

I.C. Sockets

Dual Leaf Tin Plated Wire Wrap

Contacts: Phosphor bronze CA510
Contact Finish: Tin plating 200µ minimum

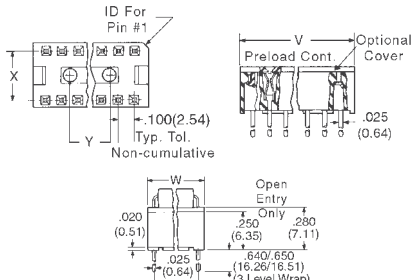
No. of Pins	Digi-Key Part No.	1	25	100	500	1,000	2,500
8	C8108-ND	1.89	39.88	154.12	634.63	1178.60	1087.94/M
14	C8114-ND	2.66	56.32	217.69	896.36	1664.67	1536.62/M
16	C8116-ND	2.95	62.37	241.07	992.65	1843.49	1701.68/M
18	C8118-ND	3.07	64.96	251.06	1033.79	1919.89	1772.21/M
20	C8120-ND	3.77	79.70	308.04	1268.38	2355.57	2174.37/M
24	C8124-ND	4.75	100.49	388.39	1599.26	2970.06	2741.60/M
28	C8128-ND	5.41	114.35	441.96	1819.85	3379.73	3119.75/M
40	C8140-ND	7.78	164.62	636.27	2619.92	4865.57	4491.30/M

RoHS Compliant

Dual Leaf Gold Inlay Wire Wrap

Contacts: Copper alloy CA725
Contact Finish: Gold inlay 50µ over 50µ nickel interlayer

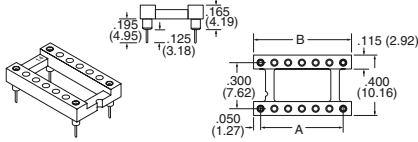
No. of Pins	Digi-Key Part No.	1	25	100	500	1,000	2,500
8	C9108-ND	2.21	46.81	180.91	744.92	1383.43	1277.02/M
14	C9114-ND	3.65	77.11	298.04	1227.24	2279.16	2103.84/M
16	C9116-ND	4.18	88.39	341.62	1406.69	2612.42	2411.47/M
18	C9118-ND	4.63	97.90	378.40	1558.12	2893.66	2671.07/M
20	C9120-ND	5.12	108.30	418.58	1723.56	3200.90	2954.68/M
22	C9122-ND	5.57	117.81	456.36	1875.00	3482.14	3214.29/M
24	C9124-ND	6.14	129.67	502.34	2068.45	3841.41	3545.92/M
28	C9128-ND	7.21	152.46	589.29	2426.47	4506.30	4159.67/M
40	C9140-ND	9.95	210.49	813.56	3349.96	6221.36	5742.80/M



Pins	"V" ±.25 Inch (mm)	"W" Max. Inch (mm)	"X" ±.13 Inch (mm)	"Y" ±.25 Inch (mm)
8	.465 (11.81)	.400 (10.16)	.300 (7.62)	n/a
14	.765 (19.43)	.400 (10.16)	.300 (7.62)	.300 (7.62)
16	.865 (21.97)	.400 (10.16)	.300 (7.62)	.400 (10.16)
18	.965 (24.51)	.400 (10.16)	.300 (7.62)	.400 (10.16)
20	1.065 (27.05)	.400 (10.16)	.300 (7.62)	.400 (10.16)
22	1.180 (29.97)	.500 (12.70)	.400 (10.16)	.500 (12.70)
24	1.280 (32.51)	.500 (12.70)	.600 (15.24)	.500 (12.70)
28	1.480 (37.59)	.700 (17.78)	.600 (15.24)	.500 (12.70)
40	2.080 (52.83)	.700 (17.78)	.800 (20.32)	—

Features: • Universal mounting and packaging capabilities • Contacts accommodate .015" (.38mm) through .021" (.53mm) rectangular or round dual-in-line leads • Wire wrap posts held to true position of .015" (.38mm) providing a true position of .020" (.51mm) on boards for efficient automatic wire wrapping **Specifications:** Socket Body: UL94V-0 glass-filled polyester **Notes:** Sockets meet requirements of Texas Instruments test specification TS-0003 and test report TR-0001. Accommodates standard (C) leads up to .001" x .018" (.03mm x .46mm). Sockets are capable of being automatically or simultaneously wire wrapped.

