

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

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 $^{\circ}$ C to +125 $^{\circ}$ C

Lead Size Range:
(0.38 mm to 0.56 mm)
.015" to .022" DIA
and most IC leads

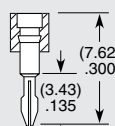
RoHS Compliant:
Yes

Lead-Free Solderable:
Wave only

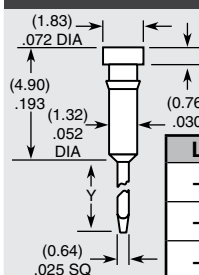
For complete scope
of recognitions see
www.samtec.com/quality



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

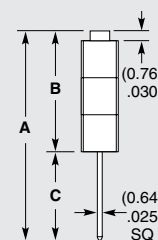
TYPE STRIP	1	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION	
SS = Standard Single Row Socket	01 thru 32 = SS, ESS Series	01 thru 36 = HSS, SD & ESD Series	-S = 10 μ" (0.25 μm) Gold contact, Tin shell (Styles 2 & 22 only)		-L = Locking Socket Add -L suffix for locking lead socket in end 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		-G = 30 μ" (0.76 μm) Gold contact, 10 μ" (0.25 μm) Gold shell		-TT = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)
ESS = Elevated Single Row Socket							
Styles -5A & -05 socket heads not countersunk.							
ALSO AVAILABLE (MOQ Required)							
• Locking lead option on ESS and ESD series Contact Samtec.							

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

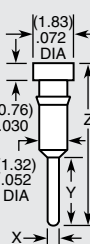


LEAD STYLE	Y
-1A or -21A	(9.14) .360
-1B or -21B	(12.95) .510
-1C or -21C	(6.60) .260

For LIF specify -23
(ESS, ESD)

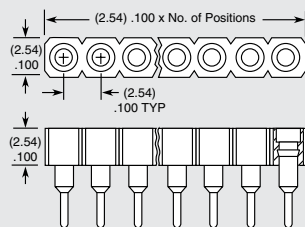


*For LIF specify -22 or -38 (SS, HSS, SD)



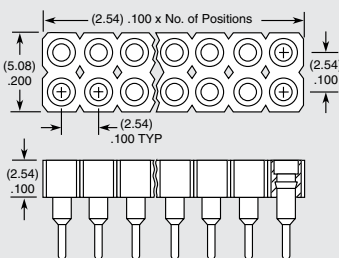
LEAD STYLE	X DIA	Y	Z
-2 or -22	(0.51) .020	(3.18) .125	(7.62) .300
-38	(0.51) .020	(4.57) .180	(8.89) .350
-5A	(0.89) .035	(12.95) .510	(17.86) .703

Locking lead available. See OPTION.



SD	ESD
= Standard Double Row Socket	= Elevated Double Row Socket

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



LIF= Low Insertion Force

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.