

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

(2.54 mm) .100"

51 68465 1



Mates with:

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

- 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 of Sh 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: Wave only

RECOGNITIONS

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



PLATING ΤΥΡΕ NO. PINS LEAD TS, TD, HTS, BBS, BBD, PER ROW OPTION STYLE STRIP BBL, BDL, BHS SL = Single Row Low-Profile Socket Strip SDL = Double Row Low-Profile Socket Strip -G = 30 μ" (0.76 μm) Gold contact, 10 µ" (0.25 µm) (2.54) .100 X No. of Positions + (0.23) .009 01 Gold shell (2.54) thru \oplus (2.54) - .100 TYP 32 -Τ = 30 μ"(0.76 μm) Gold contact, (2.54) .100 X No. of Positions + (0.23) .009 Tin shell $\begin{array}{c} \oplus \oplus \oplus & \oplus \\ \oplus & \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \oplus & \oplus & \oplus \\ \oplus & \oplus \\ \end{array} \\ \end{array} \\ \end{array}$ 01 (5.08) (2.54) thru 200 .100 -TT¥ 36 (2.54) - .100 TYP **←**(1.27) .050 = Tin contact and shell (LIF not available) Low Insertion Force (LIF) Available -11 -12 = Micro-Socket **—19** = Micro-Socket -10 = Low-Profile = Low-Profile (Hollow Leg) (Standard Mount) (Hollow Leg) (Hollow Leg) For LIF specify -39 For LIF specify -31 Only .083" (2.11 mm) above p.c. board (1.83) .072 DIA (1.83) .072 DIA (1.83)(0.25) 072 DÍA (1.83)(3.10) 72 DÍA (4.45)(0.51)(2.41) .095 ↑ (2.11) .083 (0.76) .030 .020 (6.10) (3.35) (0.51) .020 (5.84) (4.83) .190 (4.19) .165 (1.32)(1.32)(1.32) -.052 DIA (1.32).052 DIA .052 .052 DIA DIA (0.74) - .029 DIA (0.76) .030 DIA (0.51) - .020 DIA (0.76).030 DIA Standard Micro Socket

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

Style 11 Component Part No. = SC-4P1 Style 12 Component Part No. = SC-5P1 Style 31 Component Part No. = EZ-4P1 Due to technical progress, all designs, specifications and components are subject to change without notice

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"

Socket (Reference only. Not available with SL & SDL)

- 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

Contact Length = (1.58 mm) .062"

Style 39 Component Part No. = EZ-8P1

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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"

Contact Length = (1.58 mm) .062"

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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