCATIONS).
- MEASURE POINT FOR PLATING THICKNESS.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-8624.
- PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES) PER PACKAGING DRAWING NO. PK-70873-0353 BULK PACKAGED IN BAGS

**MATERIAL:**

- WAFER - GLASS FILLED POLYESTER; UL94V-0; COLOR: BLACK
- PIN - PHOSPHOR BRONZE

**PLATING:**

- TIN - .000150 MINIMUM TIN PLATE OVER .000050 MINIMUM NICKEL PLATE.
- 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- D30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREAS OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 5 GOLD - .000005 MINIMUM GOLD FLASH IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.

\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

SALES ASSY-DUAL ROW WAFER W/BREAK-OFF OPTION .025 SQ. PINS / 100 GRID

MOLEX INCORPORATED

SEE CHARTS SDA-8624-000-1-5000

DATE: 11/30/88

DRG. NO. 68532

FILE NAME: S8624X1

SCALE: 4:1

NO. DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

REV.	DATE	DESCRIPTION
7	P	LEAD FREE
6	P	ADD A-8624-1246
5	P	ECN #UCP2004-0823
4	P	DMORGAN 03/10/28
3	P	ADD A-8624-1325
2	P	ECN #UCP2004-0001
1	P	DMORGAN 03/07/17
		ADD 086241275 S.S
		ECN #UCP2003-2236
		DMORGAN 98/12/02
		ADD A-8624-1253
		ECN #UT-0642
		MCFARLAN 97/1/3
		REVISED
		PER ECN #U70416
		SCARTH 96/12/04
		REVISED
		PER ECN #U73000
		BARKER 10/28/96
		REVISED
		PER ECN #U61415
		05/10/96 TSE
		REVISED PLATE 588
		PER ECN #U60307
		96/02/01 BMS
		CHANGED PACKAGING
		PER ECN #U60549
		11-03-95 DB/BJS
		ADDED -1201/-1240
		PER ECN #U60344
		09/11/95
		ADDED EDP NO'S
		PER ECN # U60272
		95/08/25 CAC
		ADDED EDP -8032
		PER ECN #U5132
		95/06/29 CAC
		CHANGED PIN DIMEN
		PER ECN #U50305
		10-04-94 BJS
		ADDED -0681/-0720
		PER ECN #U50188
		09-09-94 BJS
		REVISED NOTE #6
		PER ECN #U40840
		06/16/94 BARKER
		ADDED -09288-0933
		PER ECN #U40853
		05/27/94 BJS
		DELETED/ADDED EDP'S
		PER ECN # U40295
		03/01/94 REED
		ADDED EDP NOS.
		PER ECN # U31521
		10/15/93 REED
		REVISED
		PER ECN # U30395
		05/17/93 REED
		RELEASED
		PER ECN # U30114
		02/03/93 MGB
		REVISED
		PER ECN # U30114
		02/03/93 MGB

		13	12	11	10	9	8	7	6	8624		4	3	2	1	
ENGINEERING NUMBER A-8624	RELEASE FOR MANUFACTURE						C ± (0.38) .105	E ± (0.25) .10	F ± (0.25) .10	PLATING PER NOTES SHEET 1	CONNECTOR END PLATING		P.C. BOARD END PLATING		FOR PACKAGING INFORMATION, SEE NOTE 6, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)	
		TYPE		H MEAS.	TYPE		K MEAS.									
-0001/-0040	R.F.M.						(2.72) .107	(11.10) .437	(6.10) .240	TIN	TIN	(2.54) .100	TIN	(1.27) .050		
-0041/-0080	R.F.M.						(2.72) .107	(11.10) .437	(6.10) .240	15 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050		
-0081/-0120	R.F.M.						(2.72) .107	(11.10) .437	(6.10) .240	30 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050		
-0121/-0160	R.F.M.						(2.72) .107	(11.10) .437	(6.10) .240	TIN	TIN	(2.54) .100	TIN	(1.27) .050	PK-70873-0090 (TUBE)	
-0161/-0200	R.F.M.						(4.45) .175	(12.83) .505	(6.10) .240	TIN	TIN	(2.54) .100	TIN	(1.27) .050		
-0201/-0240	R.F.M.						(4.45) .175	(12.83) .505	(6.10) .240	15 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050		
-0241/-0280	R.F.M.						(4.45) .175	(12.83) .505	(6.10) .240	30 GOLD	GOLD	(2.54) .100	TIN	(1.27) .050		

