



DIM. A REF.	DIM. B REF.	
	MM	IN.
4	2.54	0.100
6	5.08	0.200
8	7.62	0.300
10	10.16	0.400
12	12.70	0.500
14	15.24	0.600
16	17.78	0.700
18	20.32	0.800
20	22.86	0.900
22	25.40	1.000
24	27.94	1.100
26	30.48	1.200
28	33.02	1.300
30	35.56	1.400
32	38.10	1.500
34	40.64	1.600
36	43.18	1.700
38	45.72	1.800
40	48.26	1.900
42	50.80	2.000
44	53.34	2.100
46	55.88	2.200
48	58.42	2.300
50	60.96	2.400
52	63.50	2.500
54	66.04	2.600
56	68.58	2.700
58	71.12	2.800
60	73.66	2.900
62	76.20	3.000
64	78.74	3.100
66	81.28	3.200
68	83.82	3.300
70	86.36	3.400
72	88.90	3.500
74	91.44	3.600
76	93.98	3.700
78	96.52	3.800
80	99.06	3.900

REV.	DATE	DESCRIPTION
D3	08/15/98	ADDED - 5824 ECN UNIT 9898-0126
D2	07/03/96	CHANGED PKG SPEC PER FOR NO 061680 WDA
D1	06/18/96	CLARIFY RET. LOCATE PER FOR NO 061680 WDA
D	05/17/95	FIXED - 5824 ECN UNIT 9898-0126
C4	05/17/95	ADDED - 5824 ECN UNIT 9898-0126
C3	05/17/95	ADDED - 5824 ECN UNIT 9898-0126
C2	05/17/95	ADDED - 5824 ECN UNIT 9898-0126
C1	05/17/95	REMOVED - 5824 ECN UNIT 9898-0126
C	02/08/95	ADDED NEW ASSY PER FOR NO 061680 WDA
B2	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA
B1	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA
B	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA
A	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA

SECTION D-D - RETENTION PIN DETAIL
 2 CONTACTS LOCATED ON CENTER OF SAME ROW
 (SEE NOTE 6)

USE FOR LOCATING NON-STANDARD
 RETENTIVE PIN LOCATIONS & VOIDED PINS
 (NUMBERING NOT MOLDED IN ON HOUSING)

VIEW "AB" (TOP VIEW)
 RETENTIVE PIN LOCATIONS & VOIDED PINS
 (NUMBERING NOT MOLDED IN ON HOUSING)

RECOMMENDED P.C. BOARD HOLE LAYOUT

FINISH: (PER ES-80)

(164) - .000150 MIN. TIN/LEAD OVER
 .000050 MIN. NICKEL PLATE.

(578) - .000015 MIN. GOLD PLATE IN SELECT AREA,
 .000150 MIN. TIN/LEAD IN SELECT AREA,
 OVER .000050 MIN. NICKEL OVERALL.

(571) - .000015 MIN. GOLD PLATE IN SELECT AREA,
 .000075 MIN. TIN/LEAD IN SELECT AREA,
 OVER .000050 MIN. NICKEL OVERALL.

(574) - .000030 MIN. GOLD PLATE IN SELECT AREA,
 .000075 MIN. TIN/LEAD IN SELECT AREA,
 OVER .000050 MIN. NICKEL OVERALL.

NOTES:

- PIN PUSHOUT FORCE: 4 LBS. MIN. (IN EITHER DIRECTION)
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- PINS MUST MEET SOLDERABILITY SPEC. ES-152, EXCEPT VOIDS ARE PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE. (APPROX. .025 LRG X .006 WD. REF.) - 2 LOCATIONS
- WAFER TO BE FLAT WITHIN 0.003 MM/CM/0.003 IN./IN.
- MEASURE POINT FOR PLATING THICKNESS.
- RETENTIVE PINS ARE LOCATED ON CONTACTS IN ROW B AND ARE EITHER THE TWO CENTER CIRCUITS OR THE CIRCUIT LEFT OF CENTER AND CENTER, UNLESS VOIDED. SEE VIEW "AB" AND CHART FOR SPECIAL LOCATIONS.
- VOIDED PIN LOCATIONS ARE IDENTIFIED NUMERICALLY FROM RIGHT TO LEFT AND ALPHABETICALLY FROM TOP TO BOTTOM. SEE VIEW "AB" SHOWING "CONNECTOR SIDE" OF WAFER.
- THIS PRODUCT CONFORMS TO MOLEX PRODUCT SPEC. PS-8624.
- PACKAGING INFORMATION:
 (UNLESS OTHERWISE NOTED IN TABLES)
 PARTS TO BE PACKAGED PER PK-70873-0353
 BULK PACK WITH ANTI-STATIC BAGS.

