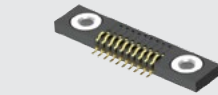




SEI-110-02-GF-S-E-TR



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

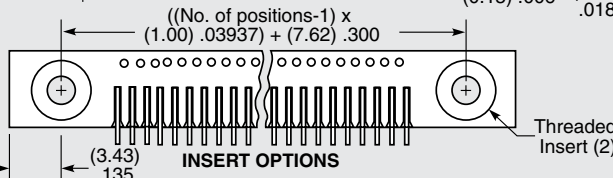
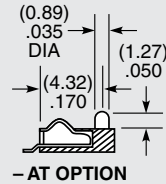
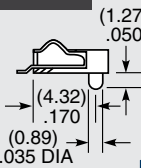
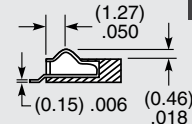
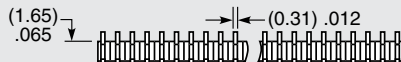
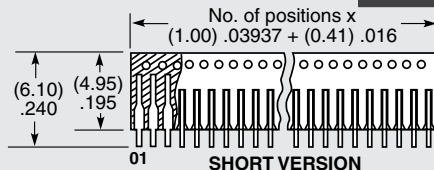
-M
= 2.00 mm x 0.40 mm screw thread

Leave blank for no Alignment Pin

-AT
= Alignment Pin Top Side

-AB
= Alignment Pin Bottom Side

-TR
= Tape & Reel



RUGGEDIZED BY SAMTEC

• Threaded insert option

SIBF

NO. OF POSITIONS

PLATING OPTION

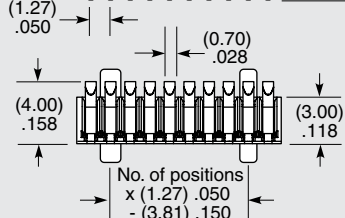
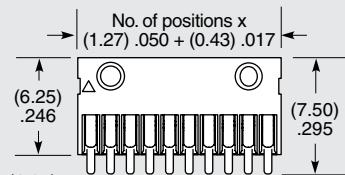
S

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
- Contact Samtec.

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.