

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

Lead Size Range:
(0.38 mm to 0.56 mm)
.015" to .022" DIA

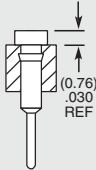
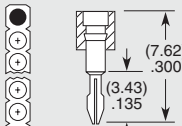
RoHS Compliant:
Yes

Lead-Free Solderable:
Wave only

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
			-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  N/A Style -5A
			-T = 30 μ" (0.76 μm) Gold contact, Tin shell		 Requires -T Plating Option	
SS = Standard Single Row Socket			-G = 30 μ" (0.76 μm) Gold contact, 10 μ" (0.25 μm) Gold shell			
HSS = High Temp Single Row Socket						
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

LIF= Low Insertion Force

The image contains two technical drawings of socket types, SD and ESD, and a table of dimensions.

SD = Standard Double Row Socket

ESD = Elevated Double Row Socket

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

Table of Dimensions:

Dimension	SD	ESD
Overall Width	(2.54) .100 x No. of Positions	(2.54) .100 x No. of Positions
Overall Height	(.254) .100	(.254) .100
Pin Pitch	(.254) .100 TYP	(.254) .100 TYP
Pin Length	(.254) .100	(.254) .100

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

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

Technical drawing of a drill bit with dimensions in inches (in parentheses) and millimeters (in brackets). Dimensions include: (1.83) / .072 DIA (flute diameter), (4.90) / .193 (total length), (1.32) / .052 DIA (flute diameter), (0.76) / .030 (cutting edge thickness), (0.64) / .025 SQ (chisel edge), and Y (point diameter).

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)

Technical drawing of a lead wire with dimensions:

- Top diameter: (1.83) .072 DIA
- Top section length: (0.76) .030
- Bottom diameter: (1.32) .052 DIA
- Bottom section length: (1.80) .030
- Lead style: -2 or -22, -38, or -5A

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.

-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.

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.