

PLCC Sockets

FCI PLCC SOCKETS - SURFACE MOUNT

Features:

- Standard JEDEC (type A) mounting pad
- Hi-temp: IR reflow compatible plastic
- Polarization indicators assure positive chip carrier orientation
- Center pad for pick and place
- RoHS Compliant per FCI documentation

Specifications:

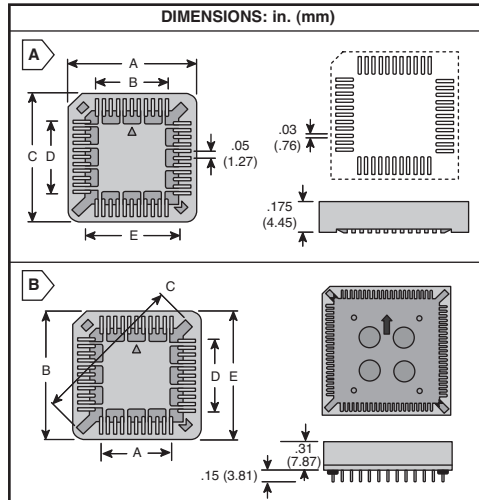
- Operating temperature: -50°C ~ 125°C
- Current rating: 1A
- Insulation resistance: 10,000MΩ
- Contact material: Phosphor bronze alloy
- Contact plating: 150µ" tin, 40µ" nickel (min.)
- Capacitance: 1.0pF max.
- Withstanding voltage: 600V



RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Contacts	Contact Plating	Dimensions In.					Price Each		
					A	B	C	D	E	1	25	100
Surface Mount • Low profile: .175" (4.45) • Contact resistance: 20mΩ												
649-69802-120LF	69802-120LF	A	20	.600	.200	.600	.200	.334	.133	.95	.87	.82
649-69802-128LF	69802-128LF	A	28	.700	.300	.700	.300	.434	.133	.95	.87	.82
649-69802-132LF	69802-132LF	A	32	.700	.300	.700	.300	.434	.133	.74	.67	.64
*649-69802-044LF	69802-044LF	A	44	.900	.500	.900	.500	.634	.133	1.24	1.14	1.08
649-69802-144LF	69802-144LF	A	44	.900	.500	.900	.500	.634	.133	1.24	1.14	1.08
649-69802-168LF	69802-168LF	A	68	1.213	.800	1.213	.800	.934	.140	1.89	1.72	1.63
649-69802-184LF	69802-184LF	A	84	1.413	1.000	1.413	1.000	1.134	.140	2.05	1.86	1.77
Thru-Hole • Low profile: .310" (7.87) • Contact resistance: 30mΩ												
649-54020-20030LF	54020-20030LF	Tin	20	.613	.200	.613	.200	.613	1.23	1.12	1.06	
649-54020-28030LF	54020-28030LF	Tin	28	.713	.300	.713	.300	.713	1.23	1.12	1.06	
649-54020-32030LF	54020-32030LF	Tin	32	.700	.300	.700	.300	.700	1.19	1.08	1.03	
649-54020-44030LF	54020-44030LF	Tin	44	.913	.500	.913	.500	.913	1.32	1.21	1.15	
649-54020-52030LF	54020-52030LF	Tin	52	1.060	.600	1.060	.600	1.060	1.65	1.51	1.43	
649-54020-68030LF	54020-68030LF	Tin	68	1.217	.800	1.217	.800	1.217	1.87	1.70	1.62	
649-54020-84030LF	54020-84030LF	Tin	84	1.417	1.000	1.417	1.000	1.417	2.03	1.85	1.75	



KOBICONN PLCC SOCKETS

Features:

- Accepts JEDEC type A chips
- Polarization indicator to assure positive chip carrier alignment
- Low profile

Specifications:

