



**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:**

- 1 - PIN PUSHOUT FORCE: 4 LBS. MINIMUM (IN EITHER DIRECTION)
- 2 - FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- 3 - 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).
- 4 - MEASURE POINT FOR PLATING THICKNESS.
- 5 - THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-8624.
- 6 - PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES) PER PACKAGING DRAWING NO. PK-70873-0353 BULK PACKAGED IN BAGS

**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.

**MATERIAL:**

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

\*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.

DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0		= 0		REVISE ONLY ON CAD SYSTEM	
3 PLACE ± .005		INCH		METRIC		TITLE	
2 PLACE ± .01 ± 0.13						SALES ASSY-DUAL ROW WAFER W/BREAK-OFF OPTION .025 SQ. PINS/.100 GRID	
1 PLACE ± 0.25						MOLEX INCORPORATED SHEET NO. DATE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		LITSE,ILL. 60532 U.S.A.		1 OF 7		11/30/88	
DRWG. BY: EIK		CHK'D. BY: AAB		PART NO.		DRWG. NO.	
APP'D. BY: WAZ		SCALE: 4 : 1		FILE NAME: S8624X1		SEE CHARTS SDA-8624-0001-5000	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DA   C	

P	LEAD FREE UCP2004-1770 RWHITE 04/04/23
O	ADD A-8624-1246 ECR #UCP2003-2236 DMORGAN 03/10/28
N	ADD A-8624-1325 ECR #UCP2004-0001 DMORGAN 03/07/17
M	ADD 086241275 S.6 ECR #UCP2003-2236 RWHITE 03/04/17
LI	ADDED TOLERANCES ECR #UDT1999-0410 DMORGAN 98/12/02
L	ADD NEW 8 CKT OPT ECR #UDT1999-0206 DMORGAN 98/09/16
K	CREATED SHEET 7 ECR #UB0308 MCCRATH 97/07/15
JI	ADD A-8624-1253 ECR #U7-0642 MCFARLAN 97/11/3
J	REVISD PER ECR #U0416 SCARTH 96/12/04
I	REVISD PER ECR NO U73000 BARKER 10/28/96
H	REVISD PER ECR NO U61415 TSE 05/10/96
G	REVISD PLATE 588 PER ECR NO U60907 96/02/01 BMS
F	CHANGED PACKAGING PER ECR NO U160549 11-03-95 DB/BJS
E3	ADDED -1201/-1240 PER ECR NO U60344 09-11-95 BJS
E2	ADDED EDP NO'S PER ECR # U60272 95/08/25 CAC
E1	ADDED EDP - 8032 PER ECR #U51312 95/06/29 CAC
E	CHANGED PIN DIMEN PER ECR NO U50305 10-04-94 BJS
D1	ADDED -0681/-0720 PER ECR NO U50168 09-09-94 BJS
D	REVISD NOTE #6 PER ECR #U40640 06/16/94 BARKER
C1	ADDED -09288-0933 PER ECR #U40683 05/27/94 REED
C	DELETED/ADDED EDP'S PER ECR #U40295 03/01/94 REED
BI	ADDED EDP NOS. PER ECR # U31521 10/15/93 REED
B	REVISD PER ECR # U30385 05/17/93 REED
A	RELEASED PER ECR # U30114 02/03/93 MGB