CKTS	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	CKTS
02	N.A.	A-8624-0001	N.A.	A-8624-0041	N.A.	A-8624-0081	N.A.	A-8624-0121	N.A.	A-8624-0161	N.A.	A-8624-0201	N.A.	A-8624-0241	N.A.	A-8624-0281	02
04	10-88-1041	A-8624-0002	10-89-1041	A-8624-0042	10-89-2041	A-8624-0082	10-89-3064	A-8624-0122	10-88-1042	A-8624-0162	10-89-1042	A-8624-0202	10-89-2042	A-8624-0242	10-89-3062	A-8624-0282	04
06	10-88-1061	A-8624-0003	10-89-1061	A-8624-0043	10-89-2061	A-8624-0083	10-89-3064	A-8624-0123	10-88-1062	A-8624-0163	10-89-1062	A-8624-0203	10-89-2062	A-8624-0243	10-89-3062	A-8624-0282	06
08	10-88-1081	A-8624-0004	10-89-1081	A-8624-0044	10-89-2081	A-8624-0084	10-89-3104	A-8624-0124	10-88-1082	A-8624-0164	10-89-1082	A-8624-0204	10-89-2082	A-8624-0244	10-89-3062	A-8624-0282	08
10	10-88-1101	A-8624-0005	10-89-1101	A-8624-0045	10-89-2101	A-8624-0085	10-89-3104	A-8624-0125	10-88-1102	A-8624-0165	10-89-1102	A-8624-0205	10-89-2102	A-8624-0245	10-89-3062	A-8624-0282	10
12	10-88-1121	A-8624-0006	10-89-1121	A-8624-0046	10-89-2121	A-8624-0086	10-89-3104	A-8624-0126	10-88-1122	A-8624-0166	10-89-1122	A-8624-0206	10-89-2122	A-8624-0246	10-89-3062	A-8624-0282	12
14	10-88-1141	A-8624-0007	10-89-1141	A-8624-0047	10-89-2141	A-8624-0087	10-89-3104	A-8624-0127	10-88-1142	A-8624-0167	10-89-1142	A-8624-0207	10-89-2142	A-8624-0247	10-89-3062	A-8624-0282	14
16	10-88-1161	A-8624-0008	10-89-1161	A-8624-0048	10-89-2161	A-8624-0088	10-89-3104	A-8624-0128	10-88-1162	A-8624-0168	10-89-1162	A-8624-0208	10-89-2162	A-8624-0248	10-89-3062	A-8624-0282	16
18	10-88-1181	A-8624-0009	10-89-1181	A-8624-0049	10-89-2181	A-8624-0089	10-89-3104	A-8624-0129	10-88-1182	A-8624-0169	10-89-1182	A-8624-0209	10-89-2182	A-8624-0249	10-89-3062	A-8624-0282	18
20	10-88-1201	A-8624-0010	10-89-1201	A-8624-0050	10-89-2201	A-8624-0090	10-89-3104	A-8624-0130	10-88-1202	A-8624-0170	10-89-1202	A-8624-0210	10-89-2202	A-8624-0250	10-89-3062	A-8624-0282	20
22	10-88-1221	A-8624-0011	10-89-1221	A-8624-0051	10-89-2221	A-8624-0091	10-89-3104	A-8624-0131	10-88-1222	A-8624-0171	10-89-1222	A-8624-0211	10-89-2222	A-8624-0251	10-89-3062	A-8624-0282	22
24	10-88-1241	A-8624-0012	10-89-1241	A-8624-0052	10-89-2241	A-8624-0092	10-89-3104	A-8624-0132	10-88-1242	A-8624-0172	10-89-1242	A-8624-0212	10-89-2242	A-8624-0252	10-89-3062	A-8624-0282	24
26	10-88-1261	A-8624-0013	10-89-1261	A-8624-0053	10-89-2261	A-8624-0093	10-89-3104	A-8624-0133	10-88-1262	A-8624-0173	10-89-1262	A-8624-0213	10-89-2262	A-8624-0253	10-89-3062	A-8624-0282	26
