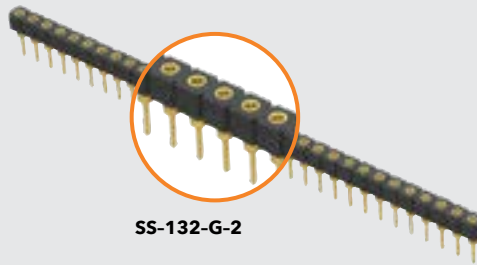




**THE DATASHEET OF
SS-103-TT-2-N**





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



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 | -S = 10 μ" (0.25 μm) Gold contact, Tin shell (Styles 2 & 22 only) | -T = 30 μ" (0.76 μm) Gold contact, Tin shell | -L = Locking Socket | -N = Non Flush |
| | | 01 thru 36 =HSS, SD & ESD Series | -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) | <p>Add -L suffix for locking lead socket in end positions. Requires Style -2 or -22 and .035" ± .003 DIA board hole.</p> <p>Requires -T Plating Option</p> | <p>N/A Style -5A</p> |
| SS = Standard Single Row Socket | | HSS = High Temp Single Row Socket | | | | |
| | | ESS = Elevated Single Row Socket | | | | |
| | | <p>Styles -5A & -05 socket heads not countersunk.</p> | | | | |
| | | SD = Standard Double Row Socket | | | | |
| | | ESD = Elevated Double Row Socket | | | | |
| | | <p>Style -5A not available. Styles -5A & -05 socket heads not countersunk.</p> | | | | |

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) .360 |
| -1B or -21B | (12.95) .510 |
| -1C or -21C | (6.60) .260 |

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

-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.

| 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 |

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View SS-103-TT-2-N on WIN SOURCE](#)

 [Samtec Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management