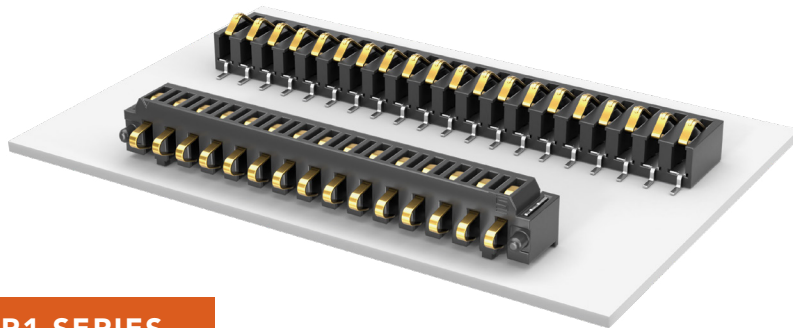


ONE-PIECE INTERFACES

(2.54 mm) .100" PITCH • SIB/SIR1 SERIES



SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Contact Material:
Phosphor Bronze
Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni
Operating Temp Range:
-55 °C to +125 °C
Current Rating:
2.6 A per pin
(1 pin powered)
Voltage Rating:
280 VAC/396 VDC

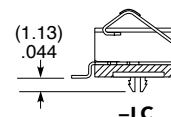
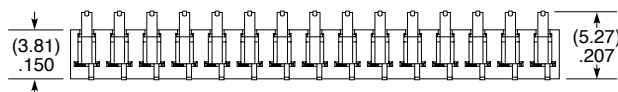
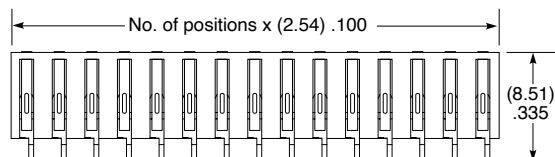
PROCESSING

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)

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

Some lengths, styles and
options are non-standard,
non-returnable.

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)



SPECIFICATIONS

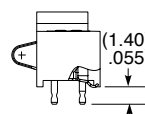
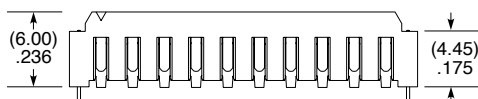
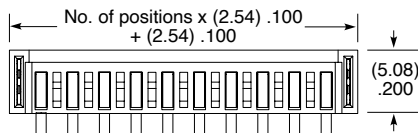
Insulator Material:
Black LCP
Contact Material:
Phosphor Bronze
Weld Tab:
Phosphor Bronze
Plating:
Au or Sn over
50 μ " (1.27 μ m) Ni
Current Rating:
2.8 A per pin
(1 pin powered)
Voltage Rating:
375 VAC/530 VDC

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max

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

SIR1	NO. OF POSITIONS	PLATING OPTION	S	OPTION
	-03, -05, -10, -15 (Per Row)	-L = 10 μ " (0.25 μ m) 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)



samtec.com?SIB or samtec.com?SIR1

F-224 (Rev 23MAY25)