28	10-88-1281	A-8624-0014	10-89-1281	A-8624-0054	10-89-2281	A-8624-0094	10-89-3104	A-8624-0134	10-88-1282	A-8624-0174	10-89-1282	A-8624-0214	10-89-2282	A-8624-0254	10-89-3062	A-8624-0282	28
30	10-88-1301	A-8624-0015	10-89-1301	A-8624-0055	10-89-2301	A-8624-0095	10-89-3104	A-8624-0135	10-88-1302	A-8624-0175	10-89-1302	A-8624-0215	10-89-2302	A-8624-0255	10-89-3062	A-8624-0282	30
32	10-88-1321	A-8624-0016	10-89-1321	A-8624-0056	10-89-2321	A-8624-0096	10-89-3104	A-8624-0136	10-88-1322	A-8624-0176	10-89-1322	A-8624-0216	10-89-2322	A-8624-0256	10-89-3062	A-8624-0282	32
34	10-88-1341	A-8624-0017	10-89-1341	A-8624-0057	10-89-2341	A-8624-0097	10-89-3104	A-8624-0137	10-88-1342	A-8624-0177	10-89-1342	A-8624-0217	10-89-2342	A-8624-0257	10-89-3062	A-8624-0282	34
36	10-88-1361	A-8624-0018	10-89-1361	A-8624-0058	10-89-2361	A-8624-0098	10-89-3104	A-8624-0138	10-88-1362	A-8624-0178	10-89-1362	A-8624-0218	10-89-2362	A-8624-0258	10-89-3062	A-8624-0282	36
38	10-88-1381	A-8624-0019	10-89-1381	A-8624-0059	10-89-2381	A-8624-0099	10-89-3104	A-8624-0139	10-88-1382	A-8624-0179	10-89-1382	A-8624-0219	10-89-2382	A-8624-0259	10-89-3062	A-8624-0282	38
40	10-88-1401	A-8624-0020	10-89-1401	A-8624-0060	10-89-2401	A-8624-0100	10-89-3104	A-8624-0140	10-88-1402	A-8624-0180	10-89-1402	A-8624-0220	10-89-2402	A-8624-0260	10-89-3062	A-8624-0282	40
42	10-88-1421	A-8624-0021	10-89-1421	A-8624-0061	10-89-2421	A-8624-0101	10-89-3104	A-8624-0141	10-88-1422	A-8624-0181	10-89-1422	A-8624-0221	10-89-2422	A-8624-0261	10-89-3062	A-8624-0282	42
44	10-88-1441	A-8624-0022	10-89-1441	A-8624-0062	10-89-2441	A-8624-0102	10-89-3104	A-8624-0142	10-88-1442	A-8624-0182	10-89-1442	A-8624-0222	10-89-2442	A-8624-0262	10-89-3062	A-8624-0282	44
46	10-88-1461	A-8624-0023	10-89-1461	A-8624-0063	10-89-2461	A-8624-0103	10-89-3104	A-8624-0143	10-88-1462	A-8624-0183	10-89-1462	A-8624-0223	10-89-2462	A-8624-0263	10-89-3062	A-8624-0282	46
48	10-88-1481	A-8624-0024	10-89-1481	A-8624-0064	10-89-2481	A-8624-0104	10-89-3104	A-8624-0144	10-88-1482	A-8624-0184	10-89-1482	A-8624-0224	10-89-2482	A-8624-0264	10-89-3062	A-8624-0282	48
50	10-88-1501	A-8624-0025	10-89-1501	A-8624-0065	10-89-2501	A-8624-0105	10-89-3104	A-8624-0145	10-88-1502	A-8624-0185	10-89-1502	A-8624-0225	10-89-2502	A-8624-0265	10-89-3062	A-8624-0282	50
52	10-88-1521	A-8624-0026	10-89-1521	A-8624-0066	10-89-2521	A-8624-0106	10-89-3104	A-8624-0146	10-88-1522	A-8624-0186	10-89-1522	A-8624-0226	10-89-2522	A-8624-0266	10-89-3062	A-8624-0282	52
