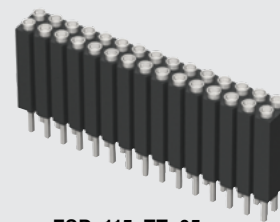


SS-132-G-2



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](http://www.samtec.com)?SS, [www.samtec.com](http://www.samtec.com)?ESS, [www.samtec.com](http://www.samtec.com)?SD, [www.samtec.com](http://www.samtec.com)?ESD or [www.samtec.com](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 &amp; ESD Series

SS

= Standard  
Single Row Socket

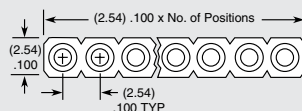
HSS

= High Temp  
Single Row Socket

ESS

= Elevated Single Row Socket

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



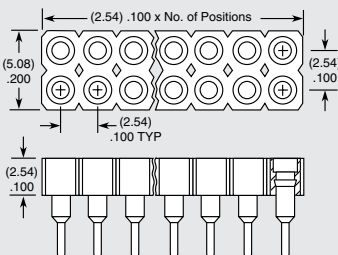
SD

= Standard Double  
Row Socket

ESD

= Elevated Double  
Row Socket

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



-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

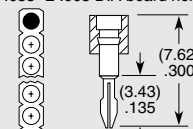
= 30  $\mu$ " (0.76  $\mu$ m) Gold contact,  
10  $\mu$ " (0.25  $\mu$ m) Gold shell

-TT

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

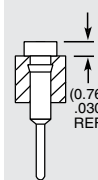
-L = Locking  
Socket

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

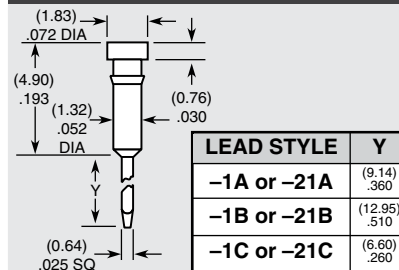
N/A Style -5A

## ALSO AVAILABLE (MOQ Required)

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

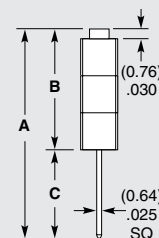
-1A, -1B or -1C

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

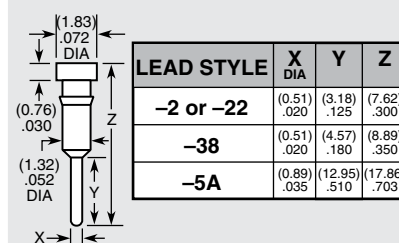


-03, -04, -05

For LIF specify -23  
(ESS, ESD)

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

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



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 |

## Note:

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

LIF= Low Insertion Force