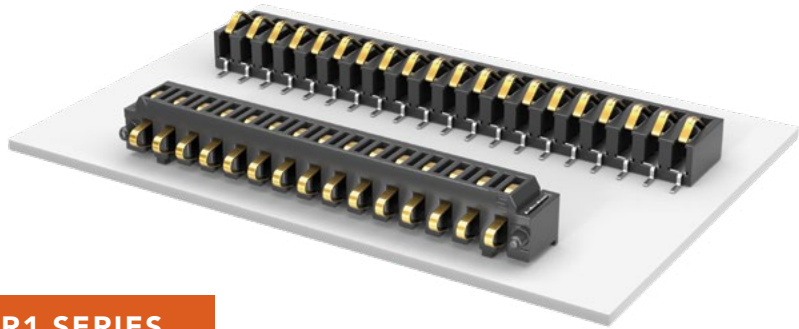




**THE DATASHEET OF
SIR1-03-L-S-K-TR**



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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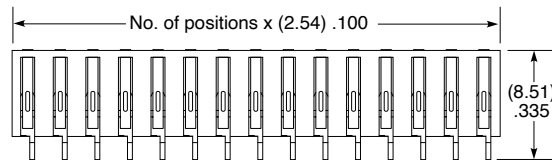
02 thru 30
(Per Row)

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

-LC
= Locking
Clip
(Manual
placement
required)

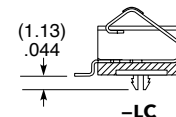
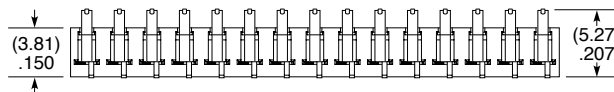
PROCESSING

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
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-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

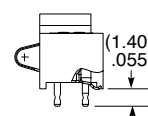
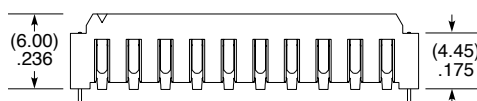
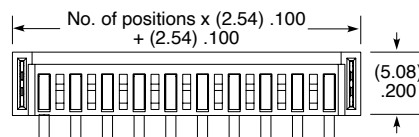
-K
= (4.00 mm) .157"
DIA Polyimide
Film Pick &
Place Pad

-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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View SIR1-03-L-S-K-TR on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management