



# DIP SOCKETS ICA SERIES

Mates with: AP, APS, APO, APA, APE

**ROW SPACING &** NO. OF CONTACTS

No. of

Row

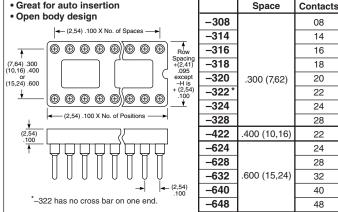
**OPTION** 

**PLATING OPTION** 

(Leave Blank for Standard Version)

#### Specify from chart below

- Side & end stackable
- · Great for auto insertion



## GG

= 30µ" (0,76µm) Gold contact, 10μ" (0,25μm) Gold Shell

GT

= 30µ" (0,76µm) Gold contact, Tin Shell

=Tin contact and shell (-S,-ZS,-W, -ZW only)

**ST** = 10μ" (0,25μm) Gold contact, Tin shell (Styles -S & -ZS only)

### .360 (9,14) Tail

Option Requires Style
-W or -ZW Specify desired suffix for shorter Wire-Wrap tail.

Wire-Wrap

3 .260 (6,60) Tail

Requires Style -S or -ZS = Locking

<u>●00|0000</u> Requires GT Plating Option

#### **ALSO AVAILABLE**

RoHS compliant options. Call Samtec. DIP Adaptors. Request ICA

Fact Sheet.

Socket

ROHS Compliant

#### **SPECIFICATIONS**

For complete specifications see www.samtec.com?ICA

Insulator Material: Black Glass Filled Polyester except -328 is LCP Contact: BeCu Shell: Brass except style K Phosphor Bronze Plating: Au or Sn over 50µ" Ni Flammability Rating: UL 94V-O Insulation Resistance: 5000 MO min Temperature Range:

-55°C to +105°C with Tin -55°C to +125°C with Gold. Withstanding Voltage: 1000 VRMS Current Rating: 1A Contact Resistance: 10mΩ max Lead Size Range: .015" (0,38mm) to .022"

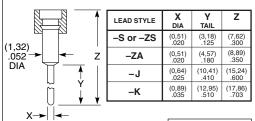
(0,56mm) DIA and most IC leads Insertion Force: (Single contact only) Standard = 9 oz avg, 16 oz max; Low Insertion Force = 2.5 oz avg, 5.5 oz max Withdrawal Force:

(Single contact only) Standard = 2.5 oz avg, 1.5 oz min: Low Insertion Force = 2.0 oz avg, 0.35 oz min Lead-Free Solderable: Wave only RoHS Compliant: No

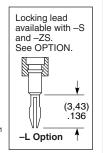
Note: Some sizes, styles and options are non-standard.

## $\overline{-S}$ , $\overline{-ZS}$ , $\overline{-ZA}$ , $\overline{-J}$ , or $\overline{-K}$

= Printed Circuit -ZS & -ZA = Low Insertion Force

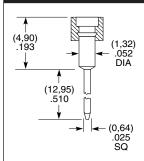


Insertion Depth = .095" (2.41) to .145" (3.68): Insertion Depth = .095" (2.41) to .145" (3.68): Style S Component Part No. = SC-1P1 Style ZS Component Part No. = EZ-1P1 Style ZS Component Part No. = EZ-6P1 Option L Component Part No. = SC-1L1 or EZ-1L1 Insertion Depth = .095" (2.41) to .138" (3.51) Style J Component Part No. = SC-1P3 Insertion Depth = .125" (3.18) to .157" (3,99) Style K Component Part No. = SC-2P1



## –W, –ZW

= Wire-Wrap ZW = Low Insertion Force

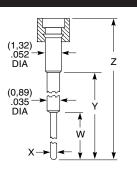


Shorter wire-wrap tail lengths available See OPTION.

Insertion Depth = .125" (3.18) to .157" (3.99) nsertion Depth = .125° (3,18) to .157° (3,99) Style W Component Part No. = SC-1W1(1) Style ZW Component Part No. = EZ-1W1(1) Style W-2 Component Part No. = SC-1W1(2) Style ZW-2 Component Part No. = EZ-1W1(2) Style W-3 Component Part No. = SC-1W1(3) Style ZW-3 Component Part No. = SC-1W1(3)

## −ZE or −ZH

= Elevated **Low Insertion Force** 



| STYLE | X<br>DIA | TAIL   | Υ       | Z       |
|-------|----------|--------|---------|---------|
| –ZE   | (0,51)   | (4,32) | (8,86)  | (13,77) |
|       | .020     | .170   | .349    | .542    |
| –ZH   | (0,46)   | (3,81) | (12,95) | (17,86) |
|       | .018     | .150   | .510    | .703    |

Insertion Depth = 125" (3.18) to 170" (4.32) Style ZE Component Part No. = EZ-2P3
Insertion Depth = .125 (3,18) to .170 (4,32)
Insertion Depth = .125" (3,18) to .145" (3,68)
Style ZH Component Part No. = EZ-2P2

Due to technical progress, all designs, specifications and components are subjective www.samtec.com subject to change without notice.