

SL-120-G-10 SDL-125-TT-12 SDL-115-G-19 SL-110-TT-11 **SL, SDL SERIES**

(2.54 mm) .100"

OW-PROFILE MACHINED SOCKET STRI

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 (SDL) Black Liquid Crystal Polymer

(SL)
Contact/Shell Materials: BeCu/Brass

Plating: Au or Sn over Au or Sil over 50 μ" (1.27 μm) Ni Operating Temp Range: -55 °C to +125 °C with Gold -55 °C to +105 °C with Tin RoHS Compliant: Yes

Lead-Free Solderable: SDL: No, Lead Wave only

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



Mates with: BBL, BDL, BHS (2.54) \oplus Low Insertion Force (LIF) Available (Hollow Leg)

TS, TD, HTS, BBS, BBD. **STRIP PER ROW** = Single Row Low-Profile Socket Strip SDL = Double Row Low-Profile Socket Strip (2.54) .100 X No. of Positions + (0.23) .009 01 thru (2.54) - .100 TYP 32 (2.54) .100 X No. of Positions + (0.23) .009 01 (2.54)thru 36 (2.54) .100 TYP (1.27) .050

-G = 30 µ" (0.76 µm) Gold contact, 10 μ" (0.25 μm) Gold shell = 30 µ" (0.76 µm) Gold contact, Tin shell $-\mathsf{T}\mathsf{T}$ = Tin contact and shell (LIF not available)

PLATING

OPTION

STYLE

-10 = Low-Profile

(1.83) .072 DIA

(5.84)

Contact Length = (2.11 mm) .083"

Insertion Denth =

Lead DIA Accepted = (0.38 mm) .015" to (0.51 mm) .020"

(2.67 mm) .105" to (4.32 mm) .170" Style 10 Component Part No. = SC-3P1

(3.10)

(6.10)

Contact Length = (1.58 mm) .062"

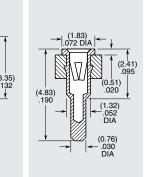
(0.76)

(1.32) -.052 DIA

= Low-Profile (Standard Mount) For LIF specify -31

(1.83) .072 DIA

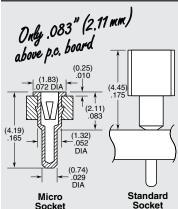
-11 -12 = Micro-Socket (Hollow Leg)



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

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

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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. =

.052 DIA

(0.51) - .020 DIA

Mouser Electronics

Authorized Distributor

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Samtec:

SDL-125-G-31