



# DIP SOCKETS ICA SERIES

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

ICA	ROW SPACING & NO. OF CONTACTS	STYLE OPTION	PLATING OPTION	OPTION (Leave Blank for Standard Version)
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**Specify from chart below**

- Side & end stackable
- Great for auto insertion
- Open body design

Style	Row Space	No. of Contacts
-308	.300 (7,62)	08
-314		14
-316		16
-318		18
-320		20
-322*		22
-324	.400 (10,16)	24
-328		28
-422	.600 (15,24)	22
-624		24
-628		28
-632		32
-640		40
-648		48

\*-322 has no cross bar on one end.

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

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

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

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

**-2**  
= .360 (9,14)  
Tail  
**Wire-Wrap Option**  
Requires Style  
-W or -ZW  
Specify desired  
suffix for shorter  
Wire-Wrap tail.

**-3**  
= .260 (6,60)  
Tail  
**-L**  
= Locking  
Socket  
Requires Style  
-S or -ZS  
Requires GT  
Plating Option

**ALSO AVAILABLE**  
RoHS compliant options.  
Call Samtec.  
DIP Adaptors.  
Request ICA Fact Sheet.

**SPECIFICATIONS**  
For complete specifications see [www.samtec.com/ICA](http://www.samtec.com/ICA)

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

**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 MΩ 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

**-S, -ZS, -ZA, -J, or -K**  
= Printed Circuit  
-ZS & -ZA = Low Insertion Force

LEAD STYLE	X DIA	Y TAIL	Z
-S or -ZS	(0,51) .020	(3,18) .125	(7,62) .300
-ZA	(0,51) .020	(4,57) .180	(8,89) .350
-J	(0,64) .025	(10,41) .410	(15,24) .600
-K	(0,89) .035	(12,95) .510	(17,86) .703

Insertion Depth = .095" (2,41) to .145" (3,68)  
Style S Component Part No. = SC-1P1  
Style ZS Component Part No. = EZ-1P1  
Style ZA 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

Locking lead available with -S and -ZS. See OPTION.

-L Option

**-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)  
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. = EZ-1W1(3)

**-ZE or -ZH**  
= Elevated  
Low Insertion Force

LEAD STYLE	X DIA	W TAIL	Y	Z
-ZE	(0,51) .020	(4,32) .170	(8,86) .349	(13,77) .542
-ZH	(0,46) .018	(3,81) .150	(12,95) .510	(17,86) .703

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