

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:

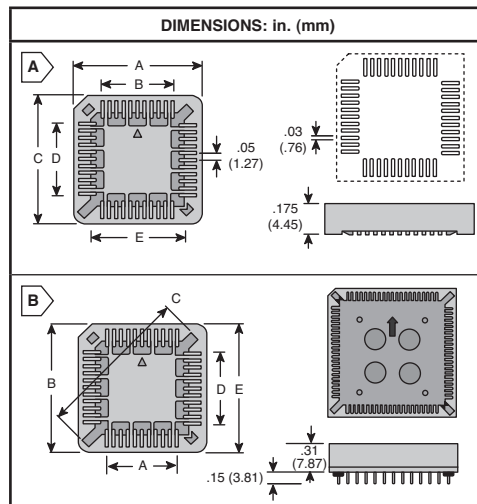
- Operating temperature: -50°C ~ 125°C
- Current rating: 1A
- Insulation resistance: 10,000MΩ
- Contact material: Phosphor bronze alloy
- Contact plating: 150µ" tin, 40µ" nickel (min.)
- Capacitance: 1.0pF max.
- Withstanding voltage: 600V



RoHS Compliant

For quantities greater than listed, 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												
649-69802-128LF	69802-128LF	A	28	Tin	.300	.700	.300	.434	.133	1.17	1.05	.924
* 649-69802-032LF	69802-032LF	A	32	Tin	.300	.700	.300	.434	.133	.90	.86	.759
649-69802-132LF	69802-132LF	A	32	Tin	.300	.700	.300	.434	.133	.90	.86	.763
* 649-69802-044LF	69802-044LF	A	44	Tin	.500	.900	.500	.634	.133	1.53	1.29	1.12
649-69802-144LF	69802-144LF	A	44	Tin	.500	.900	.500	.634	.133	1.53	1.29	1.12
649-69802-168LF	69802-168LF	A	68	Tin	.800	1.213	.800	.934	.140	2.33	2.01	1.80
649-69802-184LF	69802-184LF	A	84	Tin	1.000	1.413	1.000	1.134	.140	2.52	2.31	2.11
Thru-Hole * Low profile: .310" (7.87) * Contact resistance: 30mΩ												
649-54020-20030LF	54020-20030LF	B	20	Tin	.200	.613	.720	.200	.613	1.61	1.44	1.25
649-54020-32030LF	54020-32030LF	B	32	Tin	.300	.700	.941	.300	.700	1.45	1.33	1.26
649-54020-44030LF	54020-44030LF	B	44	Tin	.500	.913	1.144	.500	.913	1.54	1.30	1.19
649-54020-52030LF	54020-52030LF	B	52	Tin	.600	1.060	1.303	.600	1.060	2.03	1.86	1.75
649-54020-68030LF	54020-68030LF	B	68	Tin	.800	1.217	1.575	.800	1.217	2.29	2.09	2.00
649-54020-84030LF	54020-84030LF	B	84	Tin	1.000	1.417	1.858	1.000	1.417	2.66	2.38	2.05



KOBICONN PLCC SOCKETS

Features:

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

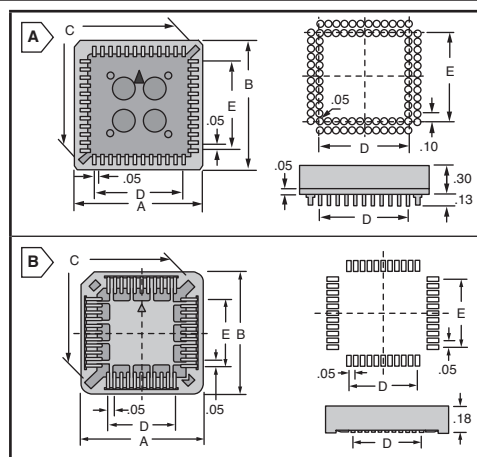
Specifications:

- Contact resistance: 30mΩ max. @ 100mA DC
- Insulator resistance: 1000MΩ min. @ 50VDC
- 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 greater than listed, 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	1.25	.89	.81	.74
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	1.86	1.43	1.30	1.18
151-1553	A	52	Gold	1.02	1.02	1.24	.60	.60	2.14	1.65	1.50	1.36
151-1569	A	68	Gold	1.22	1.22	1.50	.80	.80	2.29	1.76	1.60	1.45
151-1585	A	84	Gold	1.42	1.42	1.80	1.00	1.00	2.40	1.85	1.68	1.53
SMT												
151-1534	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



