

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

(2.54 mm) .100"

# GX 41 3

## **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 Sn 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**

Some lengths, styles and

options are non-standard, non-returnable.



### Mates with: **PLATING** TS, TD, HTS, BBS, BBD. **PER ROW OPTION STRIP** BBL, BDL, BHS = 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 = 30 µ"(0.76 µm) Gold contact, (2.54) .100 X No. of Positions + (0.23) .009 Tin shell 01 (2.54) thru 36 (2.54) - .100 TYP (1.27) = Tin contact and shell (LIF not available) Low Insertion Force (LIF) Available -11 -12 = Micro-Socket -19 = Micro-Socket -10 = Low-Profile

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



# (1.83) |.072 DIA (3.10) (0.76) (5.84) (1.32) -.052 DIA

(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

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

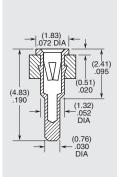
(1.83) .072 DIA .020 (6.10) .052 DIA (0.51) - .020 DIA

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

(Hollow Leg)



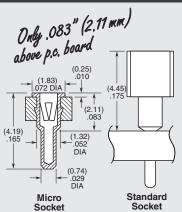
Contact Length = (1.58 mm) .062"

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



**STYLE** 



(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

### WWW.SAMTEC.COM All parts within this catalog are built to Samtec's specifications.

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