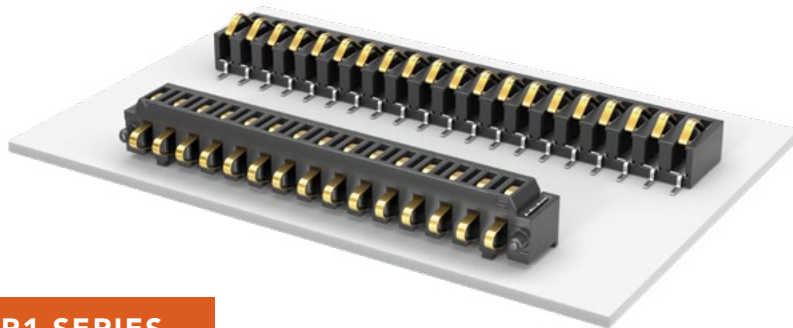


ONE-PIECE INTERFACES



(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

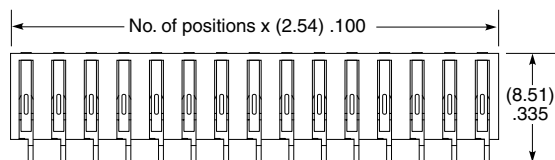
02 thru 30
(Per Row)

-F
= Gold flash
on contact,
Matte Tin on tail

-LC
= Locking
Clip
(Manual
placement
required)

PROCESSING

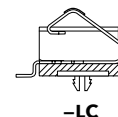
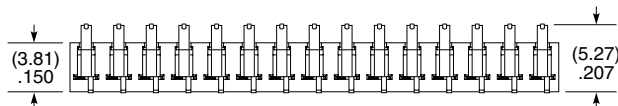
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (02-19)
(0.15 mm) .005" max (20-30)*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)



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

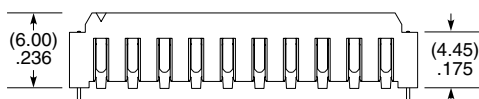
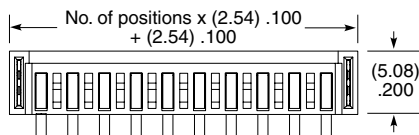
-K
= (4.00 mm) .157"
DIA Polyimide
Film Pick &
Place Pad

-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.

samtec.com?SIB or samtec.com?SIR1

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

Mouser Electronics

Authorized Distributor

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[LC](#) [SIB-119-02-F-S](#) [SIB-128-02-F-S](#) [SIB-128-02-F-S-LC](#) [SIB-129-02-F-S-LC](#) [SIB-103-02-F-S](#) [SIB-119-02-F-S-LC](#)
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[120-02-F-S-LC](#)