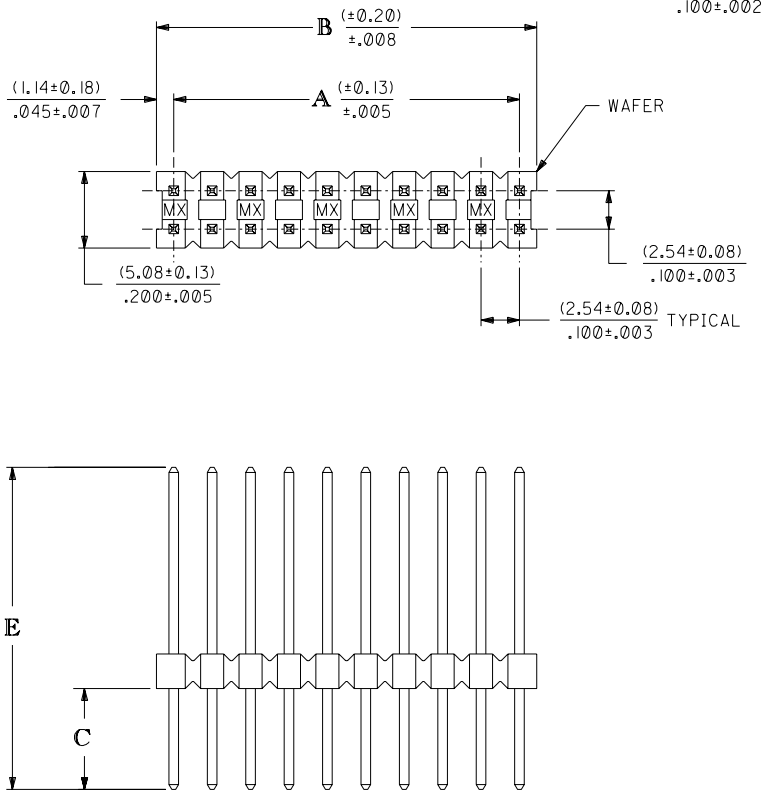
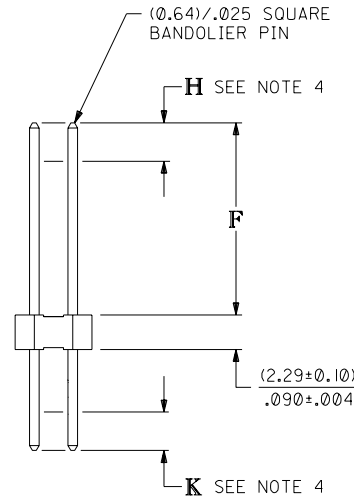




RECOMMENDED P.C. BOARD LAYOUT



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		
APP'D. 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	

13		12		11		10		9		8		7		6		8624		4		3		2		1		
J	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		P.C. BOARD END PLATING		FOR PACKAGING INFORMATION, SEE NOTE 6, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)						
												TYPE	H MEAS.		TYPE	K MEAS.										
I	-0321/-0360	R.F.M.				(2.79) .110			(13.21) .520		(8.13) .320			TIN	TIN	(4.57) .180		TIN	(1.27) .050							
	-0361/-0400	R.F.M.				(2.79) .110			(13.21) .520		(8.13) .320			15 GOLD	GOLD	(4.57) .180		TIN	(1.27) .050							
	-0401/-0440	R.F.M.				(2.79) .110			(13.21) .520		(8.13) .320			30 GOLD	GOLD	(4.57) .180		TIN	(1.27) .050							
	-0441/-0480																									
H	-0481/-0520	R.F.M.				(4.70) .185			(15.11) .595		(8.13) .320			TIN	TIN	(4.57) .180		TIN	(1.27) .050							
	-0521/-0560	R.F.M.				(4.70) .185			(15.11) .595		(8.13) .320			15 GOLD	GOLD	(4.57) .180		TIN	(1.27) .050							
G	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	CKTS		
	02			N.A.	A-8624-0321	N.A.	A-8624-0361	N.A.	A-8624-0401	N.A.	A-8624-0441	N.A.	A-8624-0481	N.A.	A-8624-0521	02										
	04			10-88-1043	A-8624-0322	10-89-1043	A-8624-0362	10-89-2043	A-8624-0402		A-8624-0442	10-88-1044	A-8624-0482	10-89-1044	A-8624-0522	04										
	06			10-88-1063	A-8624-0323	10-89-1063	A-8624-0363	10-89-2063	A-8624-0403		A-8624-0443	10-88-1064	A-8624-0483	10-89-1064	A-8624-0523	06										
	08			10-88-1083	A-8624-0324	10-89-1083	A-8624-0364	10-89-2083	A-8624-0404		A-8624-0444	10-88-1084	A-8624-0484	10-89-1084	A-8624-0524	08										
	10			10-88-1103	A-8624-0325	10-89-1103	A-8624-0365	10-89-2103	A-8624-0405		A-8624-0445	10-88-1104	A-8624-0485	10-89-1104	A-8624-0525	10										
	12			10-88-1123	A-8624-0326	10-89-1123	A-8624-0366	10-89-2123	A-8624-0406		A-8624-0446	10-88-1124	A-8624-0486	10-89-1124	A-8624-0526	12										
	14			10-88-1143	A-8624-0327	10-89-1143	A-8624-0367	10-89-2143	A-8624-0407		A-8624-0447	10-88-1144	A-8624-0487	10-89-1144	A-8624-0527	14										
F	16			10-88-1163	A-8624-0328	10-89-1163	A-8624-0368	10-89-2163	A-8624-0408		A-8624-0448	10-88-1164	A-8624-0488	10-89-1164	A-8624-0528	16										
	18			10-88-1183	A-8624-0329	10-89-1183	A-8624-0369	10-89-2183	A-8624-0409		A-8624-0449	10-88-1184	A-8624-0489	10-89-1184	A-8624-0529	18										
	20			10-88-1203	A-8624-0330	10-89-1203	A-8624-0370	10-89-2203	A-8624-0410		A-8624-0450	10-88-1204	A-8624-0490	10-89-1204	A-8624-0530	20										
