



ICA-320-SGT



ICA-624-ZEGG

(2,54mm) .100"

ICA SERIES

AUTOMATED INSERTION DIP SOCKETS

Mates with:
APA

ICA

ROW SPACING &
NO. OF CONTACTS

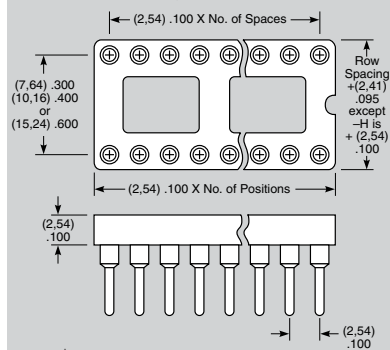
STYLE
OPTION

PLATING
OPTION

OPTION
(Leave Blank for
Standard Version)

Specify from chart below

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



| | 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 |

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

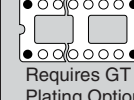
**Wire-Wrap
Option**

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

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

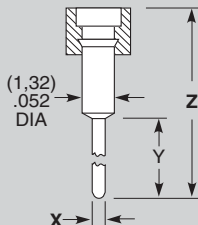
RoHS Compliant: Yes

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

-S, -ZS, -ZA

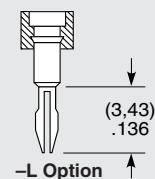
= Printed Circuit

-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.



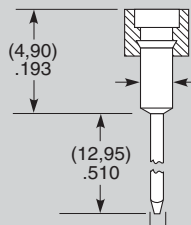
Insertion Depth = .095" (2,41) to .145" (3,68):

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



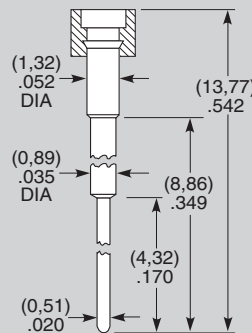
Shorter wire-wrap tail
lengths available.
See OPTION.

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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