4-Pin Oscillator Sockets



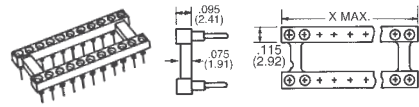
Specifications: • Socket Body: Blue UL94V-0 glass-filled polyester thermoplastic (PBT) • Pin Body Plating: 200µ minimum tin per MIL-T-10727 over 100µ minimum nickel per QQ-N-290 • Contact Plating: 10µ minimum gold per MIL-G-45204 over 50µ minimum nickel per QQ-N-290 • Contact Current Rating: 3A • Operating Temperature: 105°C • Insertion Force: 180 grams/pin; Withdrawal Force: 90 grams/pin; Normal Force: 140 grams/pin; based on a .018" (.46mm) diameter test lead • Accepts leads .015"-.025" (.38mm-.64mm) in diameter, .100"-.146" (2.54mm-3.71mm) in length

Size	Dimensions - Inch (mm)	Digi-Key Part No.	Price Each	Aries Part No.
Full	.600 (15.24) .700 (17.78)	A462-ND	\$.55 .47 .38	1107741
Half	.300 (7.62) .400 (10.16)	A463-ND	\$.55 .47 .38	1108800

Open Frame Machine Pin Collet Sockets



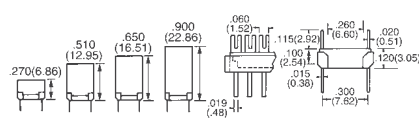
Specifications: • Contacts: Collet: Beryllium copper with 10µ gold plating; Body: Brass • Collet accepts .014"-.022" (.38mm-.56mm) diameter round leads • Platform: Glass-filled thermoplastic, UL94V-0 • Compatible with automatic insertion equipment • Collet is 10µ gold plated



Pin Centers Inch (mm)	No. of Pins	Dim. "X" Inch (mm)	Digi-Key Part No.	1	Pricing 25 100
.300 (7.62)	8	.400 (10.16)	A400-ND	.59	13.50 30.61
.300 (7.62)	14	.700 (17.78)	A401-ND	.78	18.00 40.82
.300 (7.62)	16	.800 (20.32)	A402AE-ND	.89	20.55 46.60
.300 (7.62)	18	.900 (22.86)	A403AE-ND	1.10	25.35 57.48
.300 (7.62)	20	1.000 (25.40)	A404AE-ND	.99	22.95 52.04
.300 (7.62)	24	1.200 (30.48)	A405-ND	1.24	28.83 65.14
.400 (10.16)	22	1.100 (27.97)	A406-ND	1.46	29.81 90.14
.400 (10.16)	24	1.200 (30.48)	A407-ND	1.66	33.86 102.38
.600 (15.24)	24	1.200 (30.48)	A408-ND	1.22	27.51 66.84
.600 (15.24)	28	1.400 (35.56)	A409AE-ND	1.45	32.83 79.76
.600 (15.24)	32	1.600 (40.64)	A410AE-ND	1.66	37.45 90.99
.600 (15.24)	40	2.000 (50.80)	A411-ND	1.93	43.61 105.95
.600 (15.24)	48	2.400 (60.96)	A412-ND	2.50	56.56 137.41
.900 (22.86)	50	2.500 (63.50)	A413-ND	3.31	67.67 204.59
.900 (22.86)	64	3.200 (81.28)	A414-ND	4.22	86.34 261.05

DIP Headers and Covers

Order Headers and Covers Separately



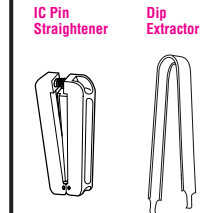
No. DIP Header Part No.	Pricing 1 25 100	Cover Selection Guide - Inch (mm)
8 A101-ND	1.11 24.26 78.57	A105-ND
14 A102AE-ND	1.56 34.18 110.71	A106-ND
16 A103-ND	1.69 36.96 119.73	A107-ND
18 A104-ND	1.89 41.37 134.01	A108-ND
20 A104AE-ND	2.02 44.10 142.88	A109-ND
24 A134-ND	2.47 54.02 175.00	A110-ND
28 A135-ND	2.90 63.42 205.44	A111-ND
40 A136-ND	3.83 83.79 271.43	A112-ND
		A113-ND
		A114-ND
		A115-ND
		A116-ND
		A117-ND
		A118-ND
		A119-ND
		A120-ND
		A121-ND
		A122-ND
		A123-ND
		A124-ND
		A125-ND

.600 Pin Spacing • RoHS Compliant

Cover Digi-Key Part Number	Pricing 1 25 100
A105-ND	.34 6.98 20.61
A106-ND	.34 6.98 20.61
A107-ND	.37 7.59 22.39
A108-ND	.37 7.59 22.39
A109-ND	.37 7.59 22.39
A110AE-ND	.37 7.59 22.39
A111-ND	.37 7.59 22.39
A112-ND	.40 8.14 24.02
A113-ND	.40 8.14 24.02
A114-ND	.43 8.74 25.80
A137-ND	.43 8.74 25.80
A138-ND	.45 9.60 27.57
A139-ND	.54 11.35 32.62
A140-ND	.60 12.59 36.17
A142-ND	.65 13.78 39.59

RoHS Compliant

ARIES ELECTRONICS, INC.

