



(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

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				
				-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
				-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
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	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	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	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.

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