



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](http://www.samtec.com?SS),  
[www.samtec.com?ESS](http://www.samtec.com?ESS),  
[www.samtec.com?SD](http://www.samtec.com?SD),  
[www.samtec.com?ESD](http://www.samtec.com?ESD) or  
[www.samtec.com?HSS](http://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 50  $\mu$ " (1.27  $\mu$ m) Ni or

Sn over 50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +125 °C

### Lead Size Range:

(0.38 mm to 0.56 mm)

.015" to .022" DIA

and most IC leads

### RoHS Compliant:

Yes

### Lead-Free Solderable:

SS, SD, ESS, ESD:

No, Lead Wave only

HSS: Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

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

**01 thru 32**  
=SS, ESS Series

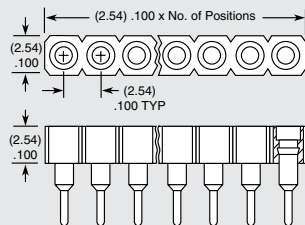
**01 thru 36**  
=HSS, SD & ESD Series

**SS**  
= Standard  
Single Row Socket

**HSS**  
= High Temp  
Single Row Socket

**ESS**  
= Elevated Single Row Socket

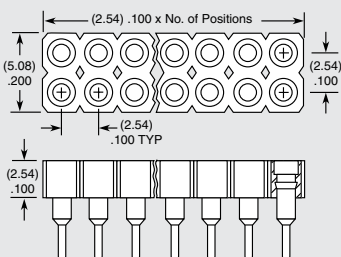
Styles -5A & -05 socket heads not countersunk.



**SD**  
= Standard Double Row Socket

**ESD**  
= Elevated Double Row Socket

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



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

**-S**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold contact, Tin shell (Styles 2 & 22 only)

**-T**  
= 30  $\mu$ " (0.76  $\mu$ m) Gold contact, Tin shell

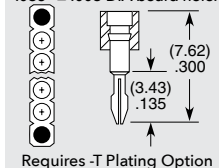
**-G**  
= 30  $\mu$ " (0.76  $\mu$ m) Gold contact, 10  $\mu$ " (0.25  $\mu$ m) Gold shell

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

LIF= Low Insertion Force

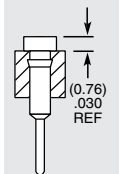
**-L** = Locking Socket

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



Requires -T Plating Option

**-N**  
= Non Flush

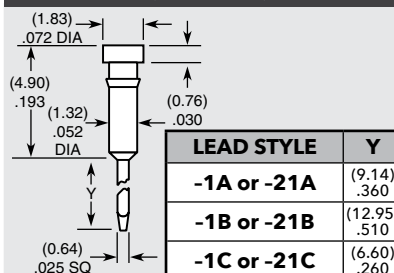


N/A Style -5A

## ALSO AVAILABLE (Contact Samtec)

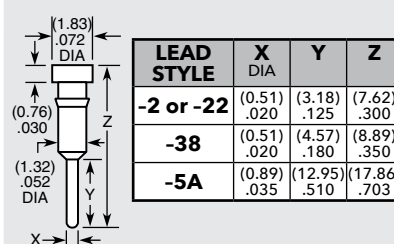
- Locking lead option on ESS and ESD series

**-1A, -1B OR -1C**  
For LIF specify -21A, -21B or -21C (SS, HSS, SD)



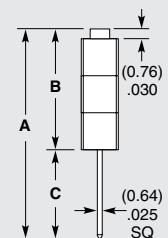
**-2, -22\*, -5A, or -38\***

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



Locking lead available. See OPTION.

**-03, -04, -05**  
For LIF specify -23 (ESS, ESD)



| 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 |