



## I.C. Sockets

### Dual Leaf Tin Plated Wire Wrap

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

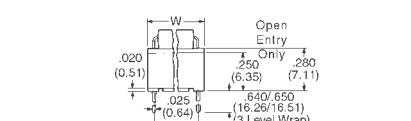
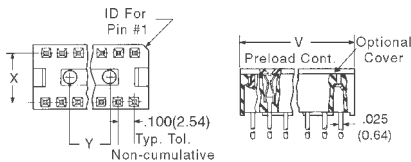
No. of Pins	Digi-Key Part No.	1	25	Pricing 100	500	1,000	Aries Part No.
8	C8108-ND	2.08	44.00	170.07	700.28	1300.52	C8108-04
14	C8114-ND	2.94	62.15	240.22	999.15	1836.98	C8114-04
16	C8116-ND	3.25	68.75	265.73	1094.19	2032.06	C8116-04
18	C8118-ND	3.38	71.50	276.36	1137.96	2113.35	C8118-04
20	C8120-ND	4.13	87.45	338.01	1391.81	2584.78	C8120-04
24	C8124-ND	5.23	110.55	427.30	1759.45	3267.56	C8124-04
28	C8128-ND	5.95	125.95	486.82	2004.55	3722.74	C8128-04
40	C8140-ND	8.55	180.95	699.40	2879.90	5348.39	C8140-04

◆ RoHS Compliant

### Dual Leaf Gold Inlay Wire Wrap

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

No. of Pins	Digi-Key Part No.	1	25	Pricing 100	500	1,000	Aries Part No.
8	C9108-ND	2.44	51.70	199.83	822.83	1528.11	C9108-00
14	C9114-ND	4.00	84.70	327.38	1348.04	2503.50	C9114-00
16	C9116-ND	4.60	97.35	376.28	1549.37	2877.40	C9116-00
18	C9118-ND	5.10	107.80	416.67	1715.69	3186.27	C9118-00
20	C9120-ND	5.64	119.35	461.31	1899.51	3527.66	C9120-00
22	C9122-ND	6.14	129.80	501.70	2065.83	3836.53	C9122-00
24	C9124-ND	6.76	143.00	552.72	2275.91	4226.69	C9124-00
28	C9128-ND	7.93	167.75	648.38	2669.82	4958.23	C9128-00
40	C9140-ND	10.95	231.55	894.98	3685.22	6843.99	C9140-00

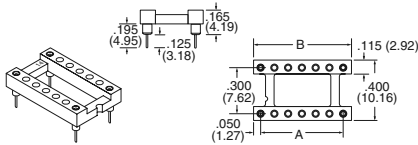


Pins	"V" ±.25 Inch (mm)	"W" Max. Inch (mm)	"X" ±.13 Inch (mm)	"Y" ±.25 Inch (mm)
8	.465 (11.81)	.400 (10.16)	.300 (7.62)	n/a
14	.765 (19.43)	.400 (10.16)	.300 (7.62)	.300 (7.62)
16	.865 (21.97)	.400 (10.16)	.300 (7.62)	.400 (10.16)
18	.965 (24.51)	.400 (10.16)	.300 (7.62)	.400 (10.16)
20	1.065 (27.05)	.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)	.500 (12.70)

**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



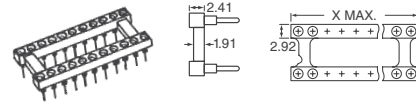
**Specifications:** • Socket Body: Blue UL94V-0 glass-filled polyester thermoplastic (PBT) • Pin Body Plating: 200µ minimum tin per MIL-T-10727 over 100µ minimum nickel per QQ-N-290 • Contact Plating: 10µ minimum gold per MIL-G-45204 over 50µ minimum nickel per QQ-N-290 • Contact Current Rating: 3A • 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	.58 .49 .40	1107741
Half	.300 (7.62) .400 (10.16)	A463-ND	.58 .49 .40	1108800

