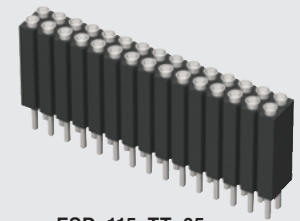


SS-132-G-2



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 50µ" (1,27 µm) Ni or Sn over 50µ" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
10 mΩ

Lead Size Range:
(0,38 mm to 0,56 mm)
.015" to .022" DIA
and most IC leads

Insertion Force:
(Single contact only)
Standard=

9 oz (2,50 N) avg.,
16 oz (4,45 N) max
Low Insertion Force=

2.5 oz (0,70 N) avg.,
5.5 oz (1,53 N) max

Withdrawal Force:
(Single contact only)
Standard=

2.5 oz (0,70 N) avg.,
1.5 oz (0,42 N) min
Low Insertion Force=

2.0 oz (0,56 N) avg.,
0.35 oz (0,10 N) min

Insertion Depth:
(-05, -1X & -21X, -5A)
(3,18 mm) .125" to (3,99 mm) .157"

Insertion Depth:
(-2, -22, -38)
(2,41 mm) .095" to (3,68 mm) .145"

RoHS Compliant:
Yes

Lead-Free Solderable:
Wave only

RECOGNITIONS

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



FILE NO. E111594

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

TYPE STRIP	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION																
1 01 thru 32 = SS, ESS Series 01 thru 36 = HSS, SD & ESD Series		-S = 10µ" (0,25 µm) Gold contact, Tin shell (Styles 2 & 22 only)	-T = 30µ" (0,76 µm) Gold contact, Tin shell	-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																
		-G = 30µ" (0,76 µm) Gold contact, 10µ" (0,25 µm) Gold shell				-TT = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)															
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)																			
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		-03, -04, -05 For LIF specify -23 (ESS, ESD)																			
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