

A

Performance Characteristics:

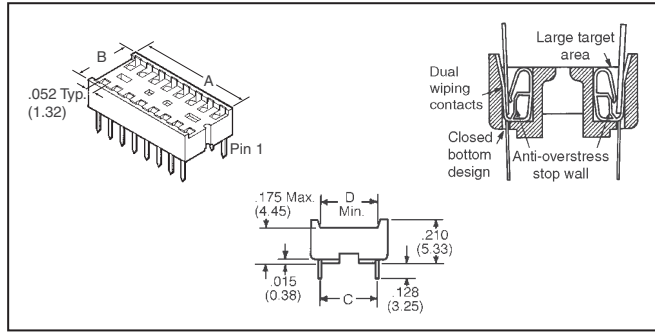
Physical: Engaging force: 340 grams maximum (initial) • Separating force: 25 grams minimum

Electrical: • Rating: 250VAC • Contact resistance: 20mΩ maximum initial, 30mΩ maximum after test • Dielectric withstanding voltage: 1000 VRMS minimum • Insulation resistance: 10,000MΩ minimum (initial) • Capacitance: 0.5 picofarad maximum

Environmental: • Operating temperature: -55°C ~ 105°C (tin); -55°C ~ 125°C (gold) • Vibration: 15 G's, 10-2000-10 Hz with 100mA current • Shock: 100 G's sawtooth; 6 shocks

Material and Finish: • Housing: Glass-filled thermoplastic, 94V-0 rated (black)

Notes: • Closed bottom design: inhibits flux contamination and solder wicking • Overstress stop wall: prevents damage to socket contact from bent or twisted DIP leads and off-set insertion or extraction of DIP packages • Closed Frame Style (unless noted) • Large target area: makes it easy to insert DIP packages • Dual wiping contacts: make a gas-tight connection for high reliability • .175 (4.45) maximum seating plane above pc board • Stackable end-to-end and side-to-side • Designed to meet EIA RS-415, MIL-S-83734 and stringent computer specifications • Recognized under the Component Program of Underwriters Lab. Inc. File E28476 • Certified by Canadian Standards Association File No. LR 16455



No. of Pins	Dimensions - Inch (mm)				Digi-Key Part No.	Price Each		AMP Part No.
	A	B	C	D		1	10	
Dual Leaf Dip Sockets								
Phosphor Bronze with 15µ" Gold Plating								
6	.295 (7.49)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A9406-ND	.69	.56	2-641296-4
6	.295 (7.49)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32868-ND♦	.69	.56	1825093-1
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A9408-ND	.57	.46	2-640463-4
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32361-ND♦	.84	.68	1825093-2
14	.695 (17.65)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A9414-ND	1.08	.87	2-640357-4
14	.695 (17.65)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32869-ND♦	.96	.77	1825093-3
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A9416-ND	1.20	.96	2-640358-4
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32870-ND♦	1.14	.92	1825093-4
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A94116-ND†	1.38	1.11	2-641600-4
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A35060-ND♦†	1.38	1.11	1825094-4
18	.895 (22.73)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A9418-ND	1.50	1.20	2-640359-4
18	.895 (22.73)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32871-ND♦	1.41	1.13	1825093-5
20	.995 (25.27)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A9420-ND	1.59	1.28	2-640464-4
20	.995 (25.27)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32872-ND♦	1.47	1.18	1825093-6
20	.995 (25.27)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A94120-ND†	1.68	1.35	2-641602-4
20	.995 (25.27)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32873-ND♦†	1.62	1.30	1825094-6
24	1.195 (30.35)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A9424-ND	2.88	2.31	2-640361-4
24	1.195 (30.35)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35061-ND♦	2.61	2.09	1825108-1
24	1.195 (30.35)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A94124-ND†	2.67	2.14	2-641932-4
24	1.195 (30.35)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32874-ND♦†	1.86	1.49	1825094-7
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A9428-ND	2.76	2.21	2-640362-4
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32875-ND♦	2.55	2.04	1825108-2
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A94128-ND†	2.04	1.64	2-641605-4
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32876-ND♦†	2.49	2.00	1825109-2
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A94132-ND†	3.00	2.40	2-644018-4
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35063-ND♦†	2.04	1.64	1825276-2
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A9440-ND	2.64	2.12	2-640379-4
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32877-ND♦	2.46	1.97	1825108-3
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A94140-ND†	2.64	2.12	2-641606-4
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35062-ND♦†	2.46	1.97	1825109-3
Beryllium Copper with 30µ" Gold Plating								
6	.295 (7.49)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24793-ND	.87	.70	2-641296-2
6	.295 (7.49)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32529-ND♦	.75	.60	1-1825093-1
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24794-ND	.45	.36	2-640463-2

