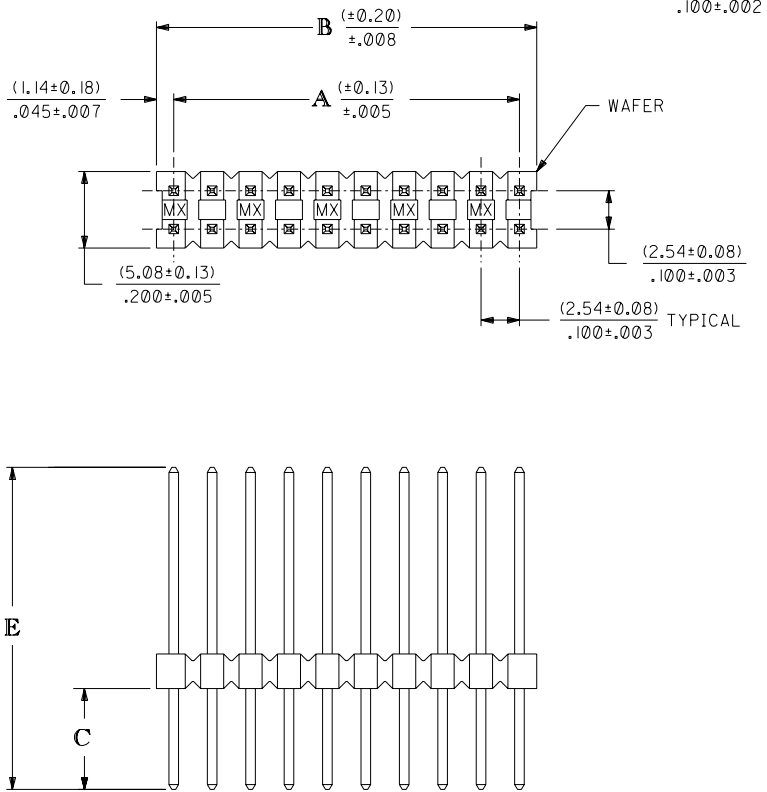
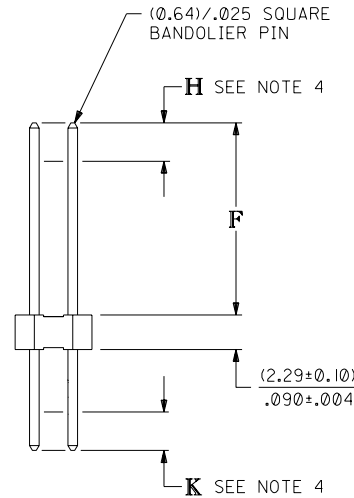




RECOMMENDED P.C. BOARD LAYOUT



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		SHEET NO. 1 OF 7	
DATE: 11/30/88		DATE: 11/30/88	
SALES ASSY-DUAL ROW WAFER W/BREAK-OFF OPTION .025 SQ. PINS/.100 GRID			
MOLEX INCORPORATED			
SEE CHARTS SDA-8624-0001-5000			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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				CONNECTOR END PLATING		P.C. BOARD END PLATING				FOR PACKAGING INFORMATION, SEE NOTE 6, SHEET 1 (UNLESS OTHERWISE SPECIFIED BELOW)					
								(4.70) .185		(15.11) .595		(8.13) .320				30 GOLD		GOLD		(4.57) .180		TIN		(1.27) .050			
								(2.72) .107		(11.10) .437		(6.10) .240				5 GOLD		GOLD		(2.54) .100		TIN		(1.27) .050			
								(5.64) .222		(15.75) .620		(7.82) .308				TIN		TIN		(2.54) .100		TIN		(1.27) .050			
								(0.56) .022 MAX.		(13.21) .520		(10.67) .420 ± (0.13) .005				TIN		TIN		(2.54) .100		N/A		N/A N/A		PK-70873-0688 ALL CIRCUIT SIZES	
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	EDP NUMBER	ENG NUMBER	CKTS
02	N.A.	A-8624-0561				N.A.	A-8624-0641		N.A.	A-8624-0681				N.A.	A-8624-0721		N.A.	A-8624-0761		N.A.	A-8624-0801			A-8624-0801	02		
04	10-89-2044	A-8624-0562				10-89-9047	A-8624-0642		10-89-9048	A-8624-0682					A-8624-0722			A-8624-0762			A-8624-0802			A-8624-0802	04		
06	10-89-2064	A-8624-0563				10-89-9067	A-8624-0643		10-89-9068	A-8624-0683					A-8624-0723			A-8624-0763			A-8624-0803			A-8624-0803	06		
08	10-89-2084	A-8624-0564				10-89-9087	A-8624-0644		10-89-9088	A-8624-0684					A-8624-0724			A-8624-0764			A-8624-0804			A-8624-0804	08		
10	10-89-2104	A-8624-0565				10-89-9107	A-8624-0645		10-89-9108	A-8624-0685					A-8624-0725			A-8624-0765			A-8624-0805			A-8624-0805	10		
12	10-89-2124	A-8624-0566				10-89-9127	A-8624-0646		10-89-9128	A-8624-0686			10-89-7124		A-8624-0726			A-8624-0766			A-8624-0806			A-8624-0806	12		
14	10-89-2144	A-8624-0567				10-89-9147	A-8624-0647		10-89-9148	A-8624-0687					A-8624-0727			A-8624-0767			A-8624-0807			A-8624-0807	14		
16	10-89-2164	A-8624-0568				10-89-9167	A-8624-0648		10-89-9168	A-8624-0688					A-8624-0728			A-8624-0768			A-8624-0808			A-8624-0808	16		
