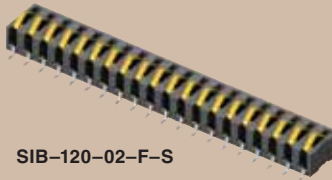


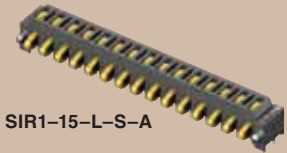


**THE DATASHEET OF
SIB-106-02-F-S**





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 50µ" (1,27 µm) Ni
Current Rating: 2.6 A per pin (1 pin powered per row)
Operating Temp Range: -55°C to +125°C
Normal Force: 111 grams (1,09 N) per contact
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)

RECOGNITIONS

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



| | | | | | | |
|----------------------|---|------------------|---|----------------|--|--------|
| SIB | 1 | NO. OF POSITIONS | 02 | PLATING OPTION | S | OPTION |
| 02 thru 30 (Per Row) | | | -F = Gold flash on contact, Matte Tin on tail | | -LC = Locking Clip (Manual placement required) | |

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 50µ" (1,27 µm) Ni
Current Rating: 2.8 A per pin (1 pin powered per row)
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



| | | | | |
|------------------------------|------------------|--|---|--------|
| SIR1 | NO. OF POSITIONS | PLATING OPTION | S | OPTION |
| -03, -05, -10, -15 (Per Row) | | -L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail -S = 30µ" (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 | |



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

Looking for pricing, stock, or lifecycle information?

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