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

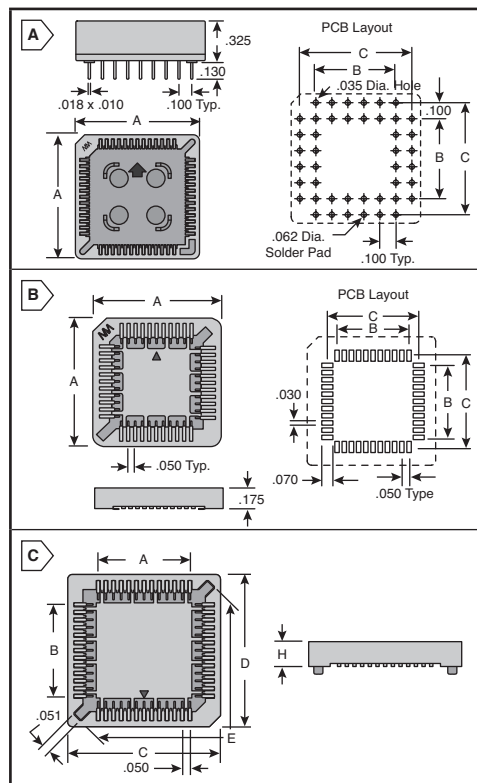
- Operating Temp: -55°C to +105°C
- Contact Pressure: 150 grams min.
- Capacitance: 1pF max.



RoHS Compliant

* Rectangular For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mill-Max Part No.	Fig.	No. of Pins	Dimensions: in.			Price Each				
				A	B	C	1	25	100	500	1000
Through Board Mount											
575-202444	940-44-020-24-000000	A	20	.613	.200	.400	1.33	1.12	.92	.68	.574
575-942824	940-44-028-24-000000	A	28	.713	.300	.500	1.38	1.17	.95	.70	.596
575-943224 *	940-44-032-24-000000	A	32	.813/.713	.400/.300	.600/.500	1.57	1.21	.927	.741	.659
575-944424	940-44-044-24-000000	A	44	.913	.500z	.700	1.54	1.30	1.06	.78	.662
575-945224	940-44-052-24-000000	A	52	1.013	.600	.800	1.89	1.59	1.30	.96	.812
575-682444	940-44-068-24-000000	A	68	1.213	.800	1.000	1.94	1.64	1.34	.99	.835
575-948424	940-44-084-24-000000	A	84	1.413	1.000	1.200	2.51	2.12	1.73	1.27	1.07
Surface Mount											
575-942017	940-44-020-17-400000	B	20	.613	.200	.334	1.11	.94	.76	.56	.478
575-942817	940-44-028-17-400000	B	28	.713	.300	.434	1.24	1.04	.85	.63	.57
575-943217 *	940-44-032-17-400000	B	32	.813/.713	.400/.300	.534/.434	1.25	1.05	.86	.63	.537
575-944417	940-44-044-17-400000	B	44	.900	.500	.634	1.68	1.41	1.15	.855	.725
575-945217	940-44-052-17-400000	B	52	1.013	.600	.734	2.07	1.74	1.43	1.07	1.02
575-946817	940-44-068-17-400000	B	68	1.213	.800	.934	2.07	1.75	1.43	1.05	.891



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



RoHS Compliant

* Rectangular For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mill-Max Part No.	Fig.	No. of Pins	Dimensions: in.					Price Each					
				A	B	C	D	E	H	1	25	100	500	1000
575-542017	540-44-020-17-400000	C	20	.200	.200	.585	.585	.657	.180	2.54	2.28	2.03	1.77	1.52
575-542817	540-44-028-17-400000	C	28	.300	.300	.685	.685	.799	.180	2.67	2.39	2.13	1.86	1.59
575-543217 *	540-44-032-17-400000	C	32	.300	.400	.650	.766	.885	.168	1.91	1.71	1.52	1.32	1.13
575-544417	540-44-044-17-400000	C	44	.500	.500	.885	.885	1.082	.180	2.17	1.94	1.73	1.51	1.22
575-545217	540-44-052-17-400000	C	52	.600	.600	1.000	1.000	1.224	.180	7.02	6.29	5.61	4.90	4.20
575-546817	540-44-068-17-400000	C	68	.800	.800	1.202	1.202	1.507	.180	4.15	3.72	3.31	2.90	2.47
575-548417	540-44-084-17-400000	C	84	1.000	1.000	1.400	1.400	1.791	.180	4.05	3.63	3.23	2.82	2.42