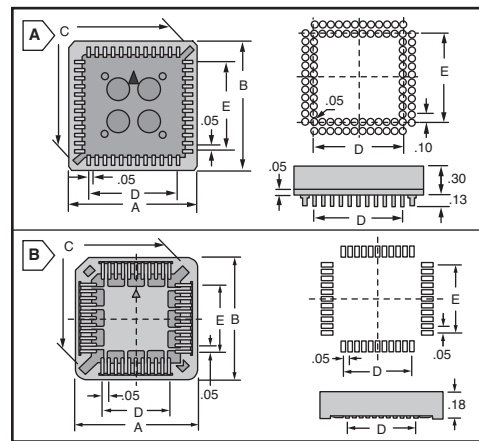
- Contact resistance: 30mΩ max. @ 100mA DC
- Insulator resistance: 1000MΩ min. @ 500VDC
- Current rating: 1A
- Voltage rating: 500VAC for 1 minute

- Operating temp.: -55°C ~ 105°C
- Contact material: Tin/gold plated phosphor bronze
- Housing material: PPS and 40% glass fiber

DIMENSIONS: in.

For quantities of 1,000 and up, call for quote.

MOUSER STOCK NO.	Fig.	No. of Contacts	Contact Plating	Dimensions: in.					Price Each			
				A	B	C	D	E	1	25	100	500
Thru-Hole												
151-1529	A	28	Gold	.71	.71	.80	.30	.30	1.22	.82	.75	.68
151-1533	A	32	Gold	.71	.81	.88	.30	.40	1.88	1.45	1.32	1.20
151-1545	A	44	Gold	.93	.93	1.09	.50	.50	1.65	1.27	1.15	1.05
151-1553	A	52	Gold	1.02	1.02	1.24	.60	.60	1.88	1.45	1.32	1.20
151-1569	A	68	Gold	1.22	1.22	1.50	.80	.80	2.12	1.63	1.48	1.35
151-1585	A	84	Gold	1.42	1.42	1.80	1.00	1.00	2.40	1.85	1.68	1.53
SMT												
151-1522	B	20	Tin	.61	.61	.63	.20	.20	.77	.52	.48	.43
151-1530	B	28	Tin	.71	.71	.77	.30	.30	.62	.48	.43	.39
151-1534	B	32	Tin	.71	.81	.88	.30	.40	.68	.48	.44	.40
151-1546	B	44	Tin	.93	.93	1.09	.50	.50	.94	.73	.66	.60
151-1554	B	52	Tin	1.02	1.02	1.22	.60	.60	1.10	.80	.73	.66
151-1570	B	68	Tin	1.25	1.25	1.50	.80	.80	1.13	.87	.79	.72
151-1586	B	84	Tin	1.42	1.42	1.76	1.00	1.00	1.16	.89	.81	.74



MILL-MAX STANDARD SURFACE MOUNT PLCC SOCKETS

Specifications:

- Insulator: PPS Polyphenylene Sulfide, Rated UL94V-0
- Current rating: Thru-hole type 1A, SMD type 1A
- Shell Plating: 200µ" (matte finish) over 100µ" Nickel
- Inner Contact Plating: 100µ" (matte finish) over 50µ" Nickel

- Operating Temp: -55° to +105° C
- Contact Pressure: 150 grams min.
- Capacitance: 1pF max.

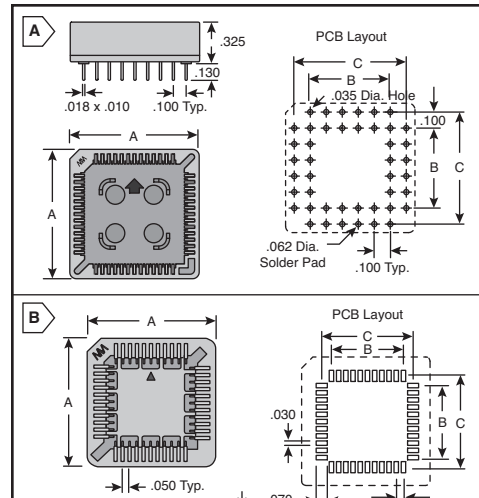
DIMENSIONS: in.



