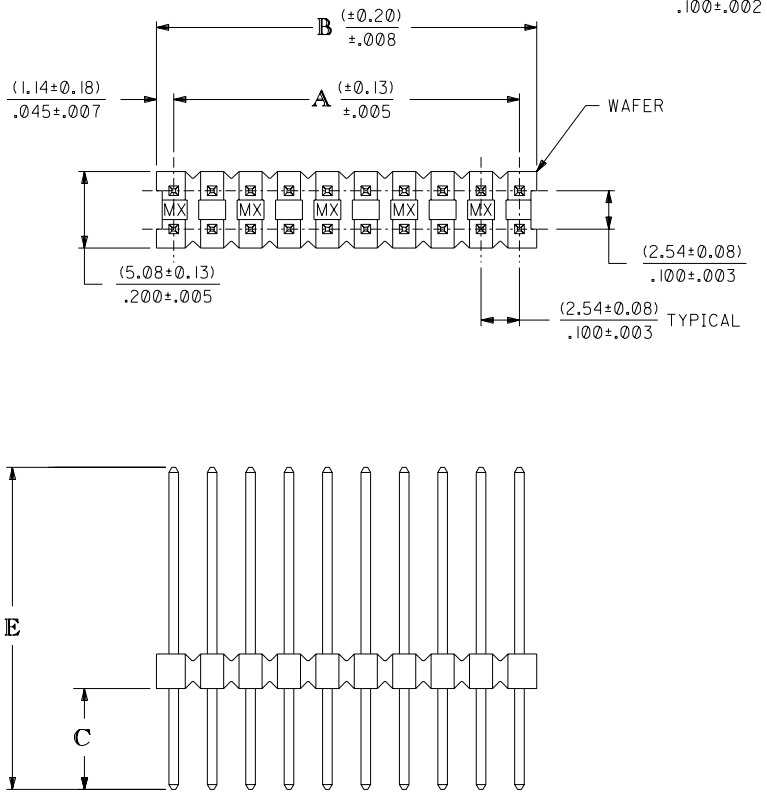
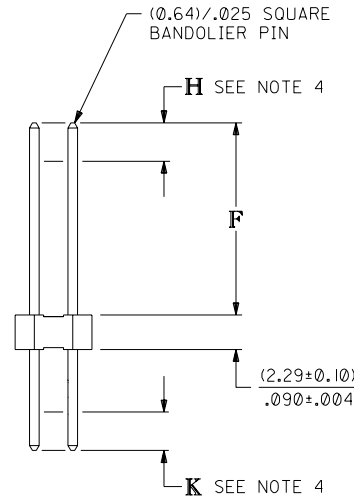




RECOMMENDED P.C. BOARD LAYOUT



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.

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

DIMENSIONS SHOWN (METRIC) INCH		UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°	
INCH		METRIC	
3 PLACE	± .005		
2 PLACE	± .01	± 0.13	
1 PLACE		± 0.25	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
DRWG. BY: EIK	CHK'D. BY: AAB		
APPROV. BY: WAZ	SCALE: 4 : 1		
FILE NAME: 58624X1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

SALES ASSY-DUAL ROW WAFER W/BREAK-OFF OPTION .025 SQ. PINS/.100 GRID	
MOLEX INCORPORATED	SHEET NO. 1 OF 7
DATE: 11/30/88	
SEE CHARTS: SDA-8624-0001-5000	

