samtec

ICA–320–SGT

ICA–624–ZEGG

(2,54mm) .100"

ICA SERIES

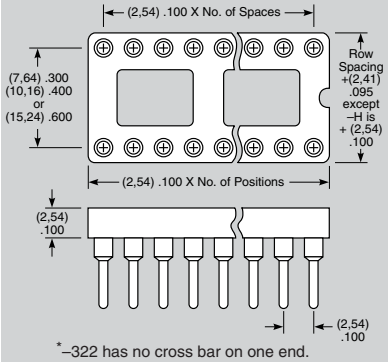
AUTOMATED INSERTION DIP SOCKETS

Mates with:
APA

ICA – **ROW SPACING & NO. OF CONTACTS** – **STYLE OPTION** | **PLATING OPTION** – **OPTION (Leave Blank for Standard Version)**

Specify from chart below

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



*–322 has no cross bar on one end.

	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

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

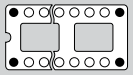
–2
= .360 (9,14) Tail

–3
= .260 (6,60) Tail

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

–L
= Locking Socket

Requires Style –S or –ZS



Requires GT Plating Option

SPECIFICATIONS

For complete specifications see www.samtec.com?ICA

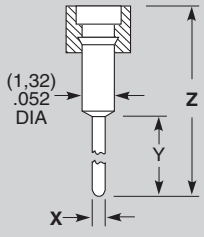
Insulator Material: Black Glass Filled Polyester
except -328 is LCP
Contact: BeCu
Shell: Brass
Plating: Au or Sn over 50µ" Ni
Flammability Rating: UL 94V-O
Insulation Resistance: 5000 MΩ min
Temperature Range: -55°C to +105°C with Tin
-55°C to +125°C with Gold.
Withstanding Voltage: 1000 VRMS
Current 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
RoHS Compliant: Yes

FILE NO. E111594

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

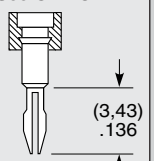
–S, –ZS, –ZA

= 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

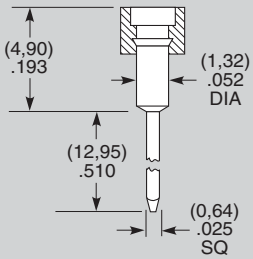
Locking lead available with –S and –ZS. See OPTION.



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

–W, –ZW

= Wire-Wrap
ZW = Low Insertion Force

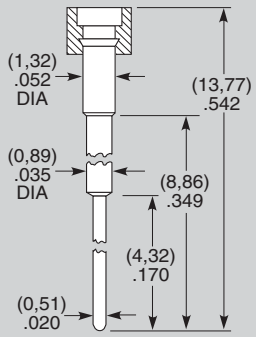


Shorter wire-wrap tail lengths available. See OPTION.

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

= Elevated
Low Insertion Force



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

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

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