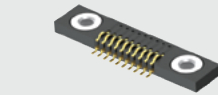
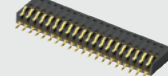


SEI-110-02-GF-S-E-TR



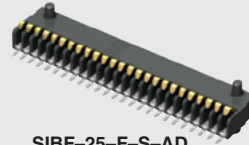
SEI-120-02-GF-S



SIBF-10-F-S-AD



SIBF-25-F-S-AD



SIBF-05-F-S-AD



(1.00 mm) .0394" (SEI) (1.27 mm) .050" (SIBF)

SEI, SIBF SERIES

# ONE-PIECE INTERFACE

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SEI](http://www.samtec.com?SEI) or see [www.samtec.com?SIBF](http://www.samtec.com?SIBF)

### Insulator Material:

SEI = Liquid Crystal Polymer  
SIBF = Black Liquid Crystal Polymer

### Contact Material:

Phosphor Bronze

### Plating:

SEI = Au over 50 μm (1.27 μm) Ni  
SIBF = Au or Sn over 50 μm (1.27 μm) Ni

### Current Rating:

SEI = 2.3 A per pin (1 pin powered)  
SIBF = 2.5 A per pin (1 pin powered)

### Operating Temp Range:

-55 °C to +125 °C

### Mating Force:

SEI = 50 g (0.49 N) per contact

### Voltage Rating:

SEI = 250 VAC  
SIBF = 155 VAC

### Cycles:

SEI = 100 min

### Contact Deflection:

SEI = (0.46 mm) .018" nominal

### RoHS Compliant:

Yes

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity (SEI):

(0.10 mm) .004" max (05-25)

(0.15 mm) .006" max (30)\*

\*(.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))

### SMT Lead Coplanarity (SIBF):

(0.10 mm) .004" max (05-20)

(0.15 mm) .006" max (25)\*

\*(.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



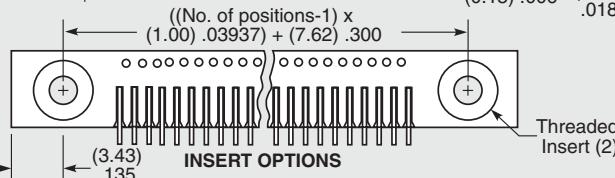
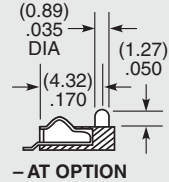
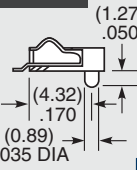
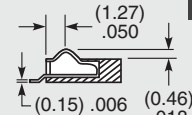
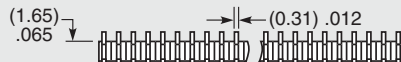
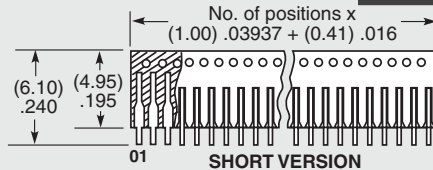
05, 10, 15,  
20, 25, 30  
(Standard sizes)

-G  
= 10 μm (0.25 μm) Gold  
-GF  
= 3 μm (0.08 μm) Gold flash

Leave blank for Short Version (No screw down inserts or holes)  
-E  
= #2-56 x 1/16" screw thread  
-M  
= 2.00 mm x 0.40 mm screw thread

Leave blank for no Alignment Pin  
-AT  
= Alignment Pin Top Side  
-AB  
= Alignment Pin Bottom Side

-TR  
= Tape & Reel



RUGGEDIZED BY SAMTEC

• Threaded insert option

SIBF

NO. OF POSITIONS

PLATING OPTION

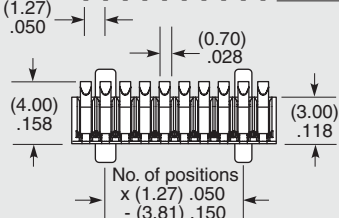
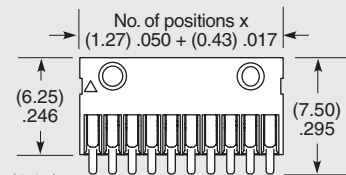
S

OPTION

-05, -10, -20, -25

-F  
= Flash Gold, Matte Tin on tail

-AD  
= Top & Bottom Alignment Pin



ALSO AVAILABLE (MOQ Required)

- Additional positions
- Top or bottom side only alignment pin

Due to technical progress, all designs, specifications and components are subject to change without notice.

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Authorized Distributor

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