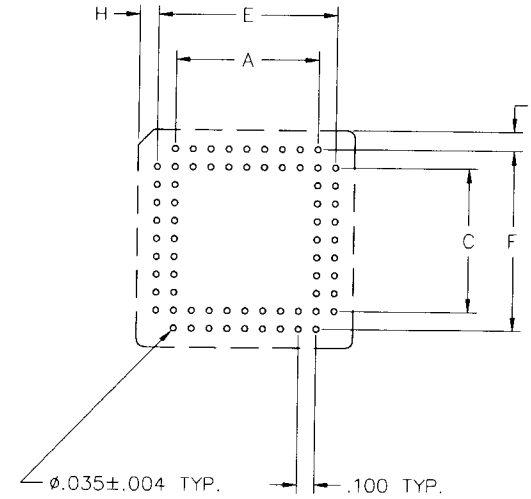
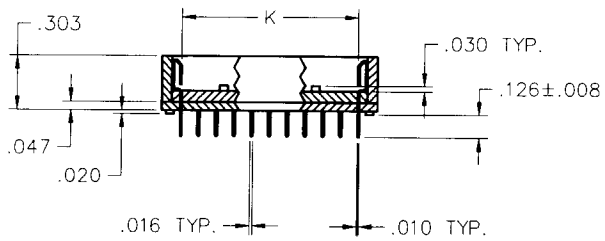
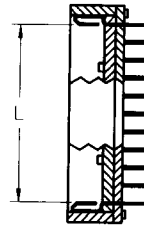
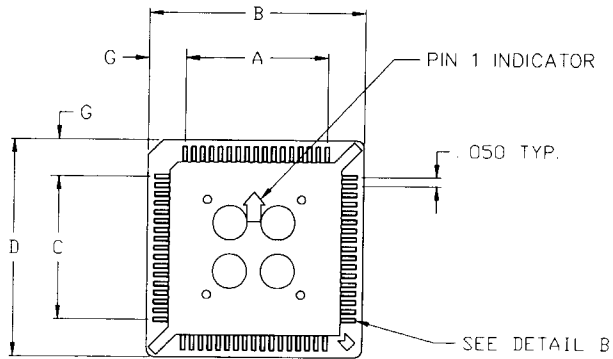


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FCI



PCB LAYOUT

NOTE: 68 POSITION SOCKET SHOWN

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ltr	ecn no	dr	date	linear	.XX ±.01			
A	V01265	DLW	5/19/00		.XXX ±.005		 INCH	
				angles	.XXX ±.0020			title <b>THROUGH HOLE PLCC SOCKET</b>
					0° ±2°		product family PLCC	
				dr	D. WOLFORD	5/19/00		code —
				enr	A. VASBINDER	5/19/00	size A	
				chr	A. VASBINDER	5/19/00		sheet 1 of 3
				appd	A. VASBINDER	5/19/00	scale 1:1	
sheet	revision	A	A	A				title 59050
index	sheet	1	2	3			cage code 22526	

ACAD

cage code  
22526

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3 |

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STANDARD FCI PART NUMBER	OLD BERG PART NUMBER	JEDEC PKG. NUMBER	DIMENSIONS											PERFORMANCE DATA		
			A	B	C	D	E	F	G	H	J	K $\begin{smallmatrix} +.004 \\ -.008 \end{smallmatrix}$	L $\begin{smallmatrix} +.004 \\ -.008 \end{smallmatrix}$	INSERTION FORCE (LBF. MAX.)	EXTRACTION FORCE (LBF. MIN.)	WEIGHT (OUNCES)
PLCC-20P-T	69394-020	MO-047 AA	.200	.613	.200	.613	.400	.400	.207	.107	.107	.362	.362	8.2	2.5	.074
PLCC-28P-T	69394-028	MO-047 AB	.300	.713	.300	.713	.500	.500	.207	.107	.107	.462	.462	7.0	3.3	.097
PLCC-32P-T	69394-032	MO-052 AE	.300	.701	.400	.795	.500	.600	.201	.101	.098	.462	.562	11.5	4.1	.098
PLCC-44P-T	69394-044	MO-047 AC	.500	.913	.500	.913	.700	.700	.207	.107	.107	.662	.662	17.0	4.4	.144
PLCC-52P-T	69394-052	MO-047 AD	.600	1.060	.600	1.060	.800	.800	.230	.130	.130	.763	.763	18.2	4.2	.199
PLCC-68P-T-2	69394-068	MO-047 AE	.800	1.217	.800	1.217	1.000	1.000	.209	.109	.109	.963	.963	26.0	6.6	.223
PLCC-84P-T-2	69394-084	MO-047 AF	1.000	1.417	1.000	1.417	1.200	1.200	.209	.109	.109	1.163	1.163	32.0	8.5	.300
PLCC-100P-T	—	MO-047 AG	1.200	1.663	1.200	1.663	1.400	1.400	.207	.132	.132	1.363	1.363	31.0	9.8	.386

