



PLCC Sockets



PLCC Thru Hole: Specifications: • Current Rating: 1A • Dielectric Withstanding: 500VAC for one minute • Contact Resistance: 30mΩ maximum • Insulating Resistance: 1,000MΩ minimum • Operating Temperature: -55°C - 105°C **Materials:** • Body: PBT and 30% Glass Fiber, UL 94V-0 • Contacts: Phosphor bronze, tin and gold plated

PLCC Surface Mount: Specifications: • Current Rating: 1A • Withstanding Voltage: 1,000VAC • Contact Resistance: 15mΩ maximum • Insulating Resistance: 10,000MΩ minimum • Operating Temperature: -40°C - 105°C **Materials:** • Body: PPS, UL 94V-0 • Contacts: Phosphor bronze, matte tin plated 150U" over nickel

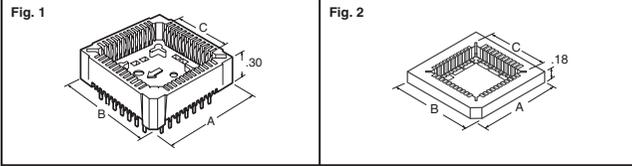


Fig.	No. of Contacts	Dimensions Inch			Digi-Key Part No.	Price Each			Assmann Part No.
		A	B	C		1	10	100	
PLCC — Thru Hole									
Tin									
1	20	0.61	0.61	0.20	AE10054-ND	1.05	.83	.63	A-CSS20-Z-R
	28	0.71	0.71	0.30	AE10055-ND	1.32	1.03	.79	A-CSS28-Z-R
	32	0.71	0.81	0.30	AE10056-ND	1.45	1.13	.86	A-CSS32-Z-R
	44	0.93	0.93	0.50	AE10057-ND	1.58	1.23	.94	A-CSS44-Z-R
	52	1.02	1.02	0.60	AE10058-ND	1.75	1.36	1.04	A-CSS52-Z-R
	64	1.23	1.23	0.80	AE10059-ND	2.08	1.73	1.28	A-CSS68-Z-R
84	1.42	1.42	1.00	AE10060-ND	2.22	1.85	1.37	A-CSS84-Z-R	
Gold									
1	20	0.61	0.61	0.20	AE10061-ND	1.83	1.43	1.09	A-CSS20-G-R
	28	0.71	0.71	0.30	AE10062-ND	1.90	1.58	1.17	A-CSS28-G-R
	32	0.71	0.81	0.30	AE10063-ND	1.98	1.64	1.22	A-CSS32-G-R
	44	0.93	0.93	0.50	AE10064-ND	2.27	1.88	1.40	A-CSS44-G-R
	52	1.02	1.02	0.60	AE10065-ND	2.56	2.13	1.58	A-CSS52-G-R
	64	1.23	1.23	0.80	AE10066-ND	3.06	2.55	1.89	A-CSS68-G-R
84	1.42	1.42	1.00	AE10067-ND	3.43	2.85	2.11	A-CSS84-G-R	
PLCC — Surface Mount									
Tin									
2	20	0.62	0.62	0.20	AE10068-ND	1.18	.83	.56	A-CSS20-Z-SM-R
	28	0.72	0.72	0.30	AE10069-ND	1.35	.95	.64	A-CSS28-Z-SM-R
	32	0.72	0.82	0.40	AE10070-ND	1.16	.90	.69	A-CSS32-Z-SM-R
	44	0.92	0.92	0.50	AE10071-ND	1.28	1.00	.76	A-CSS44-Z-SM-R
	52	1.02	1.02	0.60	AE10072-ND	1.21	.94	.72	A-CSS52-Z-SM-R
	68	1.22	1.22	0.80	AE10073-ND	1.58	1.23	.94	A-CSS68-Z-SM-R
84	1.42	1.42	1.00	AE10074-ND	1.80	1.39	1.07	A-CSS84-Z-SM-R	
					AE10356-ND NEW!				

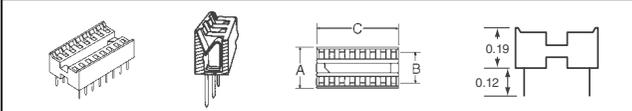
IC Sockets

Dual Wipe Solder Tail



Specifications: • Contact Resistance: 30mΩ maximum @ 100mA DC • Insulator Resistance: 1,000MΩ minimum @ 500VDC • Current Rating: 1A • Dielectric Withstanding Voltage: 500VAC for 1 minute • Operating Temperature: -55°C - 105°C

Materials: • Housing: PBT and 30% Glass Fiber (UL 94V-0)



