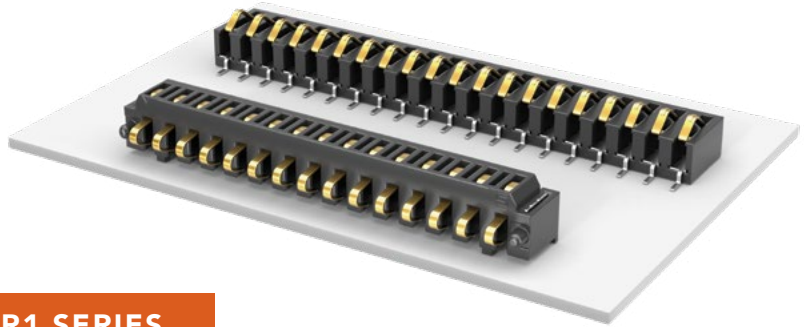


ONE-PIECE INTERFACES



(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

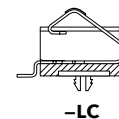
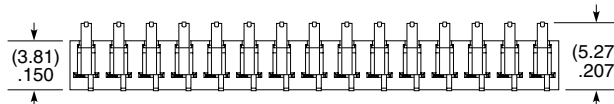
| | | | | | | | | | | |
|------------|---|----------|--------------------------------|---|-----------|--|---|----------|---|---|
| SIB | - | 1 | NO. OF POSITIONS | - | 02 | PLATING OPTION | - | S | - | OPTION |
| | | | 02 thru 30 (Per Row) | | | -F = Gold flash on contact, Matte Tin on tail | | | | -LC = 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

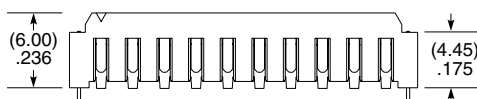
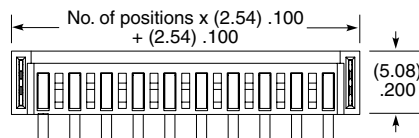
Insulator Material:
Black LCP
Contact Material:
Phosphor Bronze
Weld Tab:
Phosphor Bronze
Plating:
Au or Sn over
50 μ" (1.27 μm) Ni
Current Rating:
2.8 A per pin
(1 pin powered)

| | | | | | | | | |
|-------------|---|--|---|--|---|----------|---|--|
| 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.



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