

SL, SDL SERIES

(2,54 mm) .100"

# 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](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" (1,27 µm) Ni

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

**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

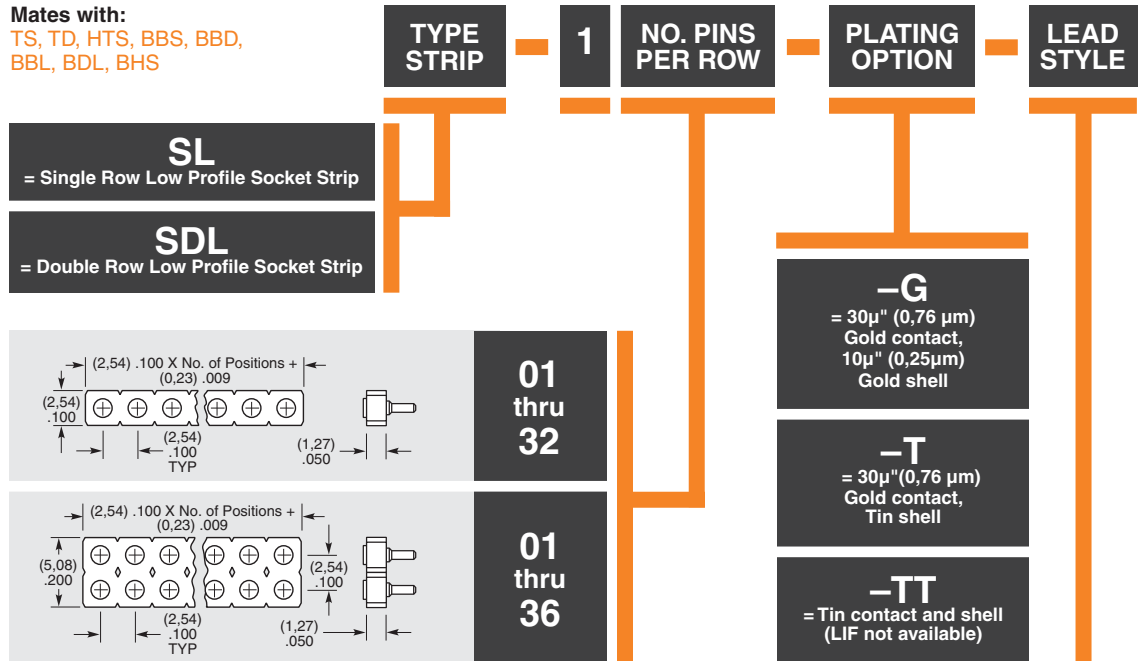
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

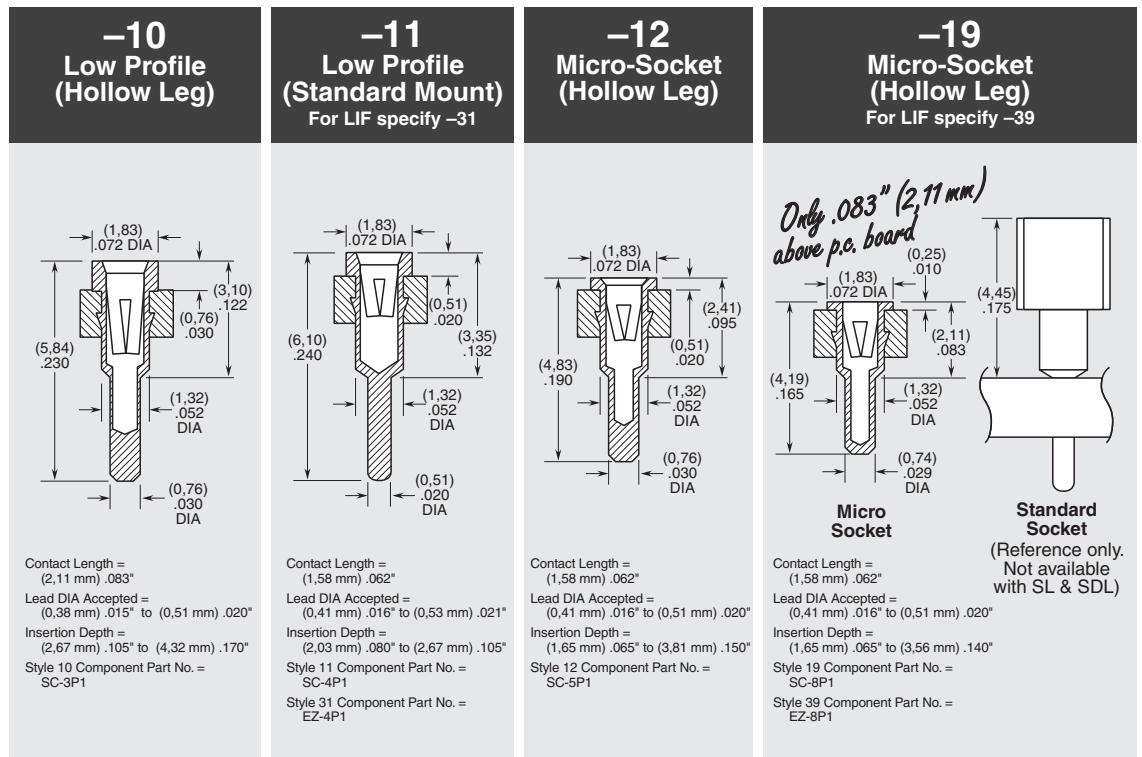


**Note:** Some lengths, styles and options are non-standard, non-returnable.

**Mates with:**  
TS, TD, HTS, BBS, BBD,  
BBL, BDL, BHS



Low Insertion Force (LIF) Available



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