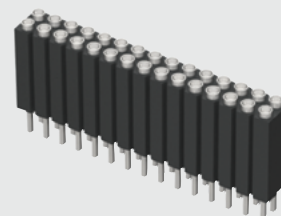


SS-132-G-2



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

and most IC leads

RoHS Compliant:

Yes

Lead-Free Solderable:

Wave only

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



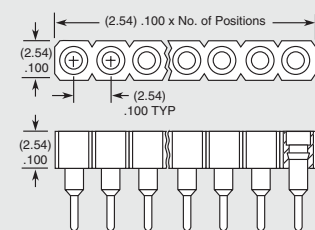
FILE NO. E111594

TYPE STRIP	1	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION
		01 thru 32 = SS, ESS Series	-S = 10 μ " (0.25 μ m) Gold contact, Tin shell (Styles 2 & 22 only)		-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.	-N = Non Flush
		01 thru 36 = HSS, SD & ESD Series	-T = 30 μ " (0.76 μ m) Gold contact, Tin shell		 Requires -T Plating Option	 N/A Style -5A
	SS = Standard Single Row Socket	HSS = High Temp Single Row Socket	-G = 30 μ " (0.76 μ m) Gold contact, 10 μ " (0.25 μ m) Gold shell			
	ESS = Elevated Single Row Socket		-TT = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)			

LIF= Low Insertion Force

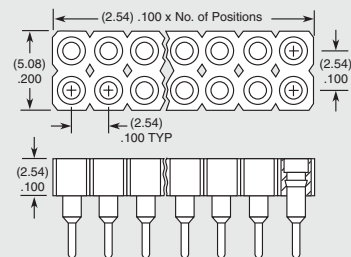
ALSO AVAILABLE (MOQ Required)

- Locking lead option on ESS and ESD series



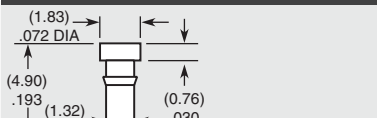
SD = Standard Double Row Socket	ESD = Elevated Double Row Socket
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Style -5A not available.
Styles -5A & -05 socket heads not countersunk.



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

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

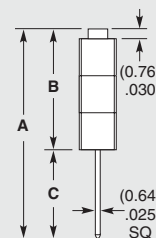
(1.83) .072 DIA	(4.90) .193	(1.32) .052 DIA	(0.76) .030	
				
				Y
-1A or -21A				(9.14) .360
-1B or -21B				(12.95) .510
-1C or -21C				(6.60) .260

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

(1.83) .072 DIA	(0.76) .030	(1.32) .052 DIA	(0.64) .025 SQ																
<table border="1"> <thead> <tr> <th>LEAD STYLE</th><th>X DIA</th><th>Y</th><th>Z</th></tr> </thead> <tbody> <tr> <td>-2 or -22</td><td>(0.51) .020</td><td>(3.18) .125</td><td>(7.62) .300</td></tr> <tr> <td>-38</td><td>(0.51) .020</td><td>(4.57) .180</td><td>(8.89) .350</td></tr> <tr> <td>-5A</td><td>(0.89) .035</td><td>(12.95) .510</td><td>(17.86) .703</td></tr> </tbody> </table>				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
LEAD STYLE	X DIA	Y	Z																
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-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

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.