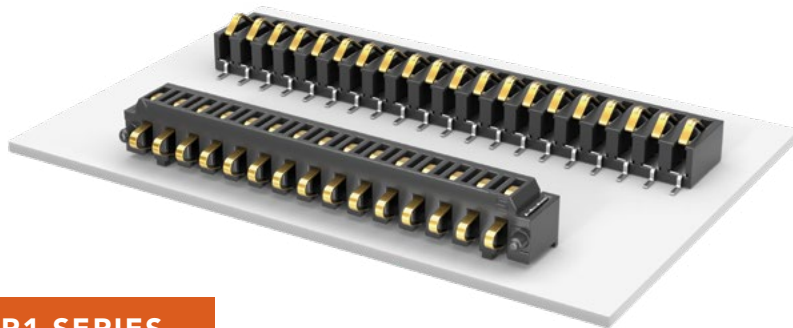


ONE-PIECE INTERFACES

(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

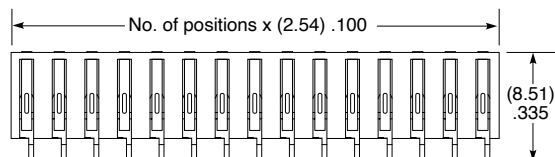
02 thru 30
(Per Row)

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

-LC
= Locking
Clip
(Manual
placement
required)

PROCESSING

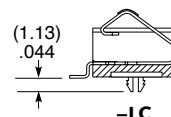
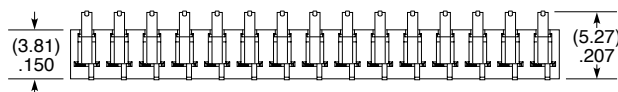
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (02-19)
(0.15 mm) .005" max (20-30)*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)



Notes:

The SIB Series
is intended for vertical
mating only.

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



-LC

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

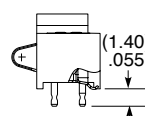
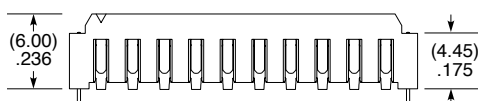
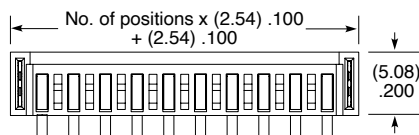
-K
= (4.00 mm) .157"
DIA Polyimide
Film Pick &
Place Pad

-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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

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[SIR1-15-S-S-A-FR](#) [SIR1-03-L-S-K-FR](#) [SIR1-05-S-S-FR](#) [SIR1-07-L-S-FR](#) [SIR1-07-S-S-A-K-FR](#) [SIR1-05-L-S-FR](#)
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