	22			10-88-1223	A-8624-0331	10-89-1223	A-8624-0371	10-89-2223	A-8624-0411		A-8624-0451	10-88-1224	A-8624-0491	10-89-1224	A-8624-0531	22										
	24			10-88-1243	A-8624-0332	10-89-1243	A-8624-0372	10-89-2243	A-8624-0412		A-8624-0452	10-88-1244	A-8624-0492	10-89-1244	A-8624-0532	24										
	26			10-88-1263	A-8624-0333	10-89-1263	A-8624-0373	10-89-2263	A-8624-0413		A-8624-0453	10-88-1264	A-8624-0493	10-89-1264	A-8624-0533	26										
	28			10-88-1283	A-8624-0334	10-89-1283	A-8624-0374	10-89-2283	A-8624-0414		A-8624-0454	10-88-1284	A-8624-0494	10-89-1284	A-8624-0534	28										
	30			10-88-1303	A-8624-0335	10-89-1303	A-8624-0375	10-89-2303	A-8624-0415		A-8624-0455	10-88-1304	A-8624-0495	10-89-1304	A-8624-0535	30										
E	32			10-88-1323	A-8624-0336	10-89-1323	A-8624-0376	10-89-2323	A-8624-0416		A-8624-0456	10-88-1324	A-8624-0496	10-89-1324	A-8624-0536	32										
	34			10-88-1343	A-8624-0337	10-89-1343	A-8624-0377	10-89-2343	A-8624-0417		A-8624-0457	10-88-1344	A-8624-0497	10-89-1344	A-8624-0537	34										
	36			10-88-1363	A-8624-0338	10-89-1363	A-8624-0378	10-89-2363	A-8624-0418		A-8624-0458	10-88-1364	A-8624-0498	10-89-1364	A-8624-0538	36										
	38			10-88-1383	A-8624-0339	10-89-1383	A-8624-0379	10-89-2383	A-8624-0419		A-8624-0459	10-88-1384	A-8624-0499	10-89-1384	A-8624-0539	38										
	40			10-88-1403	A-8624-0340	10-89-1403	A-8624-0380	10-89-2403	A-8624-0420		A-8624-0460	10-88-1404	A-8624-0500	10-89-1404	A-8624-0540	40										
	42			10-88-1423	A-8624-0341	10-89-1423	A-8624-0381	10-89-2423	A-8624-0421		A-8624-0461	10-88-1424	A-8624-0501	10-89-1424	A-8624-0541	42										
	44			10-88-1443	A-8624-0342	10-89-1443	A-8624-0382	10-89-2443	A-8624-0422		A-8624-0462	10-88-1444	A-8624-0502	10-89-1444	A-8624-0542	44										
	46			10-88-1463	A-8624-0343	10-89-1463	A-8624-0383	10-89-2463	A-8624-0423		A-8624-0463	10-88-1464	A-8624-0503	10-89-1464	A-8624-0543	46										
D	48			10-88-1483	A-8624-0344	10-89-1483	A-8624-0384	10-89-2483	A-8624-0424		A-8624-0464	10-88-1484	A-8624-0504	10-89-1484	A-8624-0544	48										
	50			10-88-1503	A-8624-0345	10-89-1503	A-8624-0385	10-89-2503	A-8624-0425		A-8624-0465	10-88-1504	A-8624-0505	10-89-1504	A-8624-0545	50										
	52			10-88-1523	A-8624-0346	10-89-1523	A-8624-0386	10-89-2523	A-8624-0426		A-8624-0466	10-88-1524	A-8624-0506	10-89-1524	A-8624-0546	52										
	54			10-88-1543	A-8624-0347	10-89-1543	A-8624-0387	10-89-2543	A-8624-0427		A-8624-0467	10-88-1544	A-8624-0507	10-89-1544	A-8624-0547	54										
C	56			10-88-1563	A-8624-0348	10-89-1563	A-8624-0388	10-89-2563	A-8624-0428		A-8624-0468	10-88-1564	A-8624-0508	10-89-1564	A-8624-0548	56										
