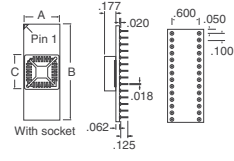


Surface Mount PLCC to DIP Adapters

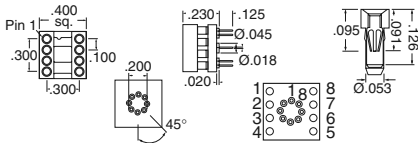
Materials: • Pins and Contacts: Phosphor bronze adapter • Body: FR-4, .062" (1.57mm) thick • Socket: LCP, UL94V-0 rated • Pads and Traces: 1 oz. minimum copper. **Plating:** • Pins: 200µ" tin per MIL-T-10727 over 100µ" nickel per QQ-N-290 • Contacts: 150µ" 90/10 tin/lead



No. of Pins	Dimensions - Inch	Digi-Key Part No.	Price Each	Aries Part No.
28	.77 1.40 .705	A326-ND	17.32 14.85	28-653000-10
32	.705 1.60 .805	A721-ND	27.88 23.42	32-653000-10
44	.97 2.20 .910	A327-ND	19.95 17.10	44-653000-10
68	1.28 3.40 1.220	A328-ND	23.09 19.79	68-653000-10
84	1.48 4.20 1.420	A329-ND	23.09 19.79	84-653000-10

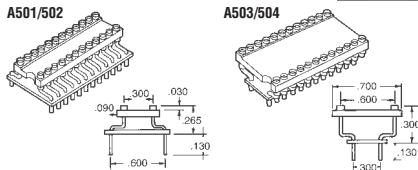
TO to DIP Adapter/Socket

Features: 8-pin DIP IC socket on the top and a circular 8-pin TO can male pin footprint on the bottom, can be readily mounted on boards having TO thru-hole footprints without having to redesign the board. **Specifications:** • Socket Body: Black UL94V-0 glass-filled polyester thermoplastic • Female Pin Body Plating: 200µ" minimum tin over 100µ" minimum nickel • Contact Plating: 10µ" minimum gold over 50µ" minimum nickel • Male Pin: Brass alloy 360 • Male Pin Plating: 200µ" minimum tin • Current rating: 3 Amps • Operating Temperature: 221°F (105°C) Tin plating • Accepts leads .015"-.025" (.38mm-.64mm) in diameter, .100"-.125" (2.54mm-3.18mm) long **Mounting Considerations:** Suggested PCB hole size: .028" (.71mm) diameter



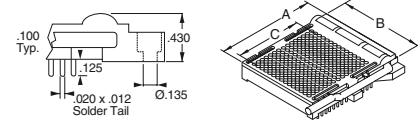
Digi-Key Part No.	1	Price Each	Aries Part No.
A330-ND	4.40	25 3.77 100 3.43 500 3.14	1109523

Adapter Sockets



No. of Pins	Description	Digi-Key Part No.	Price Each	Aries Part No.
24	.300 - .600	A501-ND	5.30 4.03 2.65	1106396-24
28	.300 - .600	A502-ND	5.79 4.41 2.90	1106396-28
24	.600 - .300	A503-ND	5.30 4.03 2.65	1107254-24
28	.600 - .300	A504-ND	5.79 4.41 2.90	1107254-28

PGA Zero Insertion Force (ZIF) Sockets



Features: • The Aries ZIF PGA is an extremely rugged, yet smooth acting test socket. • A strong metal cam activates the contacts which are normally closed. This prevents dependency on the plastic for contact force. • Housing of glass filled PPS, UL94V-0 rated **Specifications:** • Contacts: Beryllium copper • Temperature Rating: -65°C ~ 125°C • Housing: Glass filled PPS, UL94V-0 rated • Handle: Stainless steel

Grid Size	No. of Pins	Dimensions - Inch	Digi-Key Part No.	Price Each
13 x 13	169	1.894 1.675 1.200	A314-ND	21.38
15 x 15	225	2.094 1.875 1.400	A315-ND	26.64
17 x 17	289	2.294 2.075 1.600	A316-ND	32.49
19 x 19	361	2.494 2.275 1.800	A317-ND	39.08
21 x 21	441	2.694 2.475 2.000	A318-ND	46.45

◆ RoHS Compliant

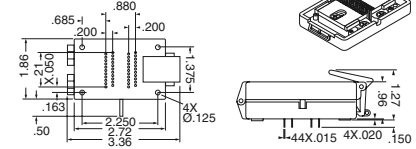
Surface Mount Universal SOIC Zero Insertion Force (ZIF) Test Sockets

Socket Accepts: SOIC gull wing & J-lead devices up to 44 pin devices; .050" (1.27mm) lead pitch; body widths from .15" (3.81mm) to .60" (15.24mm)

Materials:

• Body: Glass-filled PPS, UL94V-0 rated
• Contacts: Beryllium copper alloy per QQ-C-543
• Hardware: Stainless Steel

Plating: 20µ" minimum gold per MIL-G-45204 over 100µ" minimum nickel per QQ-N-290 over 20µ" minimum copper per MIL-C-14550



Digi-Key Part No.	Price Each	Aries Part No.
A339-ND	97.56	44-547-11
44 Pos. DIP Adapter (Converts A339-ND to standard 44 Pos. DIP)		
A728-ND	44.61	44-647-10

◆ RoHS Compliant

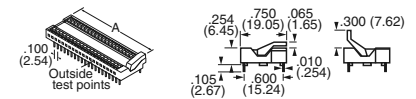
Zero Insertion Force (ZIF) Lo-Profile Sockets

Features:

A complete line of sizes, 24, 28 and 40 pin, low profile ZIF (zero insertion force) sockets provides a low cost solution for a test socket with a height of only .319" (8.10mm) [8, 10] and even with handle in open position, measures just .554" (14.07mm).

