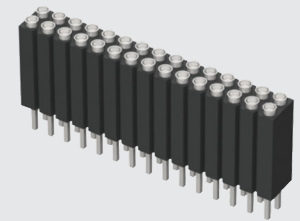


SS-132-G-2



ESD-115-TT-05

(2.54 mm) .100"

SS, SD, ESD, ESS, HSS SERIES

PRECISION MACHINED SOCKET STRIPS

Mates with:

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

SPECIFICATIONS

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 μm) Ni or Sn over 50 μ" (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °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: SS, SD, ESS, ESD: No, Lead Wave only
HSS: Yes

RECOGNITIONS

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
		01 thru 32 =SS, ESS Series	-S = 10 μ" (0.25 μm) Gold contact, Tin shell (Styles 2 & 22 only)		-L = Locking Socket	-N = Non Flush
		01 thru 36 =HSS, SD & ESD Series	-T = 30 μ" (0.76 μm) Gold contact, Tin shell		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
			-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)		
					ALSO AVAILABLE (Contact Samtec)	
					• Locking lead option on ESS and ESD series	

SS
= Standard Single Row Socket

HSS
= High Temp Single Row Socket

ESS
= Elevated Single Row Socket

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

SD
= Standard Double Row Socket

ESD
= Elevated Double Row Socket

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)

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)

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