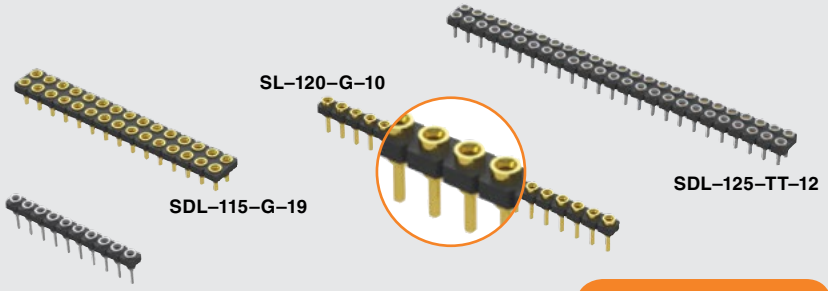
samtec



(2.54 mm) .100"

SL, SDL SERIES

LOW-PROFILE MACHINED SOCKET STRIPS

FEATURES

- Achieve low-profile without sacrificing insertion depth!
- Choice of four precision screw machined lead styles.
- Exceptionally low-profile, down to (2.11 mm) .083" off of board.
- Mates with BBL or BDL for board stacking spaces down to (3.89 mm) .153"

SPECIFICATIONS

For complete specifications see www.samtec.com?SL or www.samtec.com?SDL

Insulator Material: Black Glass Filled Polyester
Contact/Shell Materials: BeCu/Brass
Plating: Au or Sn over 50 µ" (1.27 µm) Ni
Operating Temp Range: -55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin
RoHS Compliant: Yes
Lead-Free Solderable: Wave only

RECOGNITIONS

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

FILE NO. E111594

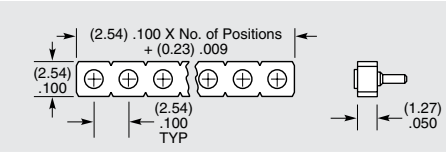
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
TS, TD, HTS, BBS, BBD, BBL, BDL, BHS

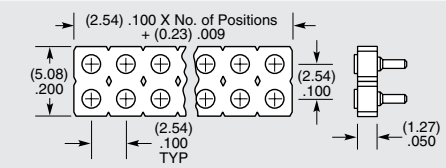
TYPE STRIP – **1** – **NO. PINS PER ROW** – **PLATING OPTION** – **LEAD STYLE**

SL
= Single Row Low-Profile Socket Strip

SDL
= Double Row Low-Profile Socket Strip



01 thru 32



01 thru 36

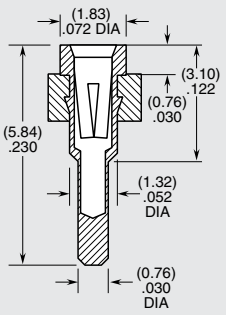
–G
= 30 µ" (0.76 µm) Gold contact, 10 µ" (0.25 µm) Gold shell

–T
= 30 µ"(0.76 µm) Gold contact, Tin shell

–TT
= Tin contact and shell (LIF not available)

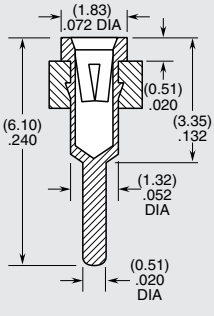
Low Insertion Force (LIF) Available

–10
= Low-Profile (Hollow Leg)



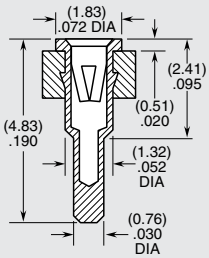
Contact Length = (2.11 mm) .083"
Lead DIA Accepted = (0.38 mm) .015" to (0.51 mm) .020"
Insertion Depth = (2.67 mm) .105" to (4.32 mm) .170"
Style 10 Component Part No. = SC-3P1

–11
= Low-Profile (Standard Mount) For LIF specify –31



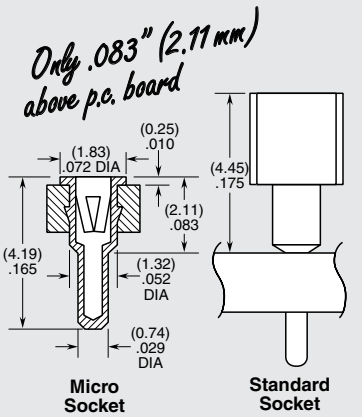
Contact Length = (1.58 mm) .062"
Lead DIA Accepted = (0.41 mm) .016" to (0.53 mm) .021"
Insertion Depth = (2.03 mm) .080" to (2.67 mm) .105"
Style 11 Component Part No. = SC-4P1
Style 31 Component Part No. = EZ-4P1

–12
= Micro-Socket (Hollow Leg)



Contact Length = (1.58 mm) .062"
Lead DIA Accepted = (0.41 mm) .016" to (0.51 mm) .020"
Insertion Depth = (1.65 mm) .065" to (3.81 mm) .150"
Style 12 Component Part No. = SC-5P1

–19
= Micro-Socket (Hollow Leg) For LIF specify –39



Contact Length = (1.58 mm) .062"
Lead DIA Accepted = (0.41 mm) .016" to (0.51 mm) .020"
Insertion Depth = (1.65 mm) .065" to (3.56 mm) .140"
Style 19 Component Part No. = SC-8P1
Style 39 Component Part No. = EZ-8P1

Due to technical progress, all designs, specifications and components are subject to change without notice.

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.