



(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 μ " (1.27 μ m) Ni

Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

RoHS Compliant:
Yes

Lead-Free Solderable:
SL: Yes
SDL: No, Lead Wave only

RECOGNITIONS

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



FILE NO. E111594

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	1	1	-G = 30 μ " (0.76 μ m) Gold contact, 10 μ " (0.25 μ m) Gold shell	-T = 30 μ " (0.76 μ m) Gold contact, Tin shell
SDL = Double Row Low-Profile Socket Strip				
	01 thru 32			
	01 thru 36			
			-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>Micro Socket</p> <p>Standard Socket (Reference only. Not available with SL & SDL)</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>

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

Mouser Electronics

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[SDL-125-G-31](#)