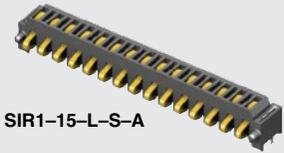


SIB-120-02-F-S



SIR1-15-L-S-A

(2.54 mm) .100"

SIB, SIR1 SERIES

ONE-PIECE INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SIB

Insulator Material: Black Liquid Crystal Polymer

Contact Material: Phosphor Bronze

Plating: Au or Sn over 50 μm (1.27 μm) Ni

Current Rating: 2.6 A per pin (1 pin powered)

Operating Temp Range: -55 °C to +125 °C

RoHS Compliant: Yes

PROCESSING

Lead-Free Solderable: Yes

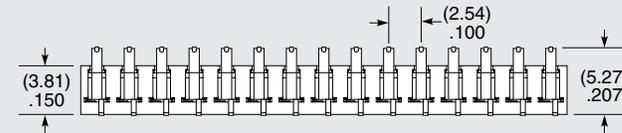
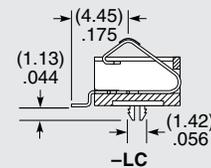
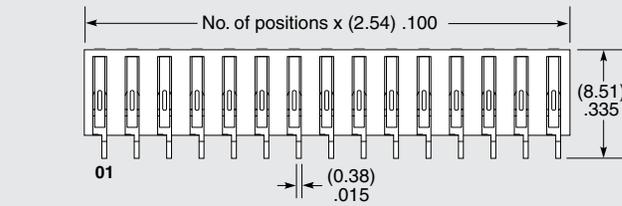
SMT Lead Coplanarity: (0.10 mm) .004" max (02-19)

(0.15 mm) .005" max (20-30)*

*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



Note: The SIB Series is intended for vertical mating only.

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SIR1

Insulator Material: Black LCP

Contact Material: Phosphor Bronze

Plating: Au or Sn over 50 μm (1.27 μm) Ni

Current Rating: 2.8 A per pin (1 pin powered)

Weld Tab: Phosphor Bronze

RoHS Compliant: Yes

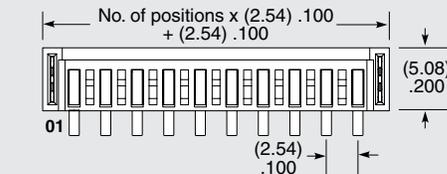
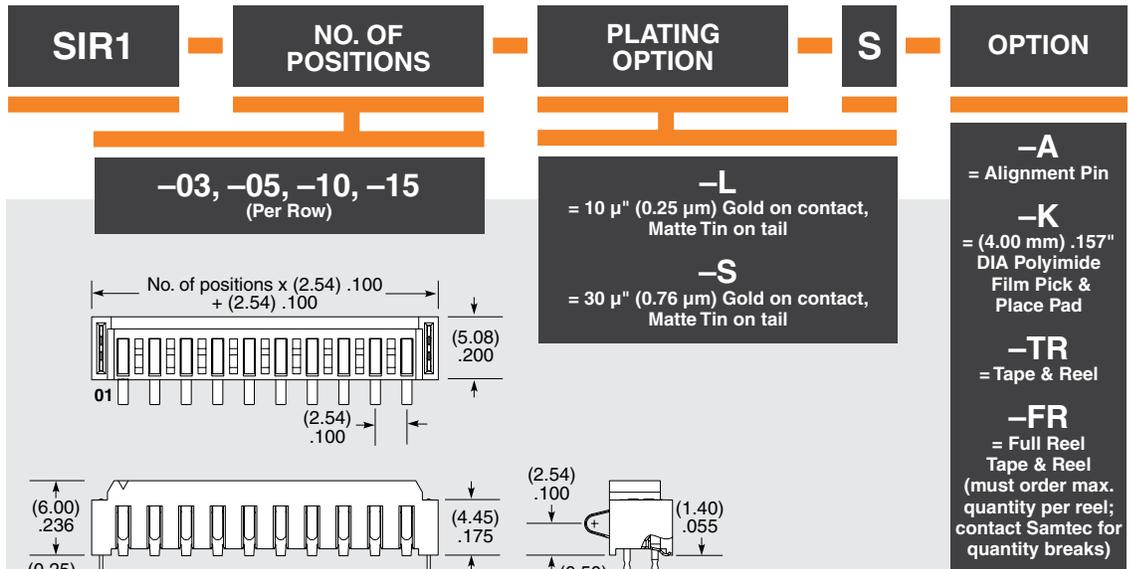
PROCESSING

Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0.10 mm) .004" max

RECOGNITIONS

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



-L
= 10 μm (0.25 μm) Gold on contact, Matte Tin on tail

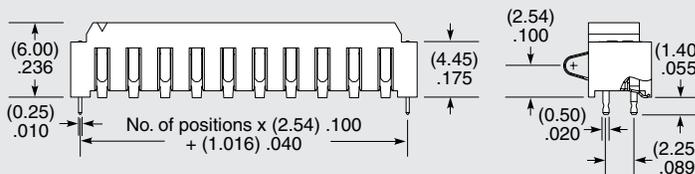
-S
= 30 μm (0.76 μm) Gold on contact, Matte Tin on tail

-A
= Alignment Pin

-K
= (4.00 mm) .157" DIA Polyimide Film Pick & Place Pad

-TR
= Tape & Reel

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)



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

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.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.