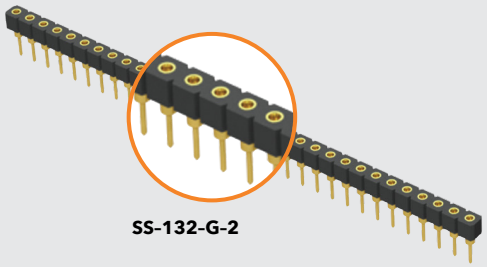
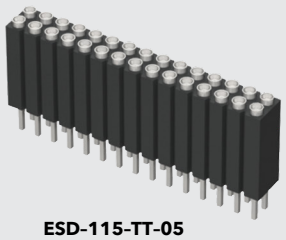
samtec



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 50 µ" (1.27 µm) Ni or Sn over 50 µ" (1.27 µm) 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

FILE NO. E111594

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

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

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

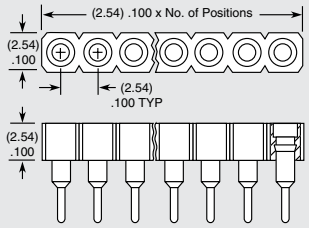
**01 thru 36**
=HSS, SD & ESD Series

**SS**
= Standard Single Row Socket

**HSS**
= High Temp Single Row Socket

**ESS**
= Elevated Single Row Socket

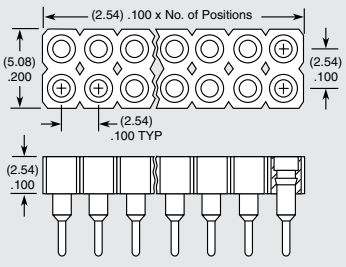
**Styles -5A & -05 socket heads not countersunk.**




**SD**
= Standard Double Row Socket

**ESD**
= Elevated Double Row Socket

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




**-S**
= 10 µ" (0.25 µm) Gold contact, Tin shell (Styles 2 & 22 only)

**-T**
= 30 µ" (0.76 µm) Gold contact, Tin shell

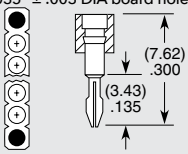
**-G**
= 30 µ" (0.76 µm) Gold contact, 10 µ" (0.25 µm) Gold shell

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

**LIF= Low Insertion Force**

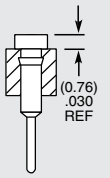
**- L = Locking Socket**

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




Requires -T Plating Option

**- N**
= Non Flush

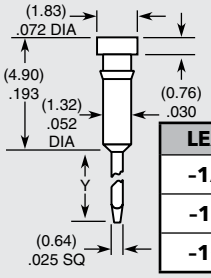



N/A Style -5A

## ALSO AVAILABLE
(Contact Samtec)

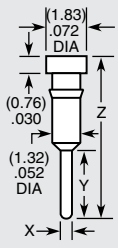
- Locking lead option on ESS and ESD series

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




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

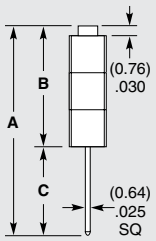
## -2, -22*, -5A, or -38*
*For LIF specify -22 or -38 (SS, HSS, SD)




| LEAD STYLE | X DIA | Y | Z |
|---|---|---|---|
| -2 or -22 | (0.51) .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.

## -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 |



Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.