18	10-89-2184	A-8624-0569				10-89-9187	A-8624-0649		10-89-9188	A-8624-0689					A-8624-0729			A-8624-0769			A-8624-0809			A-8624-0809	18		
20	10-89-2204	A-8624-0570				10-89-9207	A-8624-0650		10-89-9208	A-8624-0690					A-8624-0730			A-8624-0770			A-8624-0810			A-8624-0810	20		
22	10-89-2224	A-8624-0571				10-89-9227	A-8624-0651		10-89-9228	A-8624-0691			10-89-7224		A-8624-0731			A-8624-0771			A-8624-0811			A-8624-0811	22		
24	10-89-2244	A-8624-0572				10-89-9247	A-8624-0652		10-89-9248	A-8624-0692					A-8624-0732			A-8624-0772			A-8624-0812			A-8624-0812	24		
26	10-89-2264	A-8624-0573				10-89-9267	A-8624-0653		10-89-9268	A-8624-0693					A-8624-0733			A-8624-0773			A-8624-0813			A-8624-0813	26		
28	10-89-2284	A-8624-030 GOLD				10-89-9287	A-8624-0654		10-89-9288	A-8624-0694					A-8624-0734			A-8624-0774			A-8624-0814			A-8624-0814	28		
30	10-89-2304	A-8624-0575				10-89-9307	A-8624-0655		10-89-9308	A-8624-0695					A-8624-0735			A-8624-0775			A-8624-0815			A-8624-0815	30		
32	10-89-2324	A-8624-0576				10-89-9327	A-8624-0656		10-89-9328	A-8624-0696					A-8624-0736			A-8624-0776			A-8624-0816			A-8624-0816	32		
34	10-89-2344	A-8624-0577				10-89-9347	A-8624-0657		10-89-9348	A-8624-0697					A-8624-0737			A-8624-0777			A-8624-0817			A-8624-0817	34		
36	10-89-2364	A-8624-0578				10-89-9367	A-8624-0658		10-89-9368	A-8624-0698					A-8624-0738			A-8624-0778			A-8624-0818			A-8624-0818	36		
38	10-89-2384	A-8624-0579				10-89-9387	A-8624-0659		10-89-9388	A-8624-0699					A-8624-0739			A-8624-0779			A-8624-0819			A-8624-0819	38		
40	10-89-2404	A-8624-0580				10-89-9407	A-8624-0660		10-89-9408	A-8624-0700					A-8624-0740			A-8624-0780			A-8624-0820			A-8624-0820	40		
42	10-89-2424	A-8624-0581				10-89-9427	A-8624-0661		10-89-9428	A-8624-0701					A-8624-0741			A-8624-0781			A-8624-0821			A-8624-0821	42		
44	10-89-2444	A-8624-0582				10-89-9447	A-8624-0662		10-89-9448	A-8624-0702					A-8624-0742			A-8624-0782			A-8624-0822			A-8624-0822	44		
46	10-89-2464	A-8624-0583				10-89-9467	A-8624-0663		10-89-9468	A-8624-0703					A-8624-0743			A-8624-0783			A-8624-0823			A-8624-0823	46		
