

Performance Characteristics:

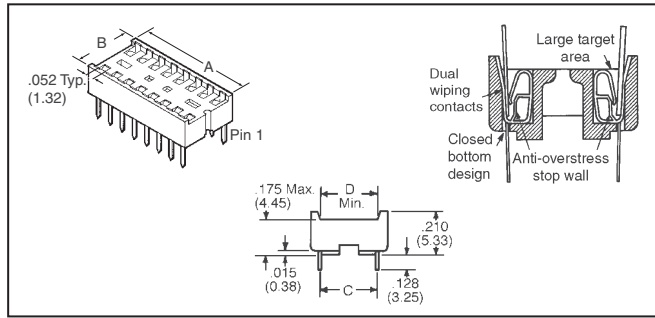
Physical: Engaging force: 340 grams maximum (initial) • Separating force: 25 grams minimum

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	.87	.70	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†	1.02	.82	2-641600-4
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A35060-ND◆†	.99	.80	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†	1.26	1.01	2-641602-4
20	.995 (25.27)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32873-ND◆†	1.20	.96	1825094-6
24	1.195 (30.35)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A9424-ND	2.13	1.71	2-640361-4
24	1.195 (30.35)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35061-ND◆	1.95	1.56	1825108-1
24	1.195 (30.35)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A94124-ND†	2.01	1.61	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	2.04	1.64	2-640362-4
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32875-ND◆	1.92	1.54	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◆†	1.89	1.52	1825109-2
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A94132-ND†	2.22	1.78	2-644018-4
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35063-ND◆†	2.13	1.71	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	.51	.41	2-640463-2

No. of Pins	Dimensions - Inch (mm)				Digi-Key Part No.	Price Each		AMP Part No.
	A	B	C	D		1	10	
8	.395 (10.03)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32878-ND◆	.54	.44	1-1825093-2
14	.695 (17.65)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24795-ND†	1.20	.96	2-641599-2
14	.695 (17.65)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32879-ND◆†	1.20	.96	1-1825094-3
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24796-ND†	1.44	1.16	2-641600-2
16	.795 (20.19)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32880-ND◆†	1.35	1.08	1-1825094-4
24	1.195 (30.35)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A24797-ND†	2.04	1.64	2-641932-2
24	1.195 (30.35)	.394 (10.01)	.300 (7.62)	.320 (8.13)	A32881-ND◆†	2.01	1.61	1-1825094-7
24	1.195 (30.35)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24798-ND†	2.55	2.04	2-641604-2
24	1.195 (30.35)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35058-ND◆†	2.37	1.90	1-1825109-1
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24799-ND†	2.64	2.12	2-641605-2
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32882-ND◆†	2.46	1.97	1-1825109-2
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24800-ND†	2.88	2.31	2-644018-2
32	1.595 (40.51)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32883-ND◆†	2.88	2.31	1-1825276-2
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A24801-ND†	3.51	2.81	2-641606-2
40	1.995 (50.67)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A32884-ND◆†	3.30	2.64	1-1825109-3
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◆	.69	.56	1825373-2
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35064-ND◆†	1.86	1.49	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†	2.64	2.12	2-641615-3
28	1.395 (35.43)	.694 (17.63)	.600 (15.24)	.620 (15.75)	A35059-ND◆	2.46	1.97	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

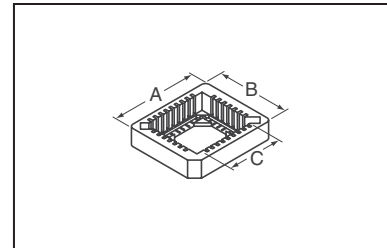
AMP PLCC Sockets - Low Profile, Surface Mount



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	.96	.77	.61	500	224.50	3-822516-3
28	.665 (16.90)	.665 (16.90)	.364 (9.25)	A97622CT-ND	1.50	1.21	.96	500	350.45	3-822516-2
32	.665 (16.90)	.770 (19.57)	.364 (9.25)	A97623CT-ND	1.23	.99	.78	500	340.25	3-822516-7
44	.866 (22.00)	.866 (22.00)	.564 (14.33)	A97624CT-ND	1.48	1.19	.94	350	287.13	3-822516-1
52	1.013 (25.74)	1.013 (25.74)	.664 (16.87)	A97625CT-ND	1.73	1.39	1.10	350	283.08	3-822516-4
68	1.213 (30.82)	1.213 (30.82)	.864 (21.95)	A97626CT-ND	2.19	1.76	1.39	600	727.55	3-822516-5
84	1.413 (35.90)	1.413 (35.90)	1.064 (27.03)	A97627CT-ND	3.10	2.48	1.97	250	361.20	3-822516-6

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



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