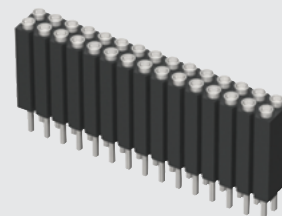


SS-132-G-2



ESD-115-TT-05

(2,54 mm) .100"

SS, SD, ESD, ESS, HSS SERIES

PRECISION MACHINED SOCKET STRIPS

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,
www.samtec.com?ESD or
www.samtec.com?HSS

Insulator Material:

SS, SD, ESS, ESD= Black G.F. Polyester
HSS= Black Liquid Crystal Polymer

Contact:

BeCu

Shell:

Brass except Style 5A

Phosphor Bronze

Plating:

Au over 50µ" (1,27 µm) Ni or

Sn over 50µ" (1,27 µm) Ni

Operating Temp Range:

-55°C to +125°C

Contact Resistance:

10 mΩ

Lead Size Range:

(0,38 mm to 0,56 mm)

.015" to .022" DIA

and most IC leads

Insertion Force:

(Single contact only)

Standard=

9 oz (2,50 N) avg.,

16 oz (4,45 N) max

Low Insertion Force=

2.5 oz (0,70 N) avg.,

5.5 oz (1,53 N) max

Withdrawal Force:

(Single contact only)

Standard=

2.5 oz (0,70 N) avg.,

1.5 oz (0,42 N) min

Low Insertion Force=

2.0 oz (0,56 N) avg.,

0.35 oz (0,10 N) min

Insertion Depth:

(-05, -1X & -21X, -5A)

(3,18 mm) .125" to

(3,99 mm) .157"

Insertion Depth:

(-2, -22, -38)

(2,41 mm) .095" to

(3,68 mm) .145"

RoHS Compliant:

Yes

Lead-Free Solderable:

Wave only

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

Note:

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

TYPE STRIP

1

NO. PINS PER ROW

01 thru 32

= SS, ESS Series

01 thru 36

= HSS, SD & ESD Series

SS

= Standard
Single Row Socket

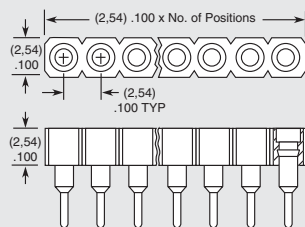
HSS

= High Temp
Single Row Socket

ESS

= Elevated Single Row Socket

Styles -5A & -05 socket
heads not countersunk.



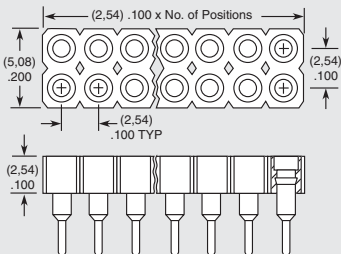
SD

= Standard Double
Row Socket

ESD

= Elevated Double
Row Socket

Style -5A not available.
Styles -5A & -05 socket
heads not countersunk.



LIF= Low Insertion Force

PLATING OPTION

-S

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

-T

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

-G

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

-TT

= Tin contact and shell
(Styles 1, 2, 4, and 05
except LIF N/A)

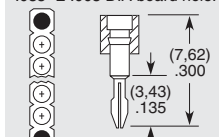
LEAD STYLE

OPTION

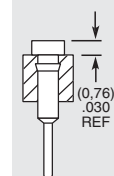
OTHER OPTION

-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

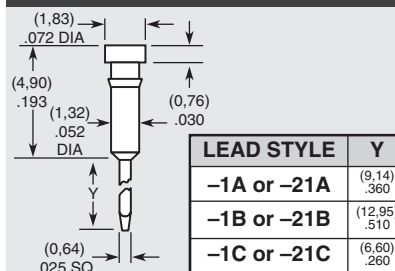
N/A Style -5A

ALSO AVAILABLE (MOQ Required)

- Locking lead option on ESS and ESD series
- Contact Samtec.

-1A, -1B or -1C

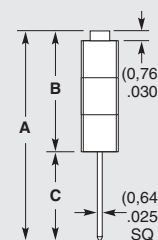
For LIF specify -21A, -21B or -21C
(SS, HSS, SD)



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

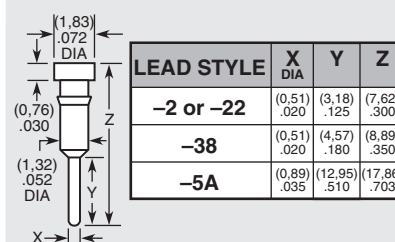
-03, -04, -05

For LIF specify -23
(ESS, ESD)



-2, -22*, -5A,
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
-5A	(0,89) .035	(12,95) .510	(17,86) .703

Locking lead available. See OPTION.

LEAD STYLE	A	B	C
05	(17,86) .703	(13,46) .530	(4,39) .173
03 or 23	(11,51) .453	(8,38) .330	(3,12) .123
04	(14,05) .553	(10,92) .430	(3,12) .123