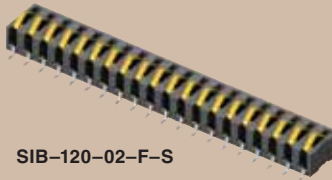


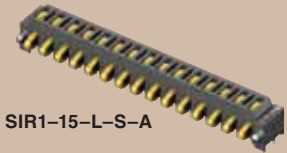


**THE DATASHEET OF
SIB-112-02-F-S-LC**





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



FILE NO. E111594

| | | | | | | |
|----------------------|---|------------------|---|----------------|--|--------|
| 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



FILE NO. E111594

| | | | | |
|------------------------------|------------------|--|---|--------|
| 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?

Click below to explore more details on WIN SOURCE:

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