NOTES:

I. MATERIALS:

- A. CONTACT MATERIAL: PHOSPHOR BRONZE
- B. CONTACT PLATING: 150u" MIN. TIN-LEAD OVER 40u" MIN. NICKEL
- C. INSULATOR: PPS, HIGH TEMP., UL94V-0

II. PERFORMANCE:

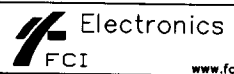
- A. TEMPERATURE RANGE: -55°C TO 125°C
- B. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
- C. INSERTION FORCE: SEE TABLE
- D. EXTRACTION FORCE: SEE TABLE

E. DIELECTRIC WITHSTANDING VOLTAGE: 600 VOLTS RMS FOR 60 SECONDS

F. WEIGHT: SEE TABLE

III. GENERAL

A. THESE SOCKETS ARE DESIGNED FOR USE WITH PLASTIC LEADED CHIP CARRIERS (PLCC'S) THAT MEET THE DIMENSIONAL REQUIREMENTS OF JEDEC PUBLICATION 95, FOR PACKAGE NUMBERS MO-047 AA-AH (SQUARE PACKAGES) AND MO-052 AA-AE (RECTANGULAR PACKAGES).

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 Electronics FCI <a href="http://www.fciconnect.com">www.fciconnect.com</a>
ltr	ecn no	dr	date	linear	.XX ±.01		
A				angles	.XXX ±.005		
					.XXXX ±.0020		
				dr	D. WOLFORD 5/19/00		
				enfr	A. VASBINDER 5/19/00		
				chr	A. VASBINDER 5/19/00		
				appd	A. VASBINDER 5/19/00		
sheet index	revision sheet						