7	P	
6	P	
5	P	
4	P	
3	P	
2	P	
1	P	

MFG.	SH.	REV.	LTR.	REVISIONS

I3		I2		I1		I0		9		8		7		6		8624		4		3		2		1	
ENGINEERING NUMBER A-8624		RELEASE FOR MANUFACTURE						C ± (0.38) .015		E ± (0.25) .010		F ± (0.25) .010		PLATING PER NOTES SHEET 1		CONNECTOR END PLATING		H MEAS.		P.C. BOARD END PLATING		K MEAS.		FOR PACKAGING INFORMATION, SEE NOTE 6, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)	
																TYPE				TYPE					
-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	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	N.A.	A-8624-0321	N.A.	A-8624-0361	N.A.	A-8624-0401	N.A.	A-8624-0441	02
04	10-88-1041	A-8624-0002	10-89-1041	A-8624-0042	10-89-2041	A-8624-0082		A-8624-0122	10-88-1042	A-8624-0162	10-89-1042	A-8624-0202	10-89-2042	A-8624-0242	10-89-2042	A-8624-0282	10-89-2042	A-8624-0322	10-89-2042	A-8624-0362	10-89-2042	A-8624-0402	10-89-2042	A-8624-0442	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	10-89-2062	A-8624-0283	10-89-2062	A-8624-0323	10-89-2062	A-8624-0363	10-89-2062	A-8624-0403	10-89-2062	A-8624-0443	06
08	10-88-1081	A-8624-0004	10-89-1081	A-8624-0044	10-89-2081	A-8624-0084		A-8624-0124	10-88-1082	A-8624-0164	10-89-1082	A-8624-0204	10-89-2082	A-8624-0244	10-89-2082	A-8624-0284	10-89-2082	A-8624-0324	10-89-2082	A-8624-0364	10-89-2082	A-8624-0404	10-89-2082	A-8624-0444	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	10-89-2102	A-8624-0285	10-89-2102	A-8624-0325	10-89-2102	A-8624-0365	10-89-2102	A-8624-0405	10-89-2102	A-8624-0445	10
12	10-88-1121	A-8624-0006	10-89-1121	A-8624-0046	10-89-2121	A-8624-0086		A-8624-0126	10-88-1122	A-8624-0166	10-89-1122	A-8624-0206	10-89-2122	A-8624-0246	10-89-2122	A-8624-0286	10-89-2122	A-8624-0326	10-89-2122	A-8624-0366	10-89-2122	A-8624-0406	10-89-2122	A-8624-0446	12
14	10-88-1141	A-8624-0007	10-89-1141	A-8624-0047	10-89-2141	A-8624-0087		A-8624-0127	10-88-1142	A-8624-0167	10-89-1142	A-8624-0207	10-89-2142	A-8624-0247	10-89-2142	A-8624-0287	10-89-2142	A-8624-0327	10-89-2142	A-8624-0367	10-89-2142	A-8624-0407	10-89-2142	A-8624-0447	14
16	10-88-1161	A-8624-0008	10-89-1161	A-8624-0048	10-89-2161	A-8624-0088		A-8624-0128	10-88-1162	A-8624-0168	10-89-1162	A-8624-0208	10-89-2162	A-8624-0248	10-89-2162	A-8624-0288	10-89-2162	A-8624-0328	10-89-2162	A-8624-0368	10-89-2162	A-8624-0408	10-89-2162	A-8624-0448	16
18	10-88-1181	A-8624-0009	10-89-1181	A-8624-0049	10-89-2181	A-8624-0089		A-8624-0129	10-88-1182	A-8624-0169	10-89-1182	A-8624-0209	10-89-2182	A-8624-0249	10-89-2182	A-8624-0289	10-89-2182	A-8624-0329	10-89-2182	A-8624-0369	10-89-2182	A-8624-0409	10-89-2182	A-8624-0449	18
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22	10-88-1221	A-8624-0011	10-89-1221	A-8624-0051	10-89-2221	A-8624-0091		A-8624-0131	10-88-1222	A-8624-0171	10-89-1222	A-8624-0211	10-89-2222	A-8624-0251	10-89-2222	A-8624-0291	10-89-2222	A-8624-0331	10-89-2222	A-8624-0371	10-89-2222	A-8624-0411	10-89-2222	A-8624-0451	22
24	10-88-1241	A-8624-0012	10-89-1241	A-8624-0052	10-89-2241	A-8624-0092		A-8624-0132	10-88-1242	A-8624-0172	10-89-1242	A-8624-0212	10-89-2242	A-8624-0252	10-89-2242	A-8624-0292	10-89-2242	A-8624-0332	10-89-2242	A-8624-0372	10-89-2242	A-8624-0412	10-89-2242	A-8624-0452	24
