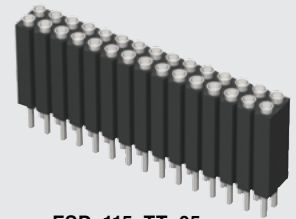


SS-132-G-2



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

### Contact Resistance:

10 m $\Omega$

### Lead Size Range:

(0.38 mm to 0.56 mm)

.015" to .022" DIA

and most IC leads

### 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

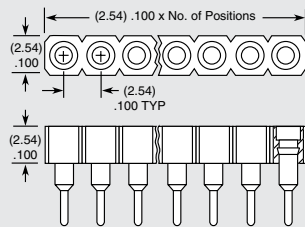
**01 thru 36**  
= HSS, SD & ESD Series

**SS**  
= Standard  
Single Row Socket

**HSS**  
= High Temp  
Single Row Socket

**ESS**  
= Elevated Single Row Socket

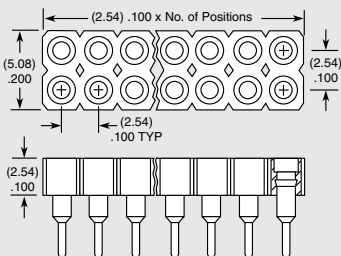
Styles -5A & -05 socket  
heads not countersunk.



**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

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

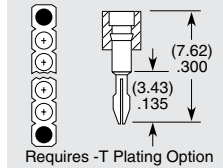
**-T**  
= 30  $\mu$ " (0.76  $\mu$ m) Gold contact,  
Tin shell

**-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)

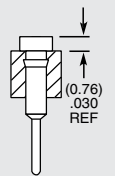
**-L** = Locking  
Socket

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

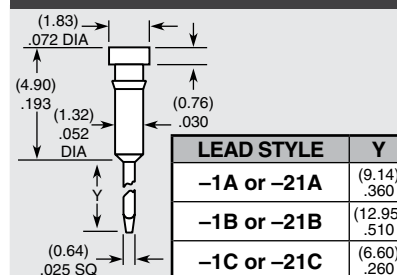


N/A Style -5A

## ALSO AVAILABLE (MOQ Required)

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

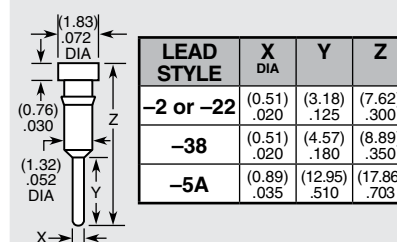
**-1A, -1B or -1C**  
For LIF specify -21A, -21B or -21C  
(SS, HSS, SD)



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

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

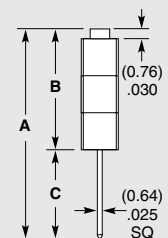
\*For LIF specify -22 or -38 (SS, HSS, SD)



| 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.