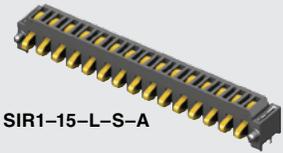


SIB-120-02-F-S



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 μ" (1.27 μm) Ni
Current Rating:
2.6 A per pin
(1 pin powered per row)
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)

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: 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 μ" (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 = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-A = Alignment Pin	
		-S = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail	-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.