

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 or see 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



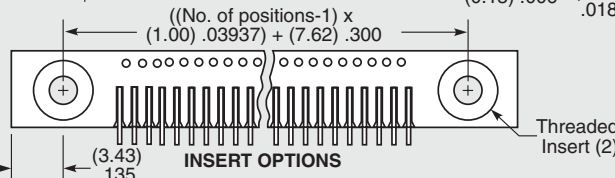
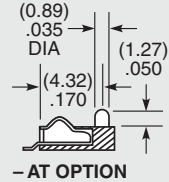
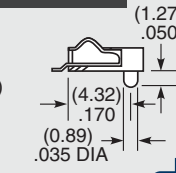
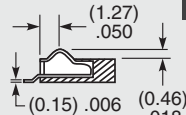
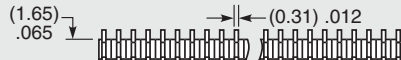
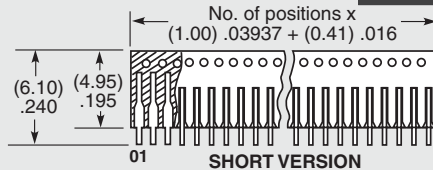
05, 10, 15,
20, 25, 30
(Standard sizes)

-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



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• Threaded insert option

SIBF

NO. OF POSITIONS

PLATING OPTION

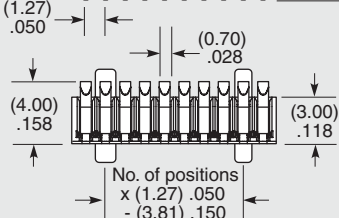
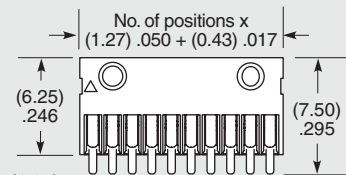
S

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.