



(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 50µ" (1,27 µm) Ni
- Operating Temp Range:** -55°C to +125°C with Gold
 -55°C to +105°C with Tin
- Current Rating:** 1A per contact
- Contact Resistance:** 10 mΩ
- Insertion Force:** (Single contact only)
 Standard = 9 oz (2,50 N) avg., 16 oz (4,45 N) max ((0,43 mm) .017" DIA probe)
- Low Insertion Force =** 2.5 oz (0,70 N) avg., 5.5 oz (1,53 N) max ((0,43 mm) .017" DIA probe)
- Withdrawal Force:** (Single contact only)
 Standard = 2.5 oz (0,70 N) avg., 1.5 oz (0,42 N) min ((0,43 mm) .017" DIA probe)
- Low Insertion Force =** 2.0 oz (0,56 N) avg., 0.5 oz (0,14 N) min ((0,43 mm) .017" DIA probe)
- RoHS Compliant:** Yes
- Lead-Free Solderable:** Wave only

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	1	1	-G = 30µ" (0,76 µm) Gold contact, 10µ" (0,25µm) Gold shell	-G
SDL = Double Row Low Profile Socket Strip				
	01 thru 32	1	-T = 30µ" (0,76 µm) Gold contact, Tin shell	-T
	01 thru 36	1	-TT = Tin contact and shell (LIF not available)	-TT

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.