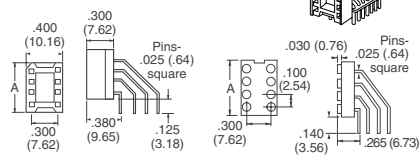


A998-ND Anti-Static IC Pin Straightener: Straighten IC legs with one squeeze. Fits .300" (.762mm) ICs in one side of the tool and .600" (15.24mm) ICs in the other side of the tool. Brings leads into tolerance of .320" (8.13mm) or .620" (15.75mm), respectively. **Note:** This tool does not straighten IC legs that are bent to such an extent that the pin-to-pin spacing is not .100" (2.54mm).

A999-ND Dip Extractor: An extremely handy, low-cost tool for removing ICs from dip sockets.

Part No.	Price Each
A998-ND	\$29.65/1
A999-ND	\$4.67/1
A999-ND	\$102.07/25

Vertisockets Vertical Mount

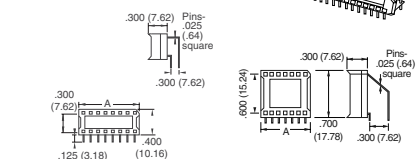


A117-ND - A121-ND **A122-ND - A125-ND**
Features: • Restricted entry for contact protection • Maximum electrical contact • Accepts standard LEDs, incandescent displays and large .5" (12.70mm) and .6" (15.24mm) high displays
Specifications: • **Contacts:** Grade A spring-tempered phosphor bronze • **Plating:** 10µ gold per MIL-G-45204 over 50µ nickel per QQ-N-290; 100µ tin plating per MIL-T-10727 over 50µ nickel per QQ-N-290 • **Socket:** Glass-filled thermoplastic

No. of Pins	Pin Centers Inch (mm)	Description	Dimension A Inch (mm)	Digi-Key Part No.	1	Pricing 25
8	.300 (7.62)	Gold Plated	.45 (11.43)	A117-ND	4.49	98.78
14	.300 (7.62)	Gold Plated	.75 (19.05)	A118-ND	5.33	117.26
16	.300 (7.62)	Gold Plated	.85 (21.59)	A119-ND	6.93	152.46
8	.600 (15.24)	Gold Plated	—	A466-ND	5.67	119.07
14	.300 (7.62)	Tin Plated	.75 (19.05)	A120-ND	3.97	87.23
16	.300 (7.62)	Tin Plated	.85 (21.59)	A121-ND	5.38	118.42
10	.300 (7.62)	Collet Contacts	.495 (12.57)	A122-ND	6.19	136.18
14	.300 (7.62)	Collet Contacts	.695 (17.65)	A123-ND	7.70	169.46
16	.300 (7.62)	Collet Contacts	.795 (20.19)	A124-ND	8.51	187.11
8	.600 (15.24)	Gold Plated	—	A464-ND	4.44	93.19
10	.200 (5.08)	Gold Plated	—	A465-ND	5.33	111.93

RoHS Compliant

Vertisockets Horizontal Mount



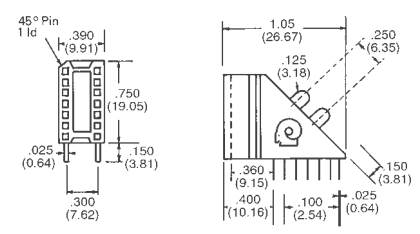
A126-ND - A129-ND **A130-ND - A132-ND**
Features: • Restricted entry for contact protection • Maximum electrical contact • Accepts standard LEDs, incandescent displays and large .5" (12.70mm) and .6" (15.24mm) high displays
Specifications: • **Contacts:** Grade A spring-tempered phosphor bronze • **Plating:** 10µ gold per MIL-G-45204 over 50µ nickel per QQ-N-290; 100µ tin plating per MIL-T-10727 over 50µ nickel per QQ-N-290 • **Socket:** Glass-filled thermoplastic

No. of Pins	Pin Centers Inch (mm)	Dimension A Inch (mm)	Digi-Key Part No.	1	Pricing 25 100
8	.300 (7.62)	.45 (11.43)	A126-ND	3.70	81.46 251.87
14	.300 (7.62)	.75 (19.05)	A127-ND	4.52	99.33 307.14
16	.300 (7.62)	.85 (21.59)	A128-ND	4.91	108.02 334.01
20	.300 (7.62)	1.05 (26.67)	A129-ND	6.04	132.83 410.71
24	.600 (15.24)	1.25 (31.75)	A130-ND	9.29	204.44 632.14
28	.600 (15.24)	1.45 (36.83)	A131-ND	10.42	229.30 709.01
40	.600 (15.24)	2.05 (52.07)	A132-ND	13.57	298.60 923.00

RoHS Compliant

Vertical Socket

For displays on .300" (7.62mm) centers, 14 pin
These low-cost Vertisockets are recommended for high-volume vertical display mounting applications.
Available in tin-plated only



Digi-Key Part No.	1	25	100	500	Aries Part No.
A116-ND	4.37	96.03	296.94	1310.02	14-810-90R