## Open Frame Machine Pin Collet Sockets



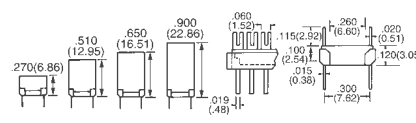
**Specifications:** • Contacts: Collet: Beryllium copper with 10µ" gold plating; Body: Brass • Collet accepts .014"-.022" (.38mm-.56mm) diameter round leads • Platform: Glass-filled thermoplastic, UL94V-0 • Compatible with automatic insertion equipment • Collet is 10µ" gold plated



Pin Centers mm	No. of Pins	Dim. "X" mm	Digi-Key Part No.	Pricing 1	25	Aries Part No.
7.62	8	10.16	A400-ND	.91	21.00	08-3518-10
7.62	14	17.78	A401-ND	1.20	27.75	14-3518-10
7.62	16	20.32	A402AE-ND	1.37	31.50	16-3518-10
7.62	18	22.86	A403AE-ND	1.69	39.00	18-3518-10
7.62	20	25.40	A404AE-ND	1.53	35.25	20-3518-10
7.62	24	30.48	A405-ND	1.92	44.25	24-3518-10
10.16	22	27.97	A406-ND	2.26	46.13	22-4518-10
10.16	24	30.48	A407-ND	2.56	52.31	24-4518-10
15.24	24	30.48	A408-ND	1.89	42.70	24-6518-10
15.24	28	35.56	A409AE-ND	2.26	51.10	28-6518-10
15.24	32	40.64	A410AE-ND	2.57	58.10	32-6518-10
15.24	40	50.80	A411-ND	3.01	67.90	40-6518-10
15.24	48	60.96	A412-ND	3.88	87.50	48-6518-10
22.86	50	63.50	A413-ND	5.12	104.63	50-9518-10
22.86	64	81.28	A414-ND	6.55	133.88	64-9518-10

## DIP Headers and Covers

Order Headers and Covers Separately



No. of Pins	Digi-Key Part No.	Pricing 1	25	Aries Part No.	Cover Selection Guide - Inch (mm)			
					.27 (6.86)	.51 (12.95)	.65 (16.51)	.90 (22.86)
8	A101-ND	1.10	24.15	08-600-10	A105-ND	A107-ND	A108-ND	A109-ND
14	A102AE-ND	1.56	34.13	14-600-10	A106-ND	A107-ND	A108-ND	A109-ND
16	A103-ND	1.68	36.75	16-600-10	A110AE-ND	A111-ND	A112-ND	A113-ND
18	A133-ND	1.90	41.48	18-600-10	A137-ND	A138-ND	A139-ND	A140-ND
20	A104AE-ND	2.02	44.10	20-600-10	A114-ND	A139-ND	A140-ND	A142-ND
24	A134-ND	2.47	54.08	24-600-10	A138-ND	A139-ND	A140-ND	A142-ND
28	A135-ND	2.90	63.53	28-600-10	A140-ND	A139-ND	A140-ND	A142-ND
40	A136-ND	3.84	84.00	40-600-10	A142-ND	A139-ND	A140-ND	A142-ND

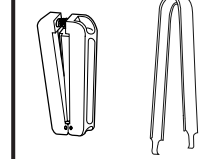
\*.600 Pin Spacing ◆ RoHS Compliant

Cover Digi-Key Part Number	Pricing 1	25	Aries Part No.
A105-ND	.34	6.98	08-650-10
A106-ND	.34	6.98	14-650-10
A107-ND	.37	7.59	14-650-20
A108-ND	.37	7.59	14-650-30
A109-ND	.37	7.59	14-650-40
A110AE-ND	.37	7.59	16-650-10
A111-ND	.37	7.59	16-650-20
A112-ND	.40	8.14	16-650-30
A113-ND	.40	8.14	16-650-40
A114-ND	.43	8.74	20-650-10
A137-ND	.43	8.74	18-650-10
A138-ND	.45	9.60	24-650-10
A139-ND	.54	11.35	24-650-20
A140-ND	.60	12.59	28-650-10
A142-ND	.65	13.78	40-650-10

◆ RoHS Compliant



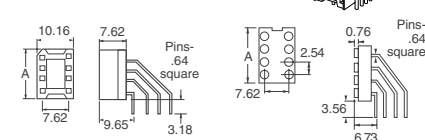
### IC Pin Straightener Dip Extractor



A998-ND	A999-ND	A999-ND Dip Extractor:
\$29.66/25	\$4.67/1	An extremely handy, low-cost tool for removing ICs from dip sockets.
\$648.81/25	\$102.07/25	

**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" (.1524mm) ICs in the other side of the tool. Brings leads into tolerance of .320" (.813mm) or .620" (.1575mm), 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" (.254mm).