No. of Pins	Dimensions - Inch (mm)				Digi-Key Part No.	Price Each		AMP Part No.
	A	B	C	D		1	10	
Sockets with Retention Solder Tails								
Phosphor Bronze with 15µ" Gold Plating								
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24802-ND	.66	.53	2-641260-4
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32885-ND♦	.66	.53	1825373-2
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35064-ND♦†	2.49	2.00	1825376-2
Phosphor Bronze with Tinned Plating — RoHS Compliant								
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24804-ND†	.75	.60	2-641615-3
Beryllium Copper with 30µ" Gold Plating								
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24805-ND†	3.57	2.86	2-641615-3
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35059-ND♦	3.33	2.67	1-1825376-2
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24806-ND†	3.48	2.79	2-641616-2
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32886-ND♦†	3.27	2.62	1-1825376-3
Beryllium Copper with Tinned Plating — RoHS Compliant								
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24807-ND	.33	.27	2-641260-1
14	.695 (17.65)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24808-ND†	.60	.48	2-641609-1
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24809-ND†	.66	.53	2-641610-1
20	.995 (25.27)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24810-ND†	.66	.53	2-641612-1
24	1.195 (30.35)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24811-ND†	.87	.70	2-641933-1
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24812-ND†	.90	.72	2-382189-1

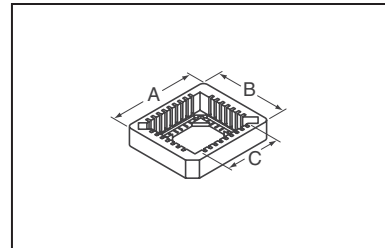
♦ RoHS Compliant † Open Frame Style

PLCC Sockets - Low Profile, Surface Mount



Features: • Low profile for high density PCB stacking • Pin 1 indicator • Allows easy PLCC removal
Specifications: • Housing: High temperature thermoplastic UL 94V-0 • Current Rating: 1A • Durability: 25 cycles

No. of Pos.	Dimensions - Inch (mm)			Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		AMP Part No.
	A	B	C		1	10	100	Qty.	Pricing	
20	.565 (14.36)	.565 (14.36)	.264 (6.71)	A97621CT-ND	.92	.74	.59	500	213.81	3-822516-3
28	.665 (16.90)	.665 (16.90)	.364 (9.25)	A97622CT-ND	1.43	1.15	.91	500	333.76	3-822516-2
32	.665 (16.90)	.770 (19.57)	.364 (9.25)	A97623CT-ND	1.17	.94	.75	500	324.06	3-822516-7
44	.866 (22.00)	.866 (22.00)	.564 (14.33)	A97624CT-ND	1.41	1.13	.90	350	273.46	3-822516-1
52	1.013 (25.74)	1.013 (25.74)	.664 (16.87)	A97625CT-ND	1.65	1.32	1.05	350	269.60	3-822516-4
68	1.213 (30.82)	1.213 (30.82)	.864 (21.95)	A97626CT-ND	2.09	1.67	1.33	600	692.91	3-822516-5
84	1.413 (35.90)	1.413 (35.90)	1.064 (27.03)	A97627CT-ND	2.95	2.36	1.87	250	344.00	3-822516-6



† For Tape and Reel part number, change CT-ND to TR-ND.

More Product Available Online: www.digkey.com