



ESD-115-TT-05

SS, SD, ESD, ESS, HSS SERIES

PRECISION MACHINED SOCKET STRIPS

TS, TD, HTS, BBS,
BBD, BBL, BDL, BHS

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

Lead-Free Solderable:
Wave only

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



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)		-L = Locking Socket Add -L suffix for locking lead socket in end positions. Requires Style -2 or -22 and .035" ± .003 DIA board hole.	-N = Non Flush
		01 thru 36 =HSS, SD & ESD Series	-T = 30 μ" (0.76 μm) 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 μm) Gold contact, 10 μ" (0.25 μm) Gold shell			
ESS = Elevated Single Row Socket Styles -5A & -05 socket heads not countersunk.			-TT = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)		ALSO AVAILABLE (MOQ Required) • Locking lead option on ESS and ESD series	
LIF= Low Insertion Force						

ALSO AVAILABLE
(MOQ Required)

- Locking lead option on ESS and ESD series

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



SD
= Standard Double Row Socket

ESD
= Elevated Double Row Socket

**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)

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)

The diagram illustrates the dimensions for lead styles -03, -04, and -05. It shows a cross-section of a lead with a rectangular body and a pointed tip. The dimensions are as follows:

- A**: Total length of the lead.
- B**: Length of the rectangular body.
- C**: Length of the pointed tip.
- Lead Diameter**: Indicated as $\varnothing$ (0.76) / .030 for the body and $\varnothing$ (0.64) / .025 SQ for the tip.

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.