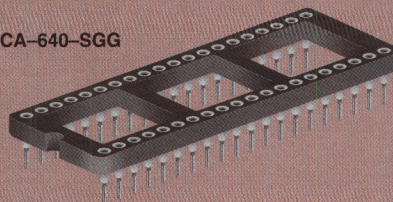
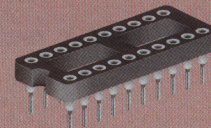


ICA-640-SGG



ICA-320-STT



DIP SOCKETS ICA SERIES

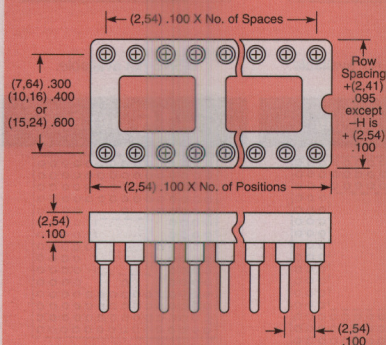
Mates with:
AP, APS, APO,
APA, APE

ICA

ROW SPACING &
NO. OF CONTACTSSTYLE
OPTIONPLATING
OPTIONOPTION
(Leave Blank for
Standard Version)

Specify from chart below

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



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

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
SocketRequires Style
-S or -ZS

Requires GT
Plating Option

SPECIFICATIONS

For complete specifications
see www.samtec.com/ICA

Insulator Material:

Black Glass Filled

Polyester

except -328 is LCP

Flammability Rating:

UL 94V-0

Insulation Resistance:

5000 MΩ min

Temperature Range:

-65°C to +105°C with Tin

-65°C to +125°C with Gold.

Withstanding Voltage:

1000 VRMS

Contact: BeCu

Shell: Brass except style K

Phosphor Bronze

Plating: Au or Sn over 50μ" Ni

Current Rating: 1A

Contact Resistance:

10 mΩ max

Lead Size Range:

.015" to .022" (0,38mm to

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

Note: Some sizes, styles and

options are non-standard,

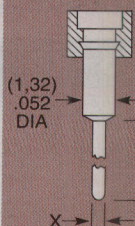
non-returnable.



-S, -ZS, -ZA, -J, or -K

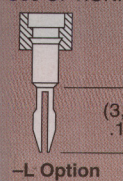
= Printed Circuit

-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

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

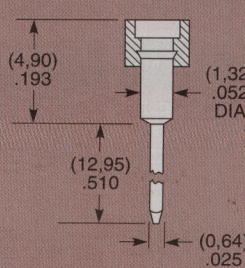


Insertion Depth = .095" (2,41) to .145" (3,68):
Style S Component Part No. = SC-1P1
Style ZS Component Part No. = EZ-1P1
Style ZA Component Part No. = EZ-6P1
Option L Component Part No. = SC-1L1 or EZ-1L1
Insertion Depth = .095" (2,41) to .138" (3,51)
Style J Component Part No. = SC-1P3
Insertion Depth = .125" (3,18) to .157" (3,99)
Style K Component Part No. = SC-2P1

-W, -ZW

= Wire-Wrap

ZW = Low Insertion Force



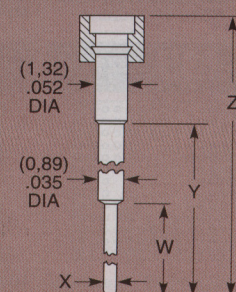
Shorter wire-wrap tail
lengths available.
See OPTION.

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

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

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