No. of Contacts	Contact Plating	Dimensions (Inch)			Digi-Key Part No.	Pricing			Assmann Part No.	
		A	B	C		1	10	100		
6	Tin	0.39	0.30	0.30	AE1485-ND	.73	5.11	34.28	138.59	A06-LC-TT-R
	Gold	0.39	0.30	0.30	AE1486-ND	1.01	7.06	47.40	191.63	A06-LCG-T-R
8	Tin	0.39	0.30	0.39	AE9986-ND	.57	3.57	20.48	81.92	A08-LC-TT-R
	Gold	0.39	0.30	0.39	AE9987-ND	1.03	7.19	48.26	195.09	A08-LCG-T-R
14	Tin	0.40	0.30	0.40	AE9988-ND†	.92	5.71	32.82	131.29	A08-LC-TR-R
	Gold	0.39	0.30	0.70	AE9989-ND	.68	4.24	24.41	97.63	A14-LC-TT-R
16	Tin	0.39	0.30	0.70	AE9990-ND	1.19	8.29	55.65	224.94	A14-LCG-T-R
	Gold	0.40	0.30	0.70	AE9991-ND†	.92	5.71	32.82	131.29	A14-LC-TR-R
18	Tin	0.39	0.30	0.80	AE9992-ND	.80	4.93	28.53	113.34	A16-LC-TT-R
	Gold	0.39	0.30	0.80	AE9993-ND	1.35	9.39	63.03	254.79	A16-LCG-T-R
20	Tin	0.40	0.30	0.80	AE9994-ND†	.76	5.34	35.86	144.98	A16-LC-TR-R
	Gold	0.39	0.30	0.90	AE9995-ND	.91	5.61	32.26	129.05	A18-LC-TT-R
22	Tin	0.39	0.30	0.90	AE9996-ND	1.13	8.84	67.42	269.66	A18-LCG-T-R
	Gold	0.40	0.30	0.90	AE9997-ND†	.85	5.97	40.08	162.04	A18-LC-TR-R
24	Tin	0.39	0.30	1.00	AE9998-ND	1.01	6.30	36.19	144.76	A20-LC-TT-R
	Gold	0.40	0.30	1.00	AE9999-ND	1.26	9.76	74.49	297.93	A20-LCG-T-R
28	Tin	0.40	0.30	1.00	AE10000-ND†	.94	6.56	44.04	178.03	A20-LC-TR-R
	Gold	0.50	0.40	1.10	AE10264-ND	1.07	7.46	50.10	202.55	A22-LC-T2-R
32	Tin	0.40	0.30	1.10	AE10551-ND NEW!	1.38	10.69	81.56	326.21	A22-LCG-T-R
	Gold	0.70	0.30	1.20	AE10285-ND	.89	6.17	41.41	167.37	A24-LC-7-TT-R
40	Tin	0.70	0.60	1.20	AE10001-ND	.89	6.17	41.41	167.37	A24-LC-TT-R
	Gold	0.70	0.60	1.20	AE10002-ND	1.55	11.98	91.40	365.60	A24-LCG-T-R
48	Tin	0.70	0.60	1.20	AE10003-ND†	1.13	7.93	53.27	215.34	A24-LC-TR-R
	Gold	0.70	0.60	1.40	AE10004-ND	1.04	7.27	48.79	197.22	A28-LC-TT-R
52	Tin	0.70	0.60	1.40	AE10286-ND	1.04	7.27	48.79	197.22	A28-LC-7-TT-R
	Gold	0.70	0.60	1.40	AE10005-ND	1.80	13.94	106.30	425.19	A28-LCG-T-R
64	Tin	0.70	0.60	1.40	AE10006-ND†	1.34	9.31	62.50	252.65	A28-LC-TR-R
	Gold	0.70	0.60	1.60	AE10007-ND†	1.16	8.94	68.17	272.68	A32-LC-TT-R
72	Tin	0.70	0.60	1.60	AE10354-ND NEW!	1.20	8.37	56.18	227.07	A32-LC-TT-R
	Gold	0.70	0.60	1.60	AE10549-ND NEW!	2.04	15.82	120.69	482.75	A32-LCG-T-R
84	Tin	0.70	0.60	2.00	AE10008-ND	1.16	8.94	68.17	272.68	A40-LC-TT-R
	Gold	0.70	0.60	2.00	AE10009-ND	2.20	18.30	135.56	542.23	A40-LCG-T-R
96	Tin	0.70	0.60	2.00	AE10010-ND†	1.45	11.26	85.35	343.38	A40-LC-TR-R
	Gold	0.70	0.60	2.40	AE10550-ND NEW!	2.51	20.85	154.41	617.64	A48-LCG-T-R

† Retentive Leg Version

IC Sockets Machine Pin



With gold plated precision spring contacts, open frame, solder pin and wire wrap terminals.

Contacts Spring: Copper alloy, 4 finger contact. Surface gold over nickel. Absolute protection against capillary action. Connecting pins: brass, solder version. **Mechanical and Electrical Data:** Depth of Insertion: 2.3mm - 3.7mm. Vibration: 20g after MIL-STD-202. Shock: 150g to MIL-STD-202. Insertion Frequency: >1000. Transitional Resistance after 100 insertion cycles: <12mΩ. Capacity between adjacent contacts: <0.9pF. Capacity between opposite adjacent contacts: <0.4pF. Air and creepage space between adjacent contacts: >0.4mm. **Insulators:** Polyester GV, VO self-extinguishing, UL 94. Insulation Resistance: 10¹²Ω. **Operating Temperature Range:** -65°C - 150°C. Retains shape in solder bath. Resistant to detergent. **Contact Plating:** Pin: Tin; Clip: Gold.

