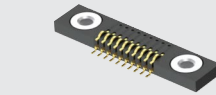
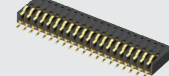


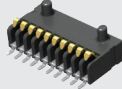
SEI-110-02-GF-S-E-TR



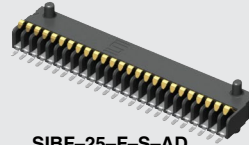
SEI-120-02-GF-S



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)

### 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)

## 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

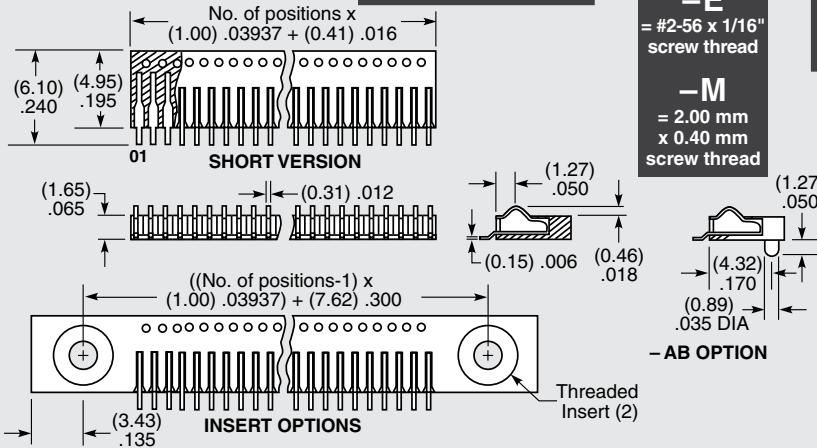
Leave blank for no Alignment Pin

-AT  
= Alignment Pin Top Side

-AB  
= Alignment Pin Bottom Side

-TR  
= Tape & Reel

-FR  
= Full Reel Tape & Reel (must order max. quantity per reel; Contact Samtec for quantity breaks)



SIBF

NO. OF POSITIONS

PLATING OPTION

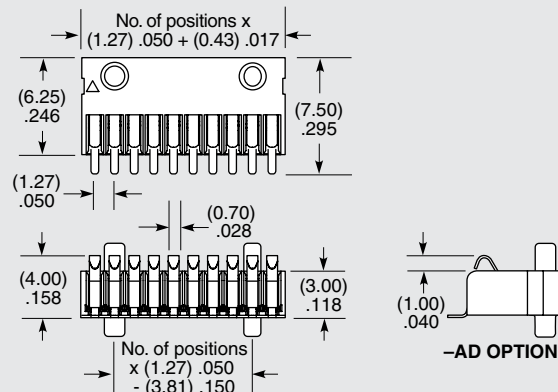
S

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

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