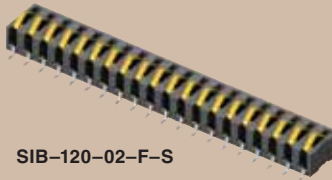


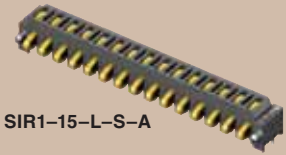


**THE DATASHEET OF  
SIB-104-02-F-S-LC**





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](http://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](http://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](http://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](http://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](http://WWW.SAMTEC.COM)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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