



(2.54 mm) .100"

SS, SD, ESD, ESS, HSS SERIES

**OPTION** 

# 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

Black Liquid Crystal Polymer Contact:

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, LeadWave only

#### RECOGNITIONS

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



## **TYPE** NO. PINS **STRIP** PER ROW 01 thru 32 =SS, ESS Series 01 thru 36 = HSS, SD & ESD Series SS HSS = Standard = High Temp Single Row Socket Single Row Socket ESS = Elevated Single Row Socket Styles -5A & -05 socket heads not countersunk. (2.54) .100 x No. of Positions (2.54) $\oplus$ (H) ← (2.54) .100 TYP (2.54) .100 **Standard Double** = Elevated Double **Row Socket Row Socket** Style -5A not available. Styles –5A & –05 socket heads not countersunk. (2.54) .100 x No. of Positions (5.08) .200 (O,O,O,O,O).100 $\oplus$ $\oplus$ (2.54) (2.54)



**LEAD** 

**STYLE** 

= 10 μ" (0.25 μm) Gold contact, Tin shell (Styles 2 & 22 only)

PLATING

OPTION

= 30 μ" (0.76 μm) Gold contact, Tin śhell

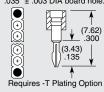
–G : 30 μ" (0.76 μm) Gold contact, 10 μ" (0.25 μm) Gold shell

> $-\mathsf{TT}$ = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)

LIF= Low Insertion Force

#### Locking Socket

Add -L suffix for locking lead socket in end positions. Requires **Style -2** or **-22** and .035" ± .003 DIA board hole.



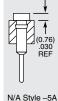
Flush

OTHER

**OPTION** 

– N

=Non



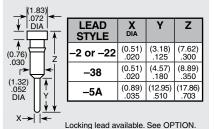
#### ALSO AVAILABLE (MOQ Required)

· Locking lead option on ESS and ESD series

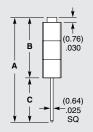
# -1A, -1B or -1C For LIF specify -21A, -21B or -21C (SS, HSS, SD)

(1.83) .072 DIA (4.90) .193 (1.32) .052	(0.76) 030	
V DIA	LEAD STYLE	Υ
∳ D	–1A or –21A	(9.14) .360
<u> </u>	–1B or –21B	(12.95) .510
.025 SQ	-1C or -21C	(6.60) .260

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



### 03, -04, -05 (ESS, ESD)



STYLE	Α	В	С
-05	(17.86)	(13.46)	(4.39)
	.703	.530	.173
−03 or	(11.51)	(8.38)	(3.12)
−23	.453	.330	.123
-04	(14.05)	(10.92)	(3.12)
	.553	.430	.123

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

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

### Samtec:

ESS-104-T-03 ESS-105-G-03 ESS-106-T-03 ESS-118-G-04 ESS-102-G-04 ESS-110-G-04 ESS-103-G-04 ESS-120-TT-03 ESS-103-T-03 ESS-120-T-03 ESS-106-G-04 ESS-104-G-03 ESS-119-T-03 ESS-116-T-03 ESS-112-G-04 ESS-107-G-04 ESS-112-T-03 ESS-113-T-03 ESS-101-G-03 ESS-114-T-03 ESS-109-T-03 ESS-116-G-04 ESS-120-T-05 ESS-132-G-03 ESS-120-G-04 ESS-104-G-04 ESS-105-T-03 ESS-105-G-04 ESS-101-TT-03 ESS-108-T-03 ESS-108-T-05 ESS-102-G-05 ESS-108-TT-05 ESS-107-T-27 ESS-101-TT-03 ESS-101-TT-04 ESS-107-T-28 ESS-108-T-23 ESS-102-TT-05 ESS-103-G-03 ESS-102-T-04 ESS-102-T-05 ESS-104-T-23 ESS-102-G-03 ESS-115-T-04 ESS-102-T-05 ESS-102-G-08 ESS-102-T-08 ESS-101-TT-05 ESS-102-TT-04 ESS-102-TT-05 ESS-102-T-08 ESS-101-TT-05 ESS-102-T-23 ESS-102-TT-04 ESS-102-TT-05 ESS-102-G-26 ESS-101-T-04 ESS-102-T-23 ESS-102-T-04 ESS-101-TT-07 ESS-101-TT-25 ESS-101-TT-05 ESS-101-TT-05 ESS-102-T-25 ESS-102-TT-04 ESS-102-TT-08 ESS-101-TT-05 ESS-102-T-23 ESS-102-T-24 ESS-101-TT-07 ESS-101-TT-25 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-102-T-25 ESS-102-TT-05 ESS-102-TT-06 ESS-101-T-06 ESS-102-TT-07 ESS-102-TT-08 ESS-101-T-07 ESS-101-TT-07 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-102-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-101-T-05 ESS-102-T-05 ESS-102-TT-06 ESS-102-TT-06 ESS-102-TT-07 ESS-102-TT-08 ESS-101-TT-07 ESS-101-TT-07 ESS-101-TT-05 ESS-101-G-05 ESS-101-G-05 ESS-102-TT-06 ESS-102-TT-07 ESS-102-TT-08 ESS-102-TT-08 ESS-101-G-08 ESS-101-G-09 ESS-101-G-05 ESS-101-G-05 ESS-101-G-05 ESS-102-TT-04 ESS-102-TT-04 ESS-102-TT-04 ESS-102-TT-04 ESS-102-TT-04 ESS-102-TT-04 ESS-102-G-06 ESS-102-TT-07 ESS-102-G-06 ESS-102-TT-07 ESS-101-G-07 ESS-102-G-06 ESS-102-TT-07 ESS-102-G-06 ESS-102-TT-07 ESS-102-G-06 ESS-102-TT-07 ESS-102-G-06 ESS-102-TT-07 ESS-102-G-06 ESS-102-TT-07 ESS-102-G-07 ESS-102