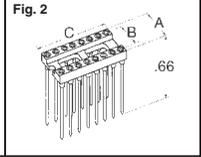
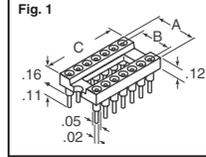


Fig.	No. of Contacts	Dimensions Inch			Digi-Key Part No.	Price Each			Assmann Part No.	
		A	B	C		1	10	100		
Solder Tail										
Gold Flash										
1	6	0.40	0.30	0.40	AE10022-ND	.99	.61	.36	AR06-HZL-TT-R	
	8	0.40	0.30	0.40	AE10011-ND	.91	.64	.43	AR08-HZL-TT-R	
	14	0.40	0.30	0.70	AE10012-ND	1.12	.87	.67	AR14-HZL-TT-R	
	16	0.40	0.30	0.80	AE10013-ND	1.34	1.04	.79	AR16-HZL-TT-R	
	18	0.40	0.30	0.90	AE10014-ND	1.46	1.14	.87	AR18-HZL-TT-R	
	20	0.40	0.30	1.00	AE10015-ND	1.60	1.25	.95	AR20-HZL-TT-R	
1	24	0.70	0.60	1.20	AE10016-ND	1.98	1.53	1.17	AR24-HZL-TT-R	
	28	0.70	0.60	1.40	AE10017-ND	2.05	1.71	1.27	AR28-HZL-TT-R	
	40	0.70	0.60	2.00	AE10018-ND	2.59	2.16	1.60	AR40-HZL-TT-R	
	48	0.70	0.60	2.40	AE10019-ND	3.19	2.66	1.97	AR48-HZL-TT-R	
	10µ" Gold									
	1	6	0.40	0.30	0.30	AE10021-ND	1.27	.89	.60	AR06-HZL/01-TT-R
8		0.40	0.30	0.40	AE10175-ND	1.22	.95	.73	AR08-HZL/01-TT-R	
14		0.40	0.30	0.70	AE10023-ND	1.91	1.59	1.18	AR14-HZL/01-TT-R	
16		0.40	0.30	0.80	AE10024-ND	2.19	1.82	1.35	AR16-HZL/01-TT-R	
20		0.40	0.30	1.00	AE10025-ND	2.83	2.35	1.74	AR20-HZL/01-TT-R	
24		0.70	0.60	1.20	AE10026-ND	3.32	2.77	2.05	AR24-HZL/01-TT-R	
1	24	0.40	0.30	1.20	AE10027-ND	3.32	2.77	2.05	AR24-HZL/01-TT-R	
	28	0.70	0.60	1.40	AE10028-ND	3.46	2.86	2.15	AR28-HZL/01-TT-R	
	28	0.40	0.30	1.40	AE10029-ND	3.27	2.71	2.03	AR28-HZL/01-TT-R	
	32	0.70	0.60	1.60	AE10030-ND	3.74	3.09	2.32	AR32-HZL/01-TT-R	
	40	0.70	0.60	2.00	AE10031-ND	4.69	3.89	2.92	AR40-HZL/01-TT-R	
	30µ" Gold									
1	6	0.40	0.30	0.30	AE10033-ND	1.71	1.33	1.01	AR06-HZL/07-TT-R	
	8	0.40	0.30	0.40	AE10034-ND	1.96	1.63	1.21	AR08-HZL/07-TT-R	
	14	0.40	0.30	0.70	AE10035-ND	3.37	2.80	2.08	AR14-HZL/07-TT-R	
	16	0.40	0.30	0.80	AE10036-ND	3.49	2.90	2.17	AR16-HZL/07-TT-R	
	18	0.40	0.30	0.90	AE10037-ND	3.82	3.17	2.38	AR18-HZL/07-TT-R	
	20	0.40	0.30	1.00	AE10038-ND	4.39	3.63	2.73	AR20-HZL/07-TT-R	
1	28	0.70	0.60	1.40	AE10041-ND	6.09	5.05	3.79	AR28-HZL/07-TT-R	
	28	0.40	0.30	1.40	AE10042-ND	5.77	4.78	3.59	AR28-HZL/07-TT-R	
	32	0.70	0.60	1.60	AE10043-ND	5.69	4.71	3.53	AR32-HZL/07-TT-R	
	40	0.70	0.60	2.00	AE10044-ND	6.28	5.32	4.11	AR40-HZL/07-TT-R	
	Wire Wrap									
	2	8	0.40	0.30	0.40	AE10046-ND	1.90	1.48	1.13	AR08-HZW/T-R
14		0.40	0.30	0.70	AE10047-ND	2.84	2.36	1.75	AR14-HZW/T-R	
16		0.40	0.30	0.80	AE10048-ND	3.25	2.70	2.00	AR16-HZW/T-R	
18		0.40	0.30	0.90	AE10049-ND	3.25	2.70	2.02	AR18-HZW/T-R	
20		0.40	0.30	1.00	AE10050-ND					