MATERIAL:

WAFER - 7 1/2% G.F. POLYESTER; 94V-0; COLOR: BLACK
 PIN - PHOSPHOR BRONZE, ALLOY 510

REV.	DATE	DESCRIPTION
D3	08/15/98	ADDED - 5824 ECN UNIT 9898-0126
D2	07/03/96	CHANGED PKG SPEC PER FOR NO 061680 WDA
D1	06/18/96	CLARIFY RET. LOCATE PER FOR NO 061680 WDA
D	05/17/95	FIXED - 5824 ECN UNIT 9898-0126
C4	05/17/95	ADDED - 5824 ECN UNIT 9898-0126
C3	05/17/95	ADDED - 5824 ECN UNIT 9898-0126
C2	05/17/95	ADDED - 5824 ECN UNIT 9898-0126
C1	05/17/95	REMOVED - 5824 ECN UNIT 9898-0126
C	02/08/95	ADDED NEW ASSY PER FOR NO 061680 WDA
B2	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA
B1	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA
B	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA
A	06/02/93	ADDED - 5727 PER FOR NO 061680 WDA

ITEM NUMBER	ENGINEERING NUMBER	CKT. SIZE	VOIDED PIN LOCATION (NOTE 7)		C	E	F	RETENTIVE PIN LOCATION (SEE NOTE 6, SHEET 1)	PLATE PER E.S. (88)	CONNECTOR END PLATING		P.C. BOARD END PLATING		FOR PACKAGING INFORMATION SEE NOTE 9, SH 1 UNLESS SPECIFIED BELOW
			ROW	LOC.						REF.	REF.	TYPE	MEAS.	
10-97-5081	70287-5236	8	A	3	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 2,3	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-5404	70287-5553	40	B	10	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 9,11	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-6068	70287-5572	6	B	1	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 2,3	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-6268	70287-5582	26	B	1	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 7,8	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-7080	70287-5612	8	A	2	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 2,3	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-5009	70287-5649	40	A	11	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 10,11	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-5019	70287-5660	26	B	1	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 7,8	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-5029	70287-5689	6	A	2	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 2,3	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-5039	70287-5727	30	A	15	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 7,8	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050	
10-97-5059	70287-5762	20	A	1	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 5,6	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5069	70287-5807	30	B	1	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 8,9	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5089	70287-5808	14	A	2	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 4,5	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5099	70287-5809	26	B	7	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 6,8	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5109	70287-5810	34	B	6	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 9,10	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5119	70287-5811	20	B	5	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 4,6	544	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5129	70287-5812	26	B	13	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 7,8	544	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5139	70287-5813	34	A	3	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 9,10	544	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5149	70287-5814	40	B	10	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 10,11	544	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5159	70287-5815	34	A	14	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 9,10	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5169	70287-5816	10	B	2,3	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 1,5	164	TIN/LEAD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5179	70287-5817	30	B	2	(2.97) .117	(1.10) .437	(5.84) .230	CKTS 8,9	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5189	70287-5818	10	A	1	(2.97) .117	(1.10) .437	(5.84) .230	CKTS 3,4	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5199	70287-5819	10	B	2	(2.97) .117	(1.10) .437	(5.84) .230	CKTS 3,4	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5209	70287-5820	40	A	11	(2.97) .117	(1.10) .437	(5.84) .230	CKTS 10,11	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	
10-97-5219	70287-5821	34	B	16	(2.97) .117	(1.10) .437	(5.84) .230	CKTS 9,10	571	GOLD	(2.54) .100	TIN/LEAD	(1.27) .050	

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FOR PACKAGING INFORMATION SEE NOTE 9, SH 1 UNLESS SPECIFIED BELOW

SALES ASS'Y - DUAL ROW WAFER
.100 GRID WITH .025 SQUARE PINS
WITH RETENTION & VOID PINS

MOLEX INCORPORATED SHEET 2 06/02/93

SEE CHART SDA-70287-500 1-9999

70287 2

DRAWING BOARD SPECIFICATIONS		DRAWING BOARD SPECIFICATIONS	
0	SEE SHEET 1	D	SEE SHEET 1
C4	SEE SHEET 1	C4	SEE SHEET 1
C3	SEE SHEET 1	C3	SEE SHEET 1
C2	SEE SHEET 1	C2	SEE SHEET 1
C1	SEE SHEET 1	C1	SEE SHEET 1
C	SEE SHEET 1	C	SEE SHEET 1
A	SEE SHEET 1	A	SEE SHEET 1
LTR.	REVISIONS	LTR.	REVISIONS

ITEM NUMBER	ENGINEERING NUMBER	CKT. SIZE	VOIDED PIN LOCATION (NOTE 7)	C	E	F	RETENTIVE PIN LOCATION (SEE NOTE 6, SHEET 1)	PLATE PER E.S. (88)	CONNECTOR END PLATING	P.C. BOARD END PLATING	FOR PACKAGING INFORMATION SEE NOTE 9, SH 1 UNLESS SPECIFIED BELOW	
10-97-5081	70287-5236	8	A 3	(3.18) .125	(1.56) .455	(6.10) .240	CKTS 2,3	578	GOLD	(3.94) .155	TIN/LEAD	(1.27) .050