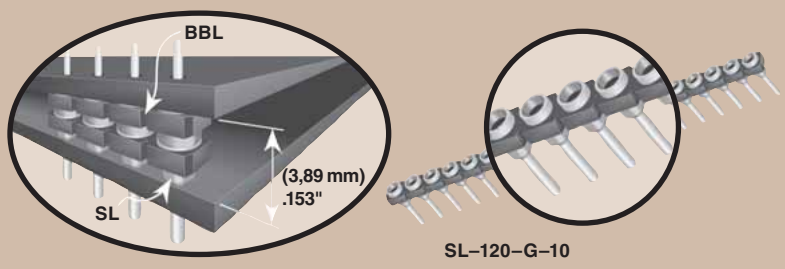
samtec



(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
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

FILE NO. E111594

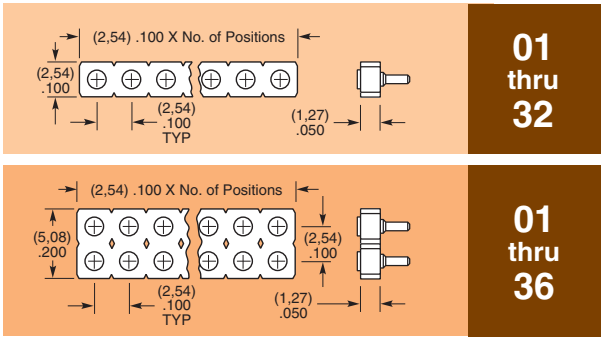
Note: Some lengths, styles and options are non-standard, non-returnable.

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



01 thru 32

01 thru 36

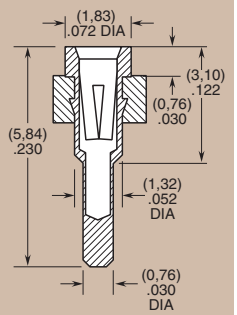
–G
= 30µ" (0,76 µm) Gold contact, 10µ" (0,25µm) Gold shell

–T
= 30µ"(0,76 µm) Gold contact, Tin shell

–TT
= Tin contact and shell (LIF not available)

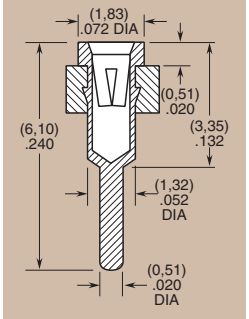
Low Insertion Force (LIF) Available

–10 Low Profile (Hollow Leg)



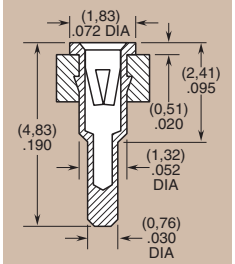
Contact Length = (2,11 mm) .083"
Lead DIA Accepted = (0,38 mm) .015" to (0,51 mm) .020"
Insertion Depth = (2,67 mm) .105" to (4,32 mm) .170"
Style 10 Component Part No. = SC-3P1

–11 Low Profile (Standard Mount)
For LIF specify –31



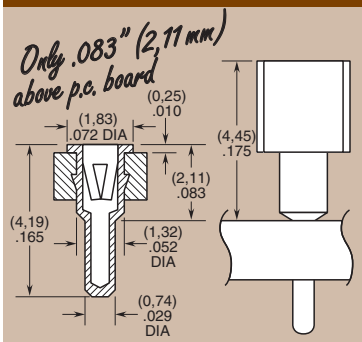
Contact Length = (1,58 mm) .062"
Lead DIA Accepted = (0,41 mm) .016" to (0,53 mm) .021"
Insertion Depth = (2,03 mm) .080" to (2,67 mm) .105"
Style 11 Component Part No. = SC-4P1
Style 31 Component Part No. = EZ-4P1

–12 Micro-Socket (Hollow Leg)



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

–19 Micro-Socket (Hollow Leg)
For LIF specify –39



(Reference only. Not available with SL & SDL)

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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