1 | 2

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ACAD

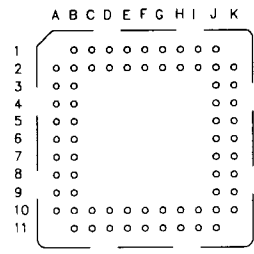
cage code  
22526

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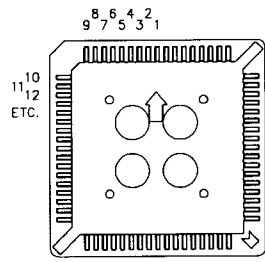
PLCC DEVICE POSITION	BOARD HOLE POSITION								PLCC DEVICE POSITION	BOARD HOLE POSITION		
	20 POS.	28 POS.	32 POS.	44 POS.	52 POS.	68 POS.	84 POS.	100 POS.		68 POS.	84 POS.	100 POS.
1	1C	2D	2D	2E	1E	1F	1G	1H	53	6J	13L	15I
2	2C	1C	1C	1D	2E	2F	2G	2H	54	5K	12M	14I
3	1B	2C	2C	2D	1D	1E	1F	1G	55	5J	12L	15J
4	2A	1B	1B	1C	2D	2E	2F	2G	56	4K	11M	14J
5	2B	2A	2A	2C	1C	1D	1E	1F	57	4J	11L	15K
6	3A	2B	2B	1B	2C	2D	2E	2F	58	3K	10M	14K
7	3B	3A	3A	2A	1B	1C	1D	1E	59	3J	10L	15L
8	4A	3B	3B	2B	2A	2C	2D	2E	60	2K	9M	14L
9	5B	4A	4A	3A	2B	1B	1C	1D	61	1J	9L	15M
10	4B	4B	4B	3B	3A	2A	2C	2D	62	2J	8M	14M
11	5C	5A	5A	4A	3B	2B	1B	1C	63	1I	8L	15N
12	4C	6B	5B	4B	4A	3A	2A	2C	64	2I	7M	14O
13	5D	5B	6A	5A	4B	3B	2B	1B	65	1H	7L	14N
14	4E	6C	7B	5B	5A	4A	3A	2A	66	2H	6M	13O
15	4D	5C	6B	6A	5B	4B	3B	2B	67	1G	6L	13N
16	3E	6D	7C	6B	6A	5A	4A	3A	68	2G	5M	12O
17	3D	5D	6C	7A	6B	5B	4B	3B	69		5L	12N
18	2E	6E	7D	8B	7A	6A	5A	4A	70		4M	11O
19	1D	5F	6D	7B	7B	6B	5B	4B	71		4L	11N
20	2D	5E	7E	8C	8A	7A	6A	5A	72		3M	10O
21		4F	6F	7C	9B	7B	6B	5B	73		3L	10N
22		4E	6E	8D	8B	8A	7A	6A	74		2M	9O
23		3F	5F	7D	9C	8B	7B	6B	75		1L	9N
24		3E	5E	8E	8C	9A	8A	7A	76		2L	8O
25		2F	4F	7E	9D	9B	8B	7B	77		1K	8N
26		1E	4E	8F	8D	10A	9A	8A	78		2K	7O
27		2E	3F	7F	9E	11B	9B	8B	79		1J	7N
28		1D	3E	8G	8E	10B	10A	9A	80		2J	6O
29			2F	7H	9F	11C	10B	9B	81		1I	6N
30			1E	7G	8F	10C	11A	10A	82		2I	5O
31			2E	6H	9G	11D	11B	10B	83		1H	5N
32			1D	6G	8G	10D	12A	11A	84		2H	4O
33				5H	9H	11E	13B	11B	85			4N
34				5G	8I	10E	12B	12A	86			3O
35				4H	8H	11F	13C	12B	87			3N
36				4G	7I	10F	12C	13A	88			2O
37				3H	7H	11G	13D	13B	89			1N
38				3G	6I	10G	12D	14A	90			2N
39				2H	6H	11H	13E	15B	91			1M
40				1G	5I	10H	12E	14B	92			2M
41				2G	5H	11I	13F	15C	93			1L
42				1F	4I	10I	12F	14C	94			2L
43				2F	4H	11J	13G	15D	95			1K
44				1E	3I	10K	12G	14D	96			2K
45					3H	10J	13H	15E	97			1J
46					2I	9K	12H	14E	98			2J
47					1H	9J	13I	15F	99			1I
48					2H	8K	12I	14F	100			2I
49					1G	8J	13J	15G				
50					2G	7K	12J	14G				
51					1F	7J	13K	15H				
52					2F	6K	12K	14H				

TYPICAL BOARD HOLE PATTERN SHOWING HOLE DESIGNATION CONVENTION (68 I/O SHOWN)



NOTE: THIS VIEW IS FROM THE SOCKET SIDE OF THE BOARD

TYPICAL PLCC SHOWING LEAD NUMBERS CONVENTION (68 I/O SHOWN)



NOTE: THIS VIEW IS FROM THE SOCKET SIDE OF THE BOARD

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ltr	ecn no	dr	date	linear	.XX ±.01	projection	
A					.XXX ±.005		
				angles	.XXXX ±.0020		
				dr	D. WOLFORD 5/19/00	 INCH scale 1:1	product family
				engr	A. VASBINDER 5/19/00		PLCC
				chr	A. VASBINDER 5/19/00		code
				appd	A. VASBINDER 5/19/00		—
sheet index	revision sheet						size
							dwg no
							59050
							sheet 3 of