

SL-120-G-10

LOW PROFILE SOCKET STRIPS SL & SDL SERIES

- ### FEATURES
- Achieve low profile without sacrificing insertion depth!
 - Choice of four precision screw machined lead styles.
 - Exceptionally low profile, down to (2,11mm) .083" off of board.
 - Mates with BBL or BDL for board stacking spaces down to (3,89mm) .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" (1,27µm) Ni

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

Current Rating: 1A

Contact Resistance: 10 mΩ max

Insertion Force: (Single contact only)
Standard = 9 oz (2,50N) avg., 16oz (4,45N) max ((0,43mm) .017" DIA probe)
Low Insertion Force = 2.5oz (0,70N) avg., 5.5oz (1,53N) max ((0,43mm) .017" DIA probe except Style 30 (0,46mm) .018" DIA probe)

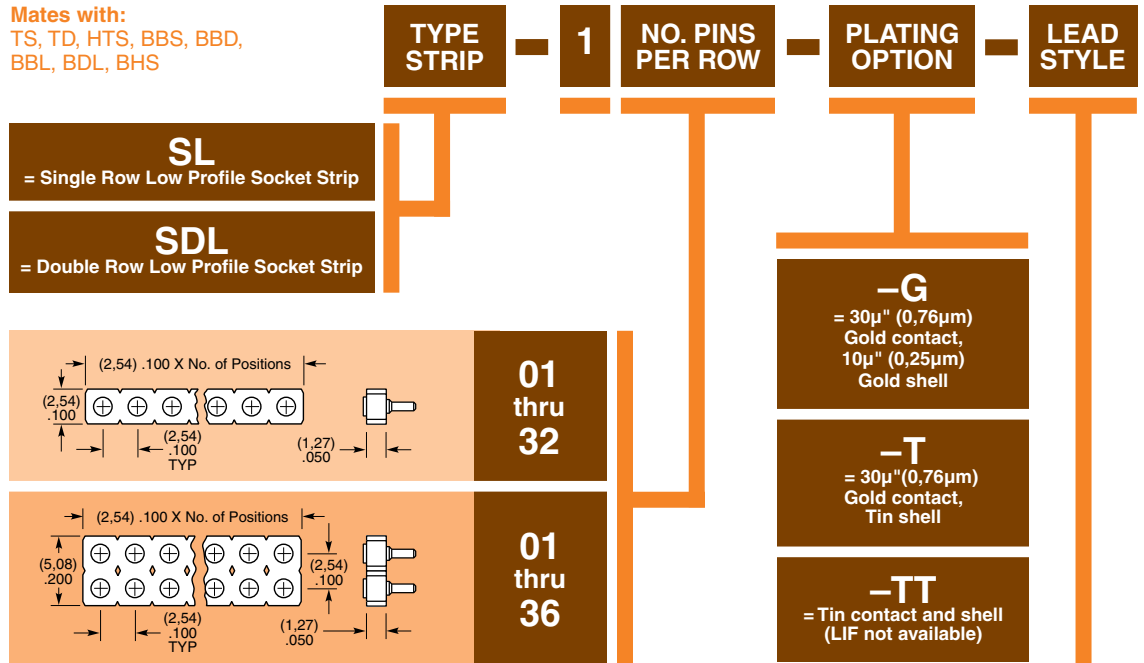
Withdrawal Force: (Single contact only)
Standard = 2.5oz (0,70N) avg., 1.5oz (0,42N) min ((0,43mm) .017" DIA probe)
Low Insertion Force = 2.0oz (0,56N) avg., 0.5oz min ((0,43mm) .017" DIA probe except Style 30 is 2.0oz (0,56N) avg., .35oz (0,10N) min (0,46mm) .018" DIA probe)

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



Low Insertion Force (LIF) Available

-10 Low Profile (Hollow Leg) For LIF specify -30	-11 Low Profile (Standard Mount) For LIF specify -31	-12 Micro-Socket (Hollow Leg) For LIF specify -32	-19 Micro-Socket (Hollow Leg) For LIF specify -39
<p>Contact Length = (2,11mm) .083" Lead DIA Accepted = (0,38mm) .015" to (0,51mm) .020" Insertion Depth = (2,67mm) .105" to (4,32mm) .170" Style 10 Component Part No. = SC-3P1 Style 30 Component Part No. = EZ-3P1</p>	<p>Contact Length = (1,58mm) .062" Lead DIA Accepted = (0,41mm) .016" to (0,53mm) .021" Insertion Depth = (2,03mm) .080" to (2,67mm) .105" Style 11 Component Part No. = SC-4P1 Style 31 Component Part No. = EZ-4P1</p>	<p>Contact Length = (1,58mm) .062" Lead DIA Accepted = (0,41mm) .016" to (0,51mm) .020" Insertion Depth = (1,65mm) .065" to (3,81mm) .150" Style 12 Component Part No. = SC-5P1 Style 32 Component Part No. = EZ-5P1</p>	<p><i>Only .083 (2.11) above p.c. board</i></p> <p>Contact Length = (1,58mm) .062" Lead DIA Accepted = (0,41mm) .016" to (0,51mm) .020" Insertion Depth = (1,65mm) .065" to (3,56mm) .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.

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