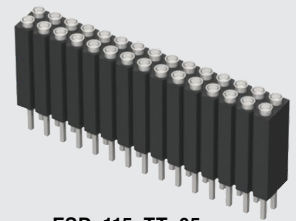


SS-132-G-2



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:

SS, SD, ESS, ESD:

No, LeadWave only

HSS: Yes

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

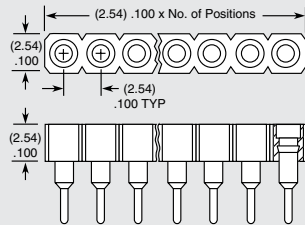
HSS

= High Temp
Single Row Socket

ESS

= Elevated Single Row Socket

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



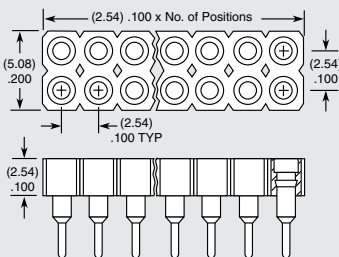
SD

= Standard Double
Row Socket

ESD

= Elevated Double
Row Socket

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

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

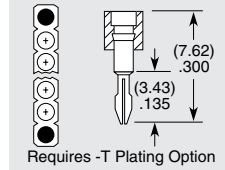
= Tin contact and shell
(Styles 1, 2, 4, and 05
except LIF N/A)

LIF= Low Insertion Force

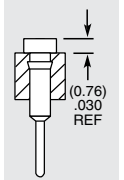
OPTION

-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

OTHER
OPTION-N
= Non
Flush

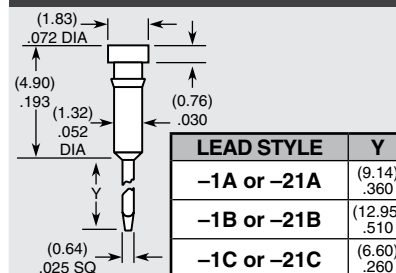
N/A Style -5A

ALSO AVAILABLE (MOQ Required)

- Locking lead option on ESS and ESD series

-1A, -1B or -1C

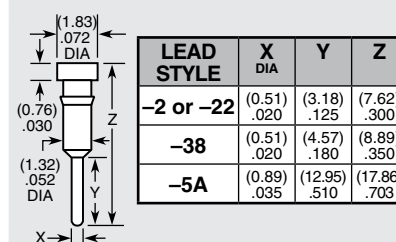
For LIF specify -21A, -21B or -21C
(SS, HSS, SD)



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

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

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

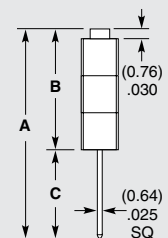


LEAD STYLE	X DIA	Y	Z
-2 or -22	(0.51) .020	(3.18) .125	(7.62) .300
-38	(0.51) .020	(4.57) .180	(8.89) .350
-5A	(0.89) .035	(12.95) .510	(17.86) .703

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.

Mouser Electronics

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[HSS-112-T-1C](#)