54	10-88-1541	A-8624-0027	10-89-1541	A-8624-0067	10-89-2541	A-8624-0107	10-89-3104	A-8624-0147	10-88-1542	A-8624-0187	10-89-1542	A-8624-0227	10-89-2542	A-8624-0267	10-89-3062	A-8624-0282	54
56	10-88-1561	A-8624-0028	10-89-1561	A-8624-0068	10-89-2561	A-8624-0108	10-89-3104	A-8624-0148	10-88-1562	A-8624-0188	10-89-1562	A-8624-0228	10-89-2562	A-8624-0268	10-89-3062	A-8624-0282	56
58	10-88-1581	A-8624-0029	10-89-1581	A-8624-0069	10-89-2581	A-8624-0109	10-89-3104	A-8624-0149	10-88-1582	A-8624-0189	10-89-1582	A-8624-0229	10-89-2582	A-8624-0269	10-89-3062	A-8624-0282	58
60	10-88-1601	A-8624-0030	10-89-1601	A-8624-0070	10-89-2601	A-8624-0110	10-89-3104	A-8624-0150	10-88-1602	A-8624-0190	10-89-1602	A-8624-0230	10-89-2602	A-8624-0270	10-89-3062	A-8624-0282	60
62	10-88-1621	A-8624-0031	10-89-1621	A-8624-0071	10-89-2621	A-8624-0111	10-89-3104	A-8624-0151	10-88-1622	A-8624-0191	10-89-1622	A-8624-0231	10-89-2622	A-8624-0271	10-89-3062	A-8624-0282	62
64	10-88-1641	A-8624-0032	10-89-1641	A-8624-0072	10-89-2641	A-8624-0112	10-89-3104	A-8624-0152	10-88-1642	A-8624-0192	10-89-1642	A-8624-0232	10-89-2642	A-8624-0272	10-89-3062	A-8624-0282	64
66	10-88-1661	A-8624-0033	10-89-1661	A-8624-0073	10-89-2661	A-8624-0113	10-89-3104	A-8624-0153	10-88-1662	A-8624-0193	10-89-1662	A-8624-0233	10-89-2662	A-8624-0273	10-89-3062	A-8624-0282	66
68	10-88-1681	A-8624-0034	10-89-1681	A-8624-0074	10-89-2681	A-8624-0114	10-89-3104	A-8624-0154	10-88-1682	A-8624-0194	10-89-1682	A-8624-0234	10-89-2682	A-8624-0274	10-89-3062	A-8624-0282	68
70	10-88-1701	A-8624-0035	10-89-1701	A-8624-0075	10-89-2701	A-8624-0115	10-89-3104	A-8624-0155	10-88-1702	A-8624-0195	10-89-1702	A-8624-0235	10-89-2702	A-8624-0275	10-89-3062	A-8624-0282	70
72	10-88-1721	A-8624-0036	10-89-1721	A-8624-0076	10-89-2721	A-8624-0116	10-89-3104	A-8624-0156	10-88-1722	A-8624-0196	10-89-1722	A-8624-0236	10-89-2722	A-8624-0276	10-89-3062	A-8624-0282	72
74	10-88-1741	A-8624-0037	10-89-1741	A-8624-0077	10-89-2741	A-8624-0117	10-89-3104	A-8624-0157	10-88-1742	A-8624-0197	10-89-1742	A-8624-0237	10-89-2742	A-8624-0277	10-89-3062	A-8624-0282	74
76	10-88-1761	A-8624-0038	10-89-1761	A-8624-0078	10-89-2761	A-8624-0118	10-89-3104	A-8624-0158	10-88-1762	A-8624-0198	10-89-1762	A-8624-0238	10-89-2762	A-8624-0278	10-89-3062	A-8624-0282	76
78	10-88-1781	A-8624-0039	10-89-1781	A-8624-0079	10-89-2781	A-8624-0119	10-89-3104	A-8624-0159	10-88-1782	A-8624-0199							