

**(2,54mm) .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 (2,11mm) .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](http://www.samtec.com?SL) or [www.samtec.com?SDL](http://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)

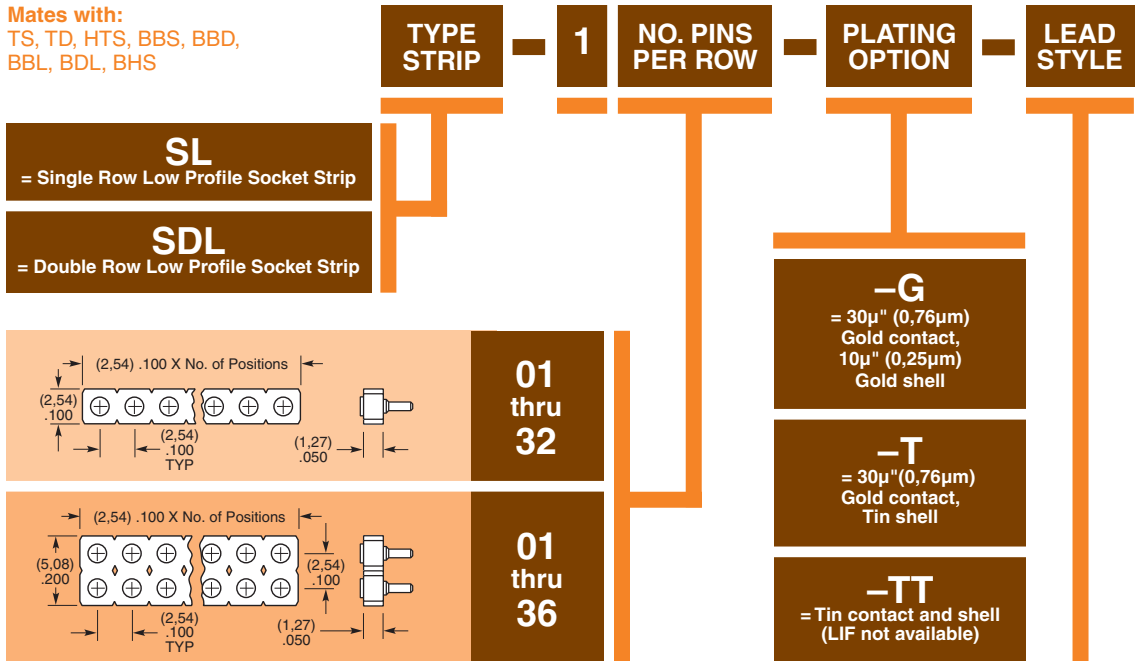
**Withdrawal Force:** (Single contact only)  
 Standard = 2.5oz (0,70N) avg., 1.5oz (0,42N) min ((0,43mm) .017" DIA probe)  
 Low Insertion Force = 2.0oz (0,56N) avg., 0.5oz min ((0,43mm) .017" DIA probe except Style 30 is 2.0oz (0,56N) avg., .35oz (0,10N) min (0,46mm) .018" DIA probe)

**RoHS Compliant:** Yes

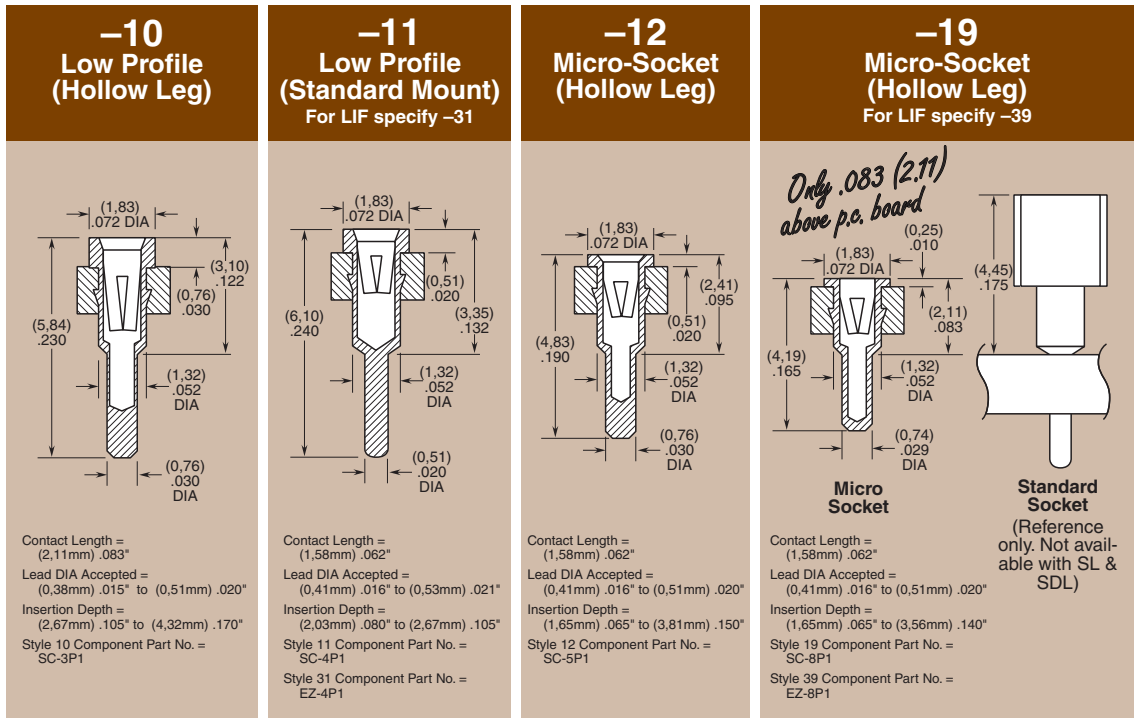
**Lead-Free Solderable:** Wave only

**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



Due to technical progress, all designs, specifications and components are subject to change without notice.

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