Specifications:

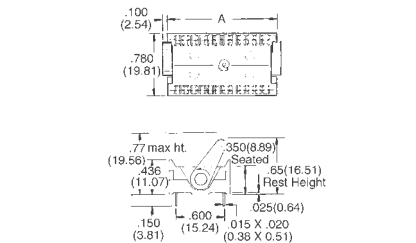
• Pin: Spring temper beryllium copper, tin plated • Body: Glass filled polyester, UL94V-0 rated. • Cam: Cast metal



No. of Pins	Dimension A Inch (mm)	Digi-Key Part No.	Price Each	Aries Part No.
24	1.450 (36.83)	A346-ND	6.29 5.72 4.87	24-526-10
28	1.650 (41.91)	A347-ND	5.93 5.40 4.59	28-526-10
40	2.250 (57.15)	A348-ND	7.13 6.48 5.51	40-526-10

Zero Insertion Force (ZIF) Sockets

Specifications: • Contacts: Heat treated beryllium copper • Plating: 100µ" tin plating per MIL-T-10727 • Sockets: Glass filled thermoplastic



No. of Pins	Dimension A Inch (mm)	Digi-Key Part No.	Price Each	Aries Part No.
24	1.30 (33.02)	A150-ND	7.73 6.96 6.58	24-516-10
28	1.62 (41.15)	A146-ND	8.31 7.49 7.07	28-516-10
40	2.10 (53.34)	A152-ND	10.96 9.87 9.33	40-516-10

◆ RoHS Compliant

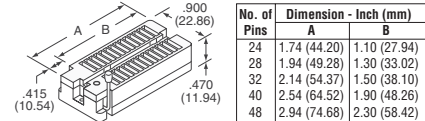
Universal Zero Insertion Force (ZIF) Test Sockets



The Aries Universal Test Socket is a direct replacement for other test sockets currently on the market, with a number of significant advantages.

Features:

• .900 (22.86) overall height with contact level up • Available 24, 28, 32, 40, 48 pins in body of UL94V-0 rated polyphenylene sulfide
• Contacts available tin plated (for up to 105°C) or gold plated (for up to 150°C) • Insulation Resistance - 1000MΩ minimum Dielectric withstanding voltage - 1000 VAC minimum • Contact rating - 1 amp • All pin count sockets (24, 28, 32, 40, 48) go into PCBs with .600 (15.24) centers. • Sockets can be soldered into PC boards or plugged into any socket. • Contacts are normally closed to eliminate dependence on plastic to sustain contact.



No. of Pins	Contact Plating	Digi-Key Part No.	Price Each	Aries Part No.
24	Tin	A300-ND	5.74 5.02 4.88	24-6554-10
24	Gold	A301AE-ND	8.29 7.26 7.06	24-6554-11
28	Tin	A302-ND	6.55 5.73 5.57	28-6554-10
28	Gold	A303-ND	8.99 7.87 7.65	28-6554-11
32	Tin	A304-ND	7.30 6.40 6.22	32-6554-10
32	Gold	A305-ND	9.98 8.73 8.49	32-6554-11
40	Tin	A306-ND	8.73 7.64 7.43	40-6554-10
40	Gold	A307-ND	11.89 10.41 10.12	40-6554-11
48	Tin	A308-ND	10.24 8.96 8.71	48-6554-10
48	Gold	A309-ND	13.91 12.18 11.83	48-6554-11

Quick-Release Universal ZIF Test Socket



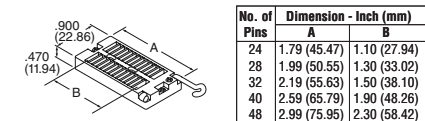
Features:

• Aries' Universal Test Socket accepts devices on .300" (7.62mm) to .600" (15.24mm) centers • Sockets go into PCB .600" (15.24mm) centers • Swing quick-release handle down to open contacts and insert device. Release and handle automatically returns as contacts close onto device leads.

Specifications:

• Socket Body: Black UL94V-0 Glass-filled Polyphenylene Sulfide (PPS)
• Handle: stainless steel
• Contact Current Rating: 1 amp
• Insulation Resistance: 1000MΩ minimum
• Life Cycle: 25,000 - 50,000 cycles
• Operating Temperature: 221°F (105°C) Tin plating; 302°F (150°C) Gold plating

• Retention Force (when closed): 55 grams/pin based on a .020" (.51mm) diameter test lead • Accepts leads .015"-.035" (.38mm-.89mm) wide, .100"-.280" (2.79mm-7.11mm) long



No. of Pins	Description	Digi-Key Part No.	Price Each	Aries Part No.
24	Tin Plated	A439-ND	8.66 7.28 5.89	24-6574-10
24	Gold Plated	A440-ND	10.02 8.42 6.82	24-6574-11
28	Tin Plated	A441-ND	9.87 8.30 6.72	28-6574-10
28	Gold Plated	A442-ND	13.58 11.41 9.24	28-6574-11
32	Tin Plated	A443-ND	11.13 9.35 7.57	32-6574-10
32	Gold Plated	A444-ND	15.17 12.75 10.33	32-6574-11
40	Tin Plated	A445-ND	13.16 11.06 8.96	40-6574-10
40	Gold Plated	A446-ND	17.95 15.08 12.22	40-6574-11
48	Tin Plated	A447-ND	15.45 12.98 10.51	48-6574-10
48	Gold Plated	A448-ND	21.00 17.64 14.29	48-6574-11

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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