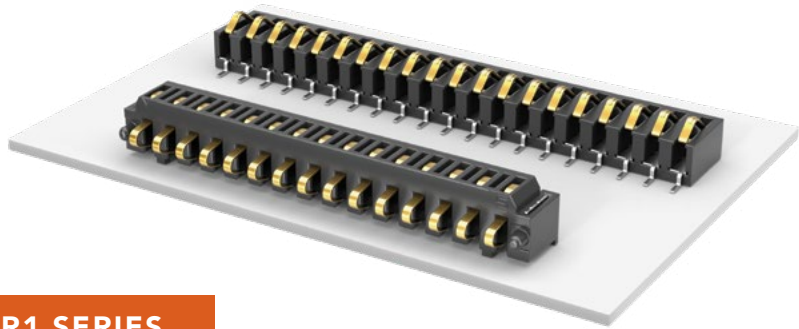


ONE-PIECE INTERFACES



(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
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)

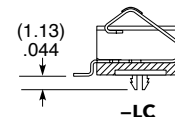
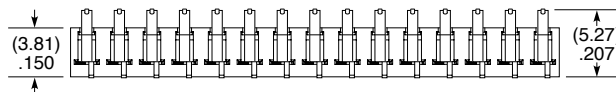
PROCESSING

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 μ m) 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 μ m)
Gold on contact,
Matte Tin on tail

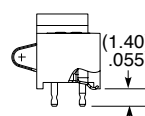
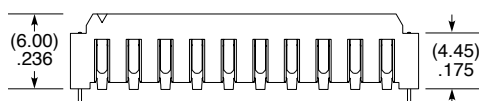
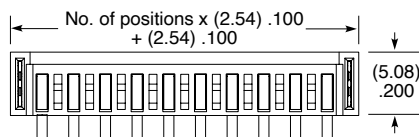
-S
= 30 μ " (0.76 μ m)
Gold on contact,
Matte Tin on tail

-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)

PROCESSING

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



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