

SOCKET STRIPS SS, SD, ESS, ESD & HSS SERIES

Mates with:
TS, TD, HTS, BBS,
BBD, BBL, BDL, BHS,

SPECIFICATIONS

For complete specifications
see www.samtec.com?SS,
www.samtec.com?ESS,
www.samtec.com?SD or
www.samtec.com?ESD

SS, SD, ESS, ESD

Insulator Material:

Black Glass Filled

Polyester

Operating Temp

Range:

-65°C to +125°C

Contact:

BeCu

Shell:

Brass except Styles 5A

Phosphor Bronze

Current Rating: 1A

Plating:

Au over 50µ" (1,27µm) Ni or Sn

over 50µ" (1,27µm) Ni

Contact Resistance:

10 m max

Lead Size Range:

(0,38mm to 0,56mm) .015" to

.022" DIA and most IC leads

Insertion Force:

(Single contact only)

Standard=

9oz (2,50N) avg,

16oz (4,45N) max

Low Insertion Force=

2.5oz (0,70N) avg,

5.5oz (1,53N) max

Withdrawal Force:

(Single contact only)

Standard=

2.5oz (0,70N) avg,

1.5oz (0,42N) min

Low Insertion Force=

2.0oz (0,56N) avg,

0.35oz (0,10N) min

Insertion Depth: (-03 thru -08,

-1X & -21X, -5A)

(3,18mm to 3,99mm)

.125" to .157"

Insertion Depth:

(-2, -22, -18, -38)

(2,41mm to 3,68mm)

.095" to .145"

Insertion Depth: (-7)

(2,41mm to 3,51mm)

.095" to .138"

SPECIFICATIONS

For complete specifications
see www.samtec.com?HSS

HSS

Same as SS

except:

Insulator Material:

Black Liquid Crystal Polymer

Max Processing Temp:

230°C for 30 to 60 sec.

TYPE STRIP	1	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION
------------	---	------------------	----------------	------------	--------	--------------

01 thru 32

= SS, ESS Series

01 thru 36

= HSS, SD & ESD Series

SS

= Standard Single Row Socket

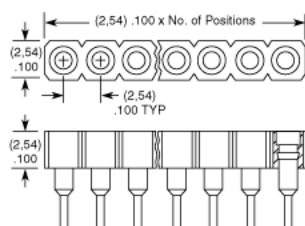
HSS

= High Temp Single Row Socket

ESS

= Elevated Single Row Socket

Styles -5A & -03 thru -08 socket heads not countersunk.



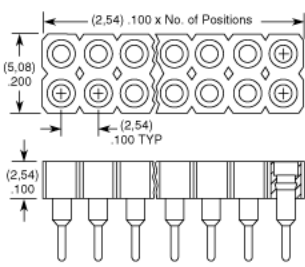
SD

= Standard Double Row Socket

ESD

= Elevated Double Row Socket

Style -5A not available.
Styles -5A & -03 thru -08 socket heads not countersunk.



LIF= Low Insertion Force

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

-G

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

-T

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

-S

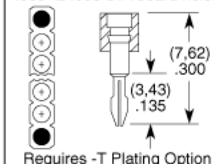
= 10µ" (0,25µm) Gold contact,
Tin shell
(Styles 2 & 22 only)

-TT

= Tin contact and shell
(Styles 1, 2, 18 and 21 only)
(and 03 thru 08, except LIF N/A)

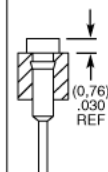
-L = Locking Socket

Add -L suffix for locking lead socket in end positions. Requires Style -2 or -22 and .035" ± .003 DIA board hole.



Requires -T Plating Option

-N = Non Flush



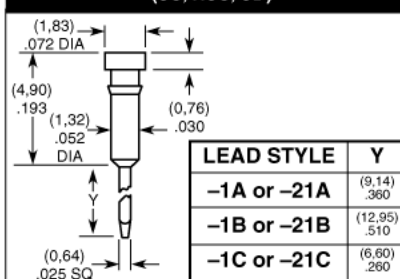
N/A Style -5A

ALSO AVAILABLE

Other lead styles available.
Request FactSheet.

-1A, -1B or -1C

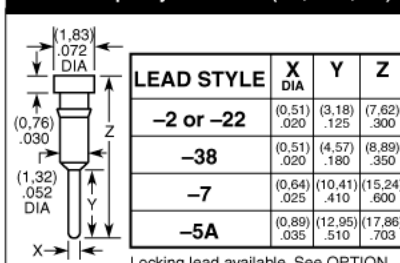
For LIF specify -21A, -21B or -21C
(SS, HSS, SD)



LEAD STYLE	Y
-1A or -21A	(9,14) .360
-1B or -21B	(12,95) .510
-1C or -21C	(6,60) .260

-2, -22*, -5A,
-7 or -38*

*For LIF specify -22 or -38 (SS, HSS, SD)

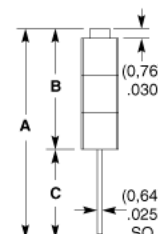


LEAD STYLE	X DIA	Y	Z
-2 or -22	(0,51) .020	(3,18) .125	(7,62) .300
-38	(0,51) .020	(4,57) .180	(8,89) .350
-7	(0,64) .025	(10,41) .410	(15,24) .600
-5A	(0,89) .035	(12,95) .510	(17,86) .703

Locking lead available. See OPTION.

-03, -04, -05,
-06, -07 -08

For LIF specify -23, -24,
-25, -26, -27, -28
(ESS, ESD)



LEAD STYLE	A	B	C
03 or 23	(11,51) .453	(8,38) .330	(3,12) .123
04 or 24	(14,05) .553	(10,92) .430	(3,12) .123
05 or 25	(17,86) .703	(13,46) .530	(4,39) .173
06 or 26	(14,05) .553	(8,38) .330	(5,66) .223
07 or 27	(17,86) .703	(10,92) .430	(6,93) .273
08 or 28	(17,86) .703	(8,38) .330	(9,47) .373

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047
 SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
 SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-87420413
 SAMTEC CHINA • Tel: 86-21-5385-4089 • Fax: 86-21-5385-4047
 SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
 SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
 SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
 SAMTEC TAIWAN • Tel: 886-02-2364-6077 • Fax: 886-02-2367-9531
 SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745
 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
 SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
 SAMTEC JAPAN • Tel: 81-424-42-8318 • Fax: 81-424-42-8319