

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

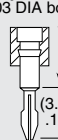
Shell:
Brass except Style 5A
Phosphor Bronze

RoHS Compliant:
Yes

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)		-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		Requires -T Plating Option	
			-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 Contact Samtec.		

ALSO AVAILABLE
(MOQ Required)

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

SD
= Standard Double Row Socket

ESD
= Elevated Double Row Socket

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

Technical drawings showing dimensions for SD and ESD sockets. Dimensions are in inches.

SD Dimensions:

- Overall width: (2.54) .100 x No. of Positions
- Pin pitch: (2.54) .100 TYP
- Pin diameter: (2.54) .100
- Pin length: (2.54) .100

ESD Dimensions:

- Overall width: (2.54) .100 x No. of Positions
- Pin pitch: (2.54) .100 TYP
- Pin diameter: (2.54) .100
- Pin length: (2.54) .100

Style	Pin Pitch	Pin Diameter	Pin Length	Overall Width
SD	(2.54) .100 TYP	(2.54) .100	(2.54) .100	(2.54) .100 x No. of Positions
ESD	(2.54) .100 TYP	(2.54) .100	(2.54) .100	(2.54) .100 x No. of Positions

LIF= Low Insertion Force

-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.

Locking lead available. See OPTION.

Diagram illustrating the dimensions for Lead Styles -03, -04, and -05. The dimensions are defined as follows:

- A**: Total height of the component.
- B**: Height of the top two leads.
- C**: Height of the bottom lead.
- Lead Width**: 0.025 inches (labeled as .025 SQ).
- Lead Spacing**: 0.064 inches (labeled as (0.64)).
- Lead Thickness**: 0.030 inches (labeled as (0.76) .030).

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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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*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.*