



(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 (SDL)
Black Liquid Crystal Polymer (SL)

Contact/Shell Materials:
BeCu/Brass

Plating:
Au or Sn over
50 μm (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



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	01 thru 32	1	-G = 30 μm (0.76 μm) Gold contact, 10 μm (0.25 μm) Gold shell	-T = 30 μm (0.76 μm) Gold contact, Tin shell
SDL = Double Row Low-Profile Socket Strip				
	01 thru 36	1		-TT = Tin contact and shell (LIF not available)

Low Insertion Force (LIF) Available

-10 = Low-Profile (Hollow Leg)	-11 = Low-Profile (Standard Mount) For LIF specify -31	-12 = Micro-Socket (Hollow Leg)	-19 = Micro-Socket (Hollow Leg) For LIF specify -39
<p>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</p>	<p>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</p>	<p>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</p>	<p><i>Only .083" (2.11 mm) above p.c. board</i></p> <p>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</p> <p>Micro Socket</p> <p>Standard Socket (Reference only. Not available with SL & SDL)</p>

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.