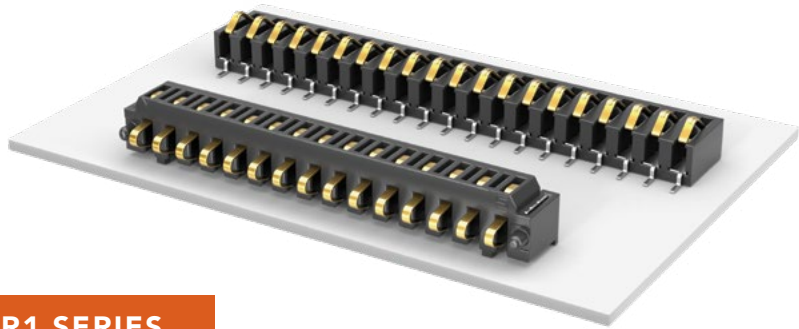


ONE-PIECE INTERFACES



(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
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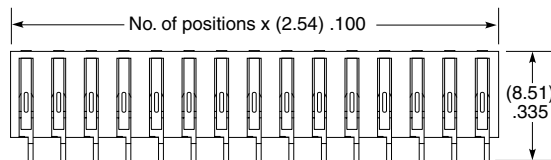
02 thru 30
(Per Row)

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

-LC
= Locking Clip
(Manual placement required)

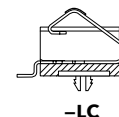
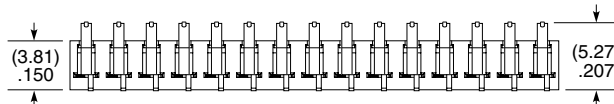
PROCESSING

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

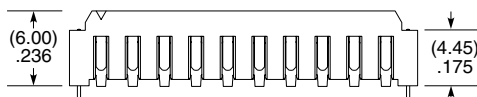
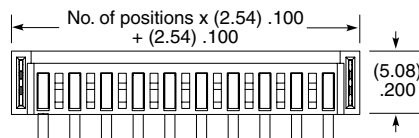
-A
= Alignment Pin
-K
= (4.00 mm) .157" DIA Polyimide Film Pick & Place Pad

-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

Mouser Electronics

Authorized Distributor

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Samtec:

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[SIB-112-02-F-S-LC](#) [SIB-104-02-F-S](#) [SIB-102-02-F-S](#) [SIB-104-02-F-S-LC](#) [SIB-107-02-F-S-LC](#) [SIB-108-02-F-S](#) [SIB-](#)
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[02-F-S-LC](#) [SIB-130-02-F-S](#) [SIB-114-02-F-S-LC](#) [SIB-116-02-F-S](#) [SIB-124-02-F-S-LC](#) [SIB-125-02-F-S](#) [SIB-122-02-F-S](#)
[SIB-126-02-F-S-LC](#) [SIB-117-02-F-S-LC](#) [SIB-122-02-F-S-LC](#) [SIB-126-02-F-S](#) [SIB-109-02-F-S](#) [SIB-117-02-F-S](#) [SIB-](#)
[121-02-F-S-LC](#) [SIB-127-02-F-S](#) [SIB-118-02-F-S](#) [SIB-111-02-F-S](#) [SIB-121-02-F-S](#) [SIB-124-02-F-S](#) [SIB-123-02-F-S-](#)
[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](#)