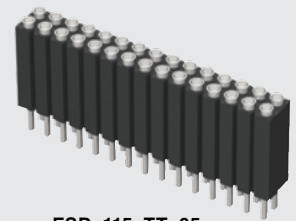


SS-132-G-2



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

Contact Resistance:

10 m Ω

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



FILE NO. E111594

TYPE STRIP	1	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION
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01 thru 32
= SS, ESS Series

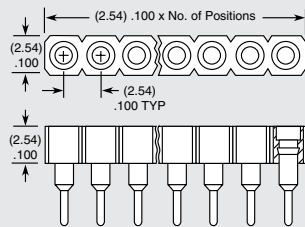
01 thru 36
= HSS, SD & ESD Series

SS
= Standard
Single Row Socket

HSS
= High Temp
Single Row Socket

ESS
= Elevated Single Row Socket

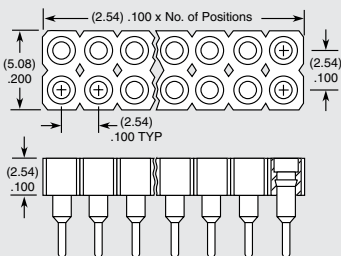
Styles -5A & -05 socket heads not countersunk.



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

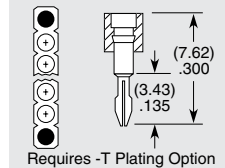
-T
= 30 μ " (0.76 μ m) Gold contact,
Tin shell

-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)

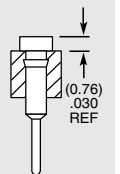
-L = Locking Socket

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

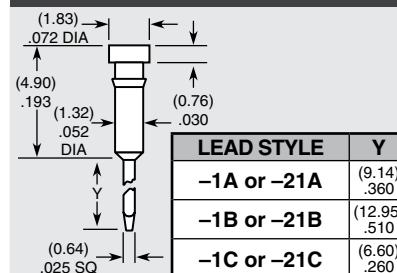


N/A Style -5A

ALSO AVAILABLE (MOQ Required)

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

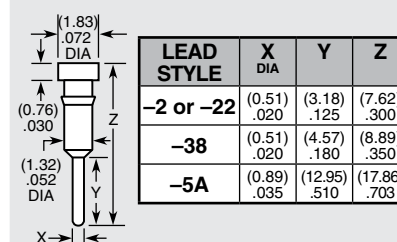
-1A, -1B or -1C
For LIF specify -21A, -21B or -21C
(SS, HSS, SD)



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*

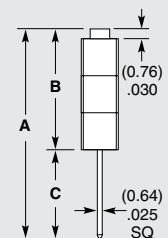
*For LIF specify -22 or -38 (SS, HSS, SD)



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.