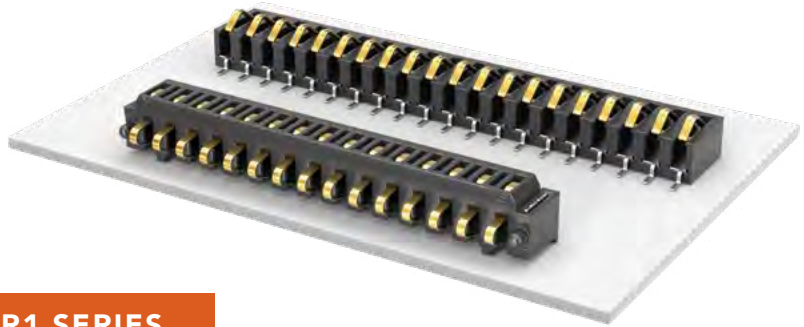


ONE-PIECE INTERFACES



(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 μm) Ni
Current Rating:
2.6 A per pin
(1 pin powered)
Operating Temp Range:
-55 °C to +125 °C

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)

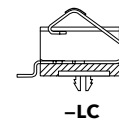
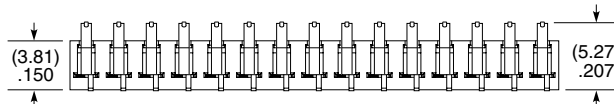
PROCESSING

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.



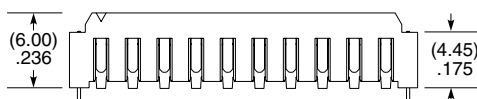
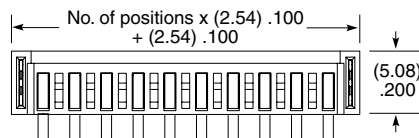
SPECIFICATIONS

Insulator Material:
Black LCP
Contact Material:
Phosphor Bronze
Weld Tab:
Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Current Rating:
2.8 A per pin
(1 pin powered)

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 -S = 30 μ" (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 -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

PROCESSING

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



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

samtec.com?SIB or samtec.com?SIR1