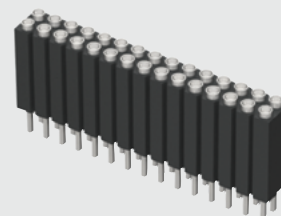


SS-132-G-2



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

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Wave only

## 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 &amp; ESD Series

SS

= Standard  
Single Row Socket

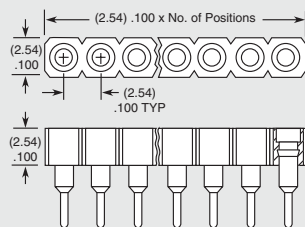
HSS

= High Temp  
Single Row Socket

ESS

= Elevated Single Row Socket

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



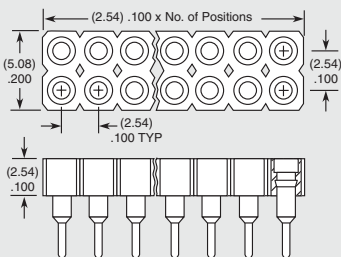
SD

= Standard Double  
Row Socket

ESD

= Elevated Double  
Row Socket

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

PLATING  
OPTION

-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

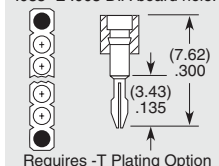
= Tin contact and shell  
(Styles 1, 2, 4, and 05  
except LIF N/A)

LIF= Low Insertion Force

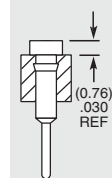
OPTION

-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

OTHER  
OPTION-N  
= Non  
Flush

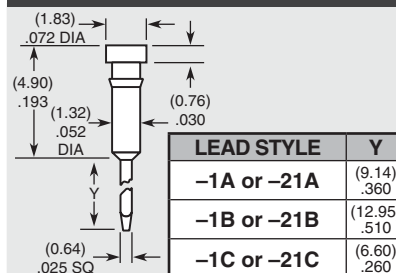
N/A Style -5A

## ALSO AVAILABLE (MOQ Required)

- Locking lead option on ESS and ESD series

-1A, -1B or -1C

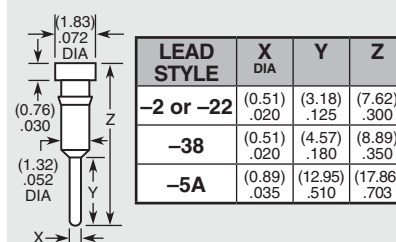
For LIF specify -21A, -21B or -21C  
(SS, HSS, SD)



| LEAD STYLE  | Y               |
|-------------|-----------------|
| -1A or -21A | (9.14)<br>.360  |
| -1B or -21B | (12.95)<br>.510 |
| -1C or -21C | (6.60)<br>.260  |

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

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

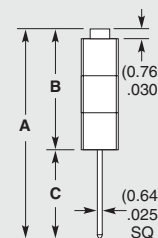


| LEAD STYLE | X DIA          | Y               | Z               |
|------------|----------------|-----------------|-----------------|
| -2 or -22  | (0.51)<br>.020 | (3.18)<br>.125  | (7.62)<br>.300  |
| -38        | (0.51)<br>.020 | (4.57)<br>.180  | (8.89)<br>.350  |
| -5A        | (0.89)<br>.035 | (12.95)<br>.510 | (17.86)<br>.703 |

Locking lead available. See OPTION.

-03, -04, -05

For LIF specify -23  
(ESS, ESD)



| LEAD STYLE | A               | B               | C              |
|------------|-----------------|-----------------|----------------|
| -05        | (17.86)<br>.703 | (13.46)<br>.530 | (4.39)<br>.173 |
| -03 or -23 | (11.51)<br>.453 | (8.38)<br>.330  | (3.12)<br>.123 |
| -04        | (14.05)<br>.553 | (10.92)<br>.430 | (3.12)<br>.123 |

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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.