



SIBF-10-F-S-AD



SIBF-25-F-S-AD



SIBF-05-F-S-AD

SEI, SIBF SERIES

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

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 μ m) Ni

SIBF = Au or Sn over

50 μ " (1.27 μ m) 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 $^{\circ}$ C to +125 $^{\circ}$ 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)*

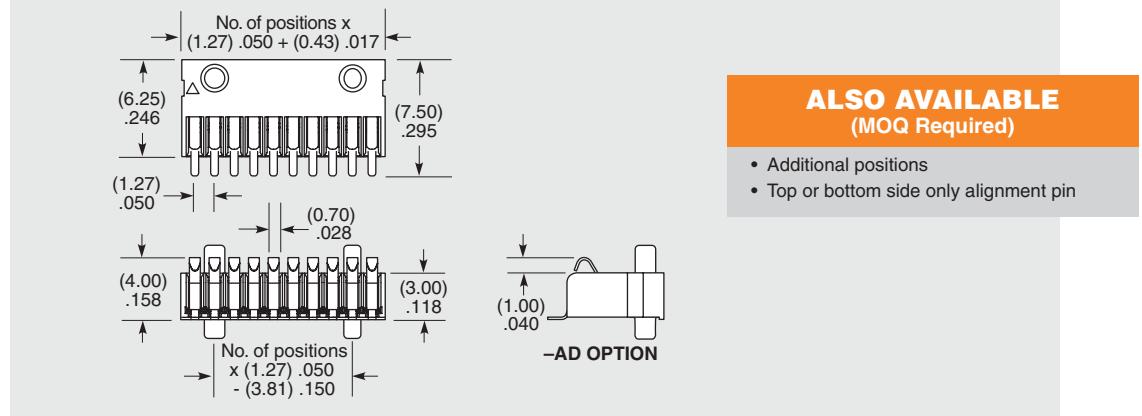
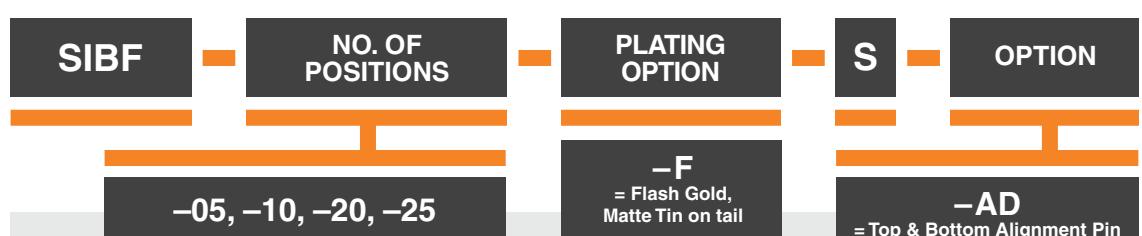