26	10-88-1261	A-8624-0013	10-89-1261	A-8624-0053	10-89-2261	A-8624-0093		A-8624-0133	10-88-1262	A-8624-0173	10-89-1262	A-8624-0213	10-89-2262	A-8624-0253	10-89-2262	A-8624-0293	10-89-2262	A-8624-0333	10-89-2262	A-8624-0373	10-89-2262	A-8624-0413	10-89-2262	A-8624-0453	26
28	10-88-1281	A-8624-0014	10-89-1281	A-8624-0054	10-89-2281	A-8624-0094		A-8624-0134	10-88-1282	A-8624-0174	10-89-1282	A-8624-0214	10-89-2282	A-8624-0254	10-89-2282	A-8624-0294	10-89-2282	A-8624-0334	10-89-2282	A-8624-0374	10-89-2282	A-8624-0414	10-89-2282	A-8624-0454	28
30	10-88-1301	A-8624-0015	10-89-1301	A-8624-0055	10-89-2301	A-8624-0095		A-8624-0135	10-88-1302	A-8624-0175	10-89-1302	A-8624-0215	10-89-2302	A-8624-0255	10-89-2302	A-8624-0295	10-89-2302	A-8624-0335	10-89-2302	A-8624-0375	10-89-2302	A-8624-0415	10-89-2302	A-8624-0455	30
32	10-88-1321	A-8624-0016	10-89-1321	A-8624-0056	10-89-2321	A-8624-0096		A-8624-0136	10-88-1322	A-8624-0176	10-89-1322	A-8624-0216	10-89-2322	A-8624-0256	10-89-2322	A-8624-0296	10-89-2322	A-8624-0336	10-89-2322	A-8624-0376	10-89-2322	A-8624-0416	10-89-2322	A-8624-0456	32
34	10-88-1341	A-8624-0017	10-89-1341	A-8624-0057	10-89-2341	A-8624-0097		A-8624-0137	10-88-1342	A-8624-0177	10-89-1342	A-8624-0217	10-89-2342	A-8624-0257	10-89-2342	A-8624-0297	10-89-2342	A-8624-0337	10-89-2342	A-8624-0377	10-89-2342	A-8624-0417	10-89-2342	A-8624-0457	34
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38	10-88-1381	A-8624-0019	10-89-1381	A-8624-0059	10-89-2381	A-8624-0099		A-8624-0139	10-88-1382	A-8624-0179	10-89-1382	A-8624-0219	10-89-2382	A-8624-0259	10-89-2382	A-8624-0299	10-89-2382	A-8624-0339	10-89-2382	A-8624-0379	10-89-2382	A-8624-0419	10-89-2382	A-8624-0459	38
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44	10-88-1441	A-8624-0022	10-89-1441	A-8624-0062	10-89-2441	A-8624-0102		A-8624-0142	10-88-1442	A-8624-0182	10-89-1442	A-8624-0222	10-89-2442	A-8624-0262	10-89-2442	A-8624-0302	10-89-2442	A-8624-0342	10-89-2442	A-8624-0382	10-89-2442	A-8624-0422	10-89-2442	A-8624-0462	44
46	10-88-1461	A-8624-0023	10-89-1461	A-8624-0063	10-89-2461	A-8624-0103		A-8624-0143	10-88-1462	A-8624-0183	10-89-1462	A-8624-0223	10-89-2462	A-8624-0263	10-89-2462	A-8624-0303	10-89-2462	A-8624-0343	10-89-2462	A-8624-0383	10-89-2462	A-8624-0423	10-89-2462	A-8624-0463	46
48	10-88-1481	A-8624-0024	10-89-1481	A-8624-0064	10-89-2481	A-8624-0104		A-8624-0144	10-88-1482	A-8624-0184	10-89-1482	A-8624-0224	10-89-2482	A-8624-0264	10-89-2482	A-8624-0304	10-89-2482	A-8624-0344	10-89-2482	A-8624-0384	10-89-2482	A-8624-0424	10-89-2482	A-8624-0464	48
50	10-88-1501	A-8624-0025	10-89-1501	A-8624-0065	10-89-2501	A-8624-0105		A-8624-0145	10-88-1502	A-8624-0185	10-89-1502	A-8624-0225	10-89-2502	A-8624-0265	10-89-2502	A-8624-0305	10-89-2502	A-8624-0345	10-89-2502	A-8624-0385	10-89-2502	A-8624-0425	10-89-2502	A-8624-0465	50
52	10-88-1521	A-8624-0026	10-89-1521	A-8624-0066	10-89-2521	A-8624-0106		A-8624-0146	10-88-1522	A-8624-0186	10-89-1522														