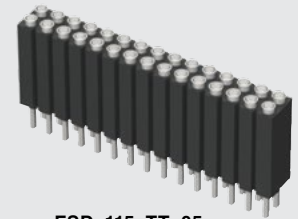


SS-132-G-2



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](http://www.samtec.com?SS), [www.samtec.com?ESS](http://www.samtec.com?ESS), [www.samtec.com?SD](http://www.samtec.com?SD), [www.samtec.com?ESD](http://www.samtec.com?ESD) or [www.samtec.com?HSS](http://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:**  
Wave only

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

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 = 10 µ" (0.25 µm) Gold contact, Tin shell (Styles 2 & 22 only) -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)	-1A, -1B or -1C For LIF specify -21A, -21B or -21C (SS, HSS, SD) -2, -22*, -5A, or -38* *For LIF specify -22 or -38 (SS, HSS, SD)	-L = Locking Socket Add -L suffix for locking lead socket in end positions. Requires Style -2 or -22 and .035" ± .003" DIA board hole. Requires -T Plating Option	-N = Non Flush N/A Style -5A

**ALSO AVAILABLE (MOQ Required)**

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

**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.

**-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

**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.

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