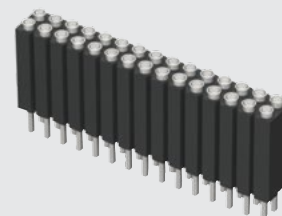


SS-132-G-2



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 μ m) Ni or
Sn over 50 μ " (1.27 μ 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



FILE NO. E111594

TYPE STRIP

1

NO. PINS PER ROW

01 thru 32

= SS, ESS Series

01 thru 36

= HSS, SD & ESD Series

SS

= Standard
Single Row Socket

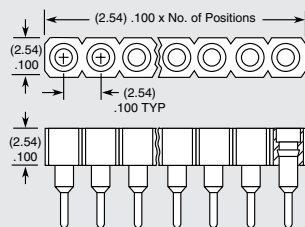
HSS

= High Temp
Single Row Socket

ESS

= Elevated Single Row Socket

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



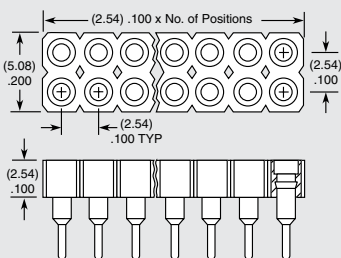
SD

= Standard Double
Row Socket

ESD

= Elevated Double
Row Socket

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



LIF= Low Insertion Force

PLATING OPTION

-S

= 10 μ " (0.25 μ m) Gold contact,
Tin shell
(Styles 2 & 22 only)

-T

= 30 μ " (0.76 μ m) Gold contact,
Tin shell

-G

= 30 μ " (0.76 μ m) Gold contact,
10 μ " (0.25 μ m) Gold shell

-TT

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

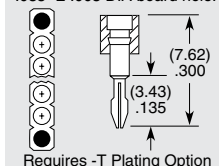
LEAD STYLE

OPTION

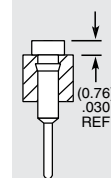
OTHER OPTION

-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

-N
= Non
Flush

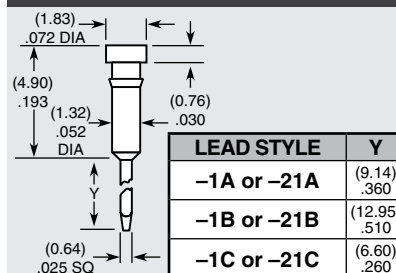
N/A Style -5A

ALSO AVAILABLE (MOQ Required)

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

-1A, -1B or -1C

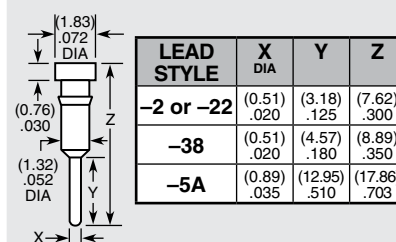
For LIF specify -21A, -21B or -21C
(SS, HSS, SD)



LEAD STYLE	Y
-1A or -21A	(9.14) .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)

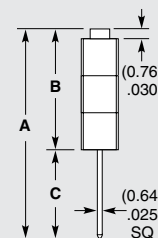


LEAD STYLE	X DIA	Y	Z
-2 or -22	(0.51) .020	(3.18) .125	(7.62) .300
-38	(0.51) .020	(4.57) .180	(8.89) .350
-5A	(0.89) .035	(12.95) .510	(17.86) .703

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

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

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.