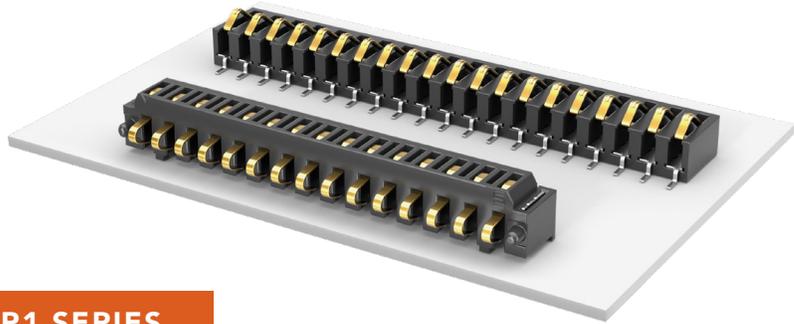


# ONE-PIECE INTERFACES



(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  
**Operating Temp Range:**  
-55 °C to +125 °C  
**Current Rating:**  
2.6 A per pin  
(1 pin powered)  
**Voltage Rating:**  
280 VAC/396 VDC

## 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.

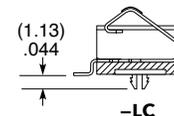
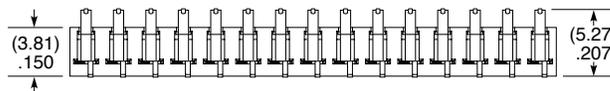
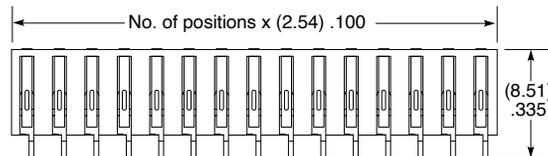
Some lengths, styles and  
options are non-standard,  
non-returnable.

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)



## 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)  
**Voltage Rating:**  
375 VAC/530 VDC

## PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max

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

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

-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)