RoHS Compliant

* Rectangular For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Mill-Max Part No.	No. of Pins	Fig.	Dimensions: in.			Price Each				
				A	B	C	1	10	100	500	1000
Through Board Mount											
575-202444	940-44-020-24-000000	20	A	.613	.200	.400	1.16	.98	.79	.60	.56
575-942824	940-44-028-24-000000	28	A	.713	.300	.500	1.16	.98	.80	.60	.57
575-943224*	940-44-032-24-000000	32	A	.813/.713	.400/.300	.600/.500	1.16	.98	.80	.60	.57
575-944424	940-44-044-24-000000	44	A	.913	.500	.700	1.16	.98	.80	.60	.49
575-945224	940-44-052-24-000000	52	A	1.013	.600	.800	1.23	1.04	.86	.65	.61
575-682444	940-44-068-24-000000	68	A	1.213	.800	1.000	1.52	1.29	1.05	.79	.75
575-948424	940-44-084-24-000000	84	A	1.413	1.000	1.200	1.69	1.43	1.17	.89	.83
Surface Mount											
575-942017	940-44-020-17-400000	20	B	.613	.200	.334	1.12	.95	.78	.59	.48
575-942817	940-44-028-17-400000	28	B	.713	.300	.434	1.17	.99	.81	.62	.57
575-943217*	940-44-032-17-400000	32	B	.813/.713	.400/.300	.534/.434	1.02	.86	.70	.51	.43
575-944417	940-44-044-17-400000	44	B	.900	.500	.634	1.27	1.08	.87	.66	.62
575-945217	940-44-052-17-400000	52	B	1.013	.600	.734	1.38	1.16	.96	.72	.68
575-946817	940-44-068-17-400000	68	B	1.213	.800	.934	1.77	1.50	1.21	.92	.87
575-948417	940-44-084-17-400000	84	B	1.413	1.000	1.134	1.95	1.65	1.34	1.02	.96



MILL-MAX STANDARD SURFACE MOUNT PLCC SOCKETS

Specifications:

- Inner Contact Plating: 100µ" (matte finish) over 50µ" Nickel
- Shell Plating: 200 tin (matte finish) over 100µ" Nickel
- Insulator: (Brown) PPS Ryton R-4 Rated UL 94V-0
- Current rating: Thru-hole type 2A, SMD type 1A

- Operating Temp: -55° to +125° C
- Contact Pressure: 150 grams min.
- Capacitance: 2pF max.



RoHS Compliant

* Rectangular For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Mill-Max Part No.	No. of Pins	Fig.	Dimensions: in.						Price Each				
				A	B	C	D	E	H	1	10	100	500	1000
575-542017	540-44-020-17-400000	20	C	.200	.200	.585	.585	.657	.180	2.21	1.99	1.77	1.55	1.42
575-542817	540-44-028-17-400000	28	C	.300	.300	.685	.685	.799	.180	2.32	2.09	1.86	1.63	1.49
575-543217*	540-44-032-17-400000	32	C	.300	.400	.650	.766	.885	.168	1.47	1.32	1.17	1.03	.94
575-544417	540-44-044-17-400000	44	C	.500	.500	.885	.885	1.082	.180	1.87	1.69	1.50	1.31	1.20
575-545217	540-44-052-17-400000	52	C	.600	.600	1.000	1.000	1.224	.180	2.87	2.58	2.29	2.01	1.84
575-546817	540-44-068-17-400000	68	C	.800	.800	1.202	1.202	1.507	.180	2.87	2.58	2.30	2.01	1.84
575-548417	540-44-084-17-400000	84	C	1.000	1.000	1.400	1.400	1.791	.180	3.52	3.16	2.81	2.46	2.25

