



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
SS = Standard Single Row Socket	01 thru 32 = SS, ESS Series	01 thru 36 = HSS, SD & ESD Series	-S = 10 μ" (0.25 μm) Gold contact, Tin shell (Styles 2 & 22 only)	 Requires -T Plating Option	-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/A Style -5A
			-T = 30 μ" (0.76 μm) Gold contact, Tin shell			
			-G = 30 μ" (0.76 μm) Gold contact, 10 μ" (0.25 μm) Gold shell			
HSS = High Temp Single Row Socket	01 thru 32 = SS, ESS Series	01 thru 36 = HSS, SD & ESD Series	-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" ± .003 DIA board hole.	
ESS = Elevated Single Row Socket	01 thru 32 = SS, ESS Series	01 thru 36 = HSS, SD & ESD Series				
Styles -5A & -05 socket heads not countersunk.						
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	(.914) .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 vertical lead with a main body of length B and a lead of length C. The total length is A. The lead diameter is .025 SQ. There are also dimensions (0.76) and .030 for the top section.

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.