

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 μ" (1.27 μm) Ni
SIBF = Au or Sn over
50 μ" (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 μ" (0.25 μm) Gold

-GF
= 3 μ" (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

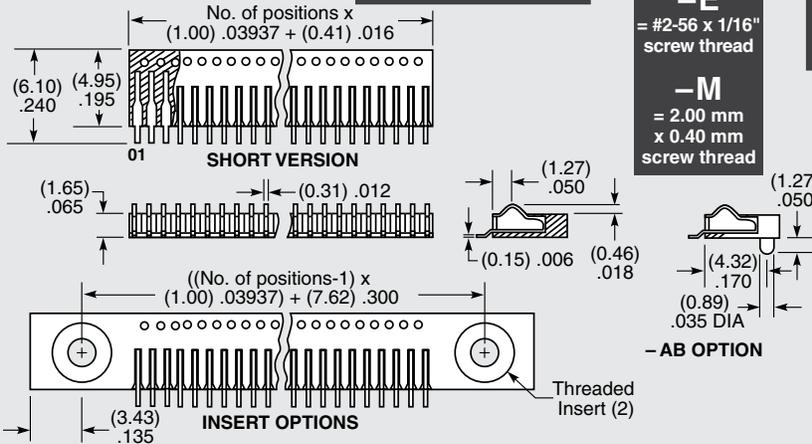
Leave blank for no Alignment Pin

-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

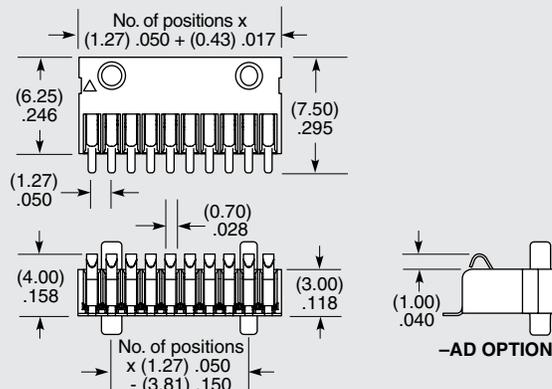
S

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