## Vertisockets™ Vertical Mount

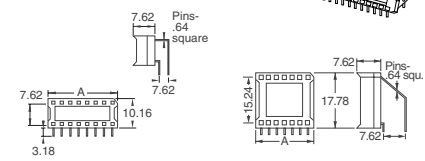


**A117-ND - A121-ND A122-ND - A125-ND**  
**Features:** • Restricted entry for contact protection • Maximum electrical contact • Accepts standard LEDs, incandescent displays and large .5" (12.70mm) and .6" (15.24mm) high displays  
**Specifications:** • Contacts: Grade A spring-tempered phosphor bronze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

No. of Pins	Pin Centers mm	Description	Dim. A mm	Digi-Key Part No.	Pricing 1	25	Aries Part No.
8	7.62	Gold Plated	11.43	A117-ND	6.05	133.10	08-810-90
14	7.62	Gold Plated	19.05	A118-ND	7.20	158.40	14-810-90
16	7.62	Gold Plated	21.59	A119-ND	9.35	205.70	16-810-90
8	15.24	Gold Plated	—	A466-ND	5.68	119.18	08-6810-90C
14	7.62	Tin Plated	19.05	A120-ND	5.35	117.70	14-810-90T
16	7.62	Tin Plated	21.59	A121-ND	7.28	160.05	16-810-90T
10	7.62	Collet Contacts	12.57	A122-ND	6.20	136.40	10-810-90C
14	7.62	Collet Contacts	17.65	A124-ND	7.70	169.40	14-810-90C
16	7.62	Collet Contacts	20.19	A125-ND	8.50	187.00	16-810-90C
8	15.24	Gold Plated	—	A464-ND	6.00	126.00	08-6810-90
10	5.08	Gold Plated	—	A465-ND	7.20	151.20	10-2810-90

◆ RoHS Compliant

## Vertisockets™ Horizontal Mount



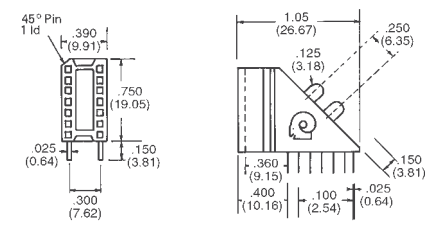
**A126-ND - A129-ND A130-ND - A132-ND**  
**Features:** • Restricted entry for contact protection • Maximum electrical contact • Accepts standard LEDs, incandescent displays and large .5" (12.70mm) and .6" (15.24mm) high displays  
**Specifications:** • Contacts: Grade A spring-tempered phosphor bronze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

No. of Pins	Pin Centers mm	Dim. A mm	Digi-Key Part No.	Pricing 1	25	Aries Part No.
8	7.62	11.43	A126-ND	5.00	110.00	08-823-90
14	7.62	19.05	A127-ND	6.10	134.20	14-823-90
16	7.62	21.59	A128-ND	6.63	145.75	16-823-90
20	7.62	26.67	A129-ND	8.15	179.30	20-823-90
24	15.24	31.75	A130-ND	12.55	276.10	24-6823-90
28	15.24	36.83	A131-ND	14.08	309.65	28-6823-90
40	15.24	52.07	A132-ND	18.33	403.15	40-6823-90

◆ RoHS Compliant

## Vertisockets™ Vertical Mount - Thrifty Model

For displays on .300" (.762mm) 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	Pricing 100	500	Aries Part No.
A116-ND	4.80	105.60	326.53	1440.58	14-810-90R

More Product Available Online: [www.digkey.com](http://www.digkey.com)

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