	58			10-88-1583	A-8624-0349	10-89-1583	A-8624-0389	10-89-2583	A-8624-0429		A-8624-0469	10-88-1584	A-8624-0509	10-89-1584	A-8624-0549	58										
	60			10-88-1603	A-8624-0350	10-89-1603	A-8624-0390	10-89-2603	A-8624-0430		A-8624-0470	10-88-1604	A-8624-0510	10-89-1604	A-8624-0550	60										
	62			10-88-1623	A-8624-0351	10-89-1623	A-8624-0391	10-89-2623	A-8624-0431		A-8624-0471	10-88-1624	A-8624-0511	10-89-1624	A-8624-0551	62										
	64			10-88-1643	A-8624-0352	10-89-1643	A-8624-0392	10-89-2643	A-8624-0432		A-8624-0472	10-88-1644	A-8624-0512	10-89-1644	A-8624-0552	64										
	66			10-88-1663	A-8624-0353	10-89-1663	A-8624-0393	10-89-2663	A-8624-0433		A-8624-0473	10-88-1664	A-8624-0513	10-89-1664	A-8624-0553	66										
	68			10-88-1683	A-8624-0354	10-89-1683	A-8624-0394	10-89-2683	A-8624-0434		A-8624-0474	10-88-1684	A-8624-0514	10-89-1684	A-8624-0554	68										
	70			10-88-1703	A-8624-0355	10-89-1703	A-8624-0395	10-89-2703	A-8624-0435		A-8624-0475	10-88-1704	A-8624-0515	10-89-1704	A-8624-0555	70										
B	72			10-88-1723	A-8624-0356	10-89-1723	A-8624-0396	10-89-2723	A-8624-0436		A-8624-0476	10-88-1724	A-8624-0516	10-89-1724	A-8624-0556	72										
	74			10-88-1743	A-8624-0357	10-89-1743	A-8624-0397	10-89-2743	A-8624-0437		A-8624-0477	10-88-1744	A-8624-0517	10-89-1744	A-8624-0557	74										
	76			10-88-1763	A-8624-0358	10-89-1763	A-8624-0398	10-89-2763	A-8624-0438		A-8624-0478	10-88-1764	A-8624-0518	10-89-1764	A-8624-0558	76										
	78			10-88-1783	A-8624-0359	10-89-1783	A-8624-0399	10-89-2783	A-8624-0439		A-8624-0479	10-88-1784	A-8624-0519	10-89-1784	A-8624-0559	78										
	80			10-88-1803	A-8624-0360	10-89-1803	A-8624-0400	10-89-2803	A-8624-0440		A-8624-0480	10-88-1804	A-8624-0520	10-89-1804	A-8624-0560	80										
	A										J	SEE SHEET 1	DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		▽ = 0 ▽ = 0 REVISE ONLY ON CAD SYSTEM		TITLE SALES ASSY-DUAL ROW WAFER W/BREAK-OFF OPTION .025 SQ. PINS/.100 GRID MOLEX INCORPORATED LITELILL, IL 60532 SHEET NO. 3 DATE 08/15/88									
										F	SEE SHEET 1	INCH METRIC														
									D1	SEE SHEET 1	3 PLACE ± ±															
									C	SEE SHEET 1	2 PLACE ± ±															
									B1	SEE SHEET 1	1 PLACE ± ±															
									P	SEE SHEET 1	B	SEE SHEET 1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
								L1	SEE SHEET 1	A	SEE SHEET 1	DRWG. BY: EIK CHK'D BY: EIK APPR. BY: WAZ SCALE: 1:1		PART NO. SEE CHART DRWG. NO. SDA-8624-0001-5000												
								LTR.	REVISIONS	LTR.	REVISIONS	FILE NAME: S8624X3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DA C												
13		12		11		10		9		8		7		6		5		4		3		2		1		