48	10-89-2484	A-8624-0584				10-89-9487	A-8624-0664		10-89-9488	A-8624-0704					A-8624-0744			A-8624-0784			A-8624-0824			A-8624-0824	48		
50	10-89-2504	A-8624-0585				10-89-9507	A-8624-0665		10-89-9508	A-8624-0705					A-8624-0745			A-8624-0785			A-8624-0825			A-8624-0825	50		
52	10-89-2524	A-8624-0586				10-89-9527	A-8624-0666		10-89-9528	A-8624-0706					A-8624-0746			A-8624-0786			A-8624-0826			A-8624-0826	52		
54	10-89-25 GOLD	A-8624-0587				10-89-9547	A-8624-0667		10-89-9548	A-8624-0707					A-8624-0747			A-8624-0787			A-8624-0827			A-8624-0827	54		
56	10-89-2564	A-8624-0588				10-89-9567	A-8624-0668		10-89-9568	A-8624-0708					A-8624-0748			A-8624-0788			A-8624-0828			A-8624-0828	56		
58	10-89-2584	A-8624-0589				10-89-9587	A-8624-0669		10-89-9588	A-8624-0709					A-8624-0749			A-8624-0789			A-8624-0829			A-8624-0829	58		
60	10-89-2604	A-8624-0590				10-89-9607	A-8624-0670		10-89-9608	A-8624-0710					A-8624-0750			A-8624-0790			A-8624-0830			A-8624-0830	60		
62	10-89-2624	A-8624-0591				10-89-9627	A-8624-0671		10-89-9628	A-8624-0711					A-8624-0751			A-8624-0791			A-8624-0831			A-8624-0831	62		
64	10-89-2644	A-8624-0592				10-89-9647	A-8624-0672		10-89-9648	A-8624-0712					A-8624-0752			A-8624-0792			A-8624-0832			A-8624-0832	64		
66	10-89-2664	A-8624-0593				10-89-9667	A-8624-0673		10-89-9668	A-8624-0713					A-8624-0753			A-8624-0793			A-8624-0833			A-8624-0833	66		
68	10-89-2684	A-8624-0594				10-89-9687	A-8624-0674		10-89-9688	A-8624-0714					A-8624-0754			A-8624-0794			A-8624-0834			A-8624-0834	68		
70	10-89-2704	A-8624-0595				10-89-9707	A-8624-0675		10-89-9708	A-8624-0715					A-8624-0755			A-8624-0795			A-8624-0835			A-8624-0835	70		
72	10-89-2724	A-8624-0596				10-89-9727	A-8624-0676		10-89-9728	A-8624-0716					A-8624-0756			A-8624-0796			A-8624-0836			A-8624-0836	72		
74	10-89-2744	A-8624-0597				10-89-9747	A-8624-0677		10-89-9748	A-8624-0717					A-8624-0757			A-8624-0797			A-8624-0837			A-8624-0837	74		
76	10-89-2764	A-8624-0598				10-89-9767	A-8624-0678		10-89-9768	A-8624-0718					A-8624-0758			A-8624-0798			A-8624-0838			A-8624-0838	76		
78	10-89-2784	A-8624-0599				10-89-9787	A-8624-0679		10-89-9788	A-8624-0719					A-8624-0759			A-8624-0799			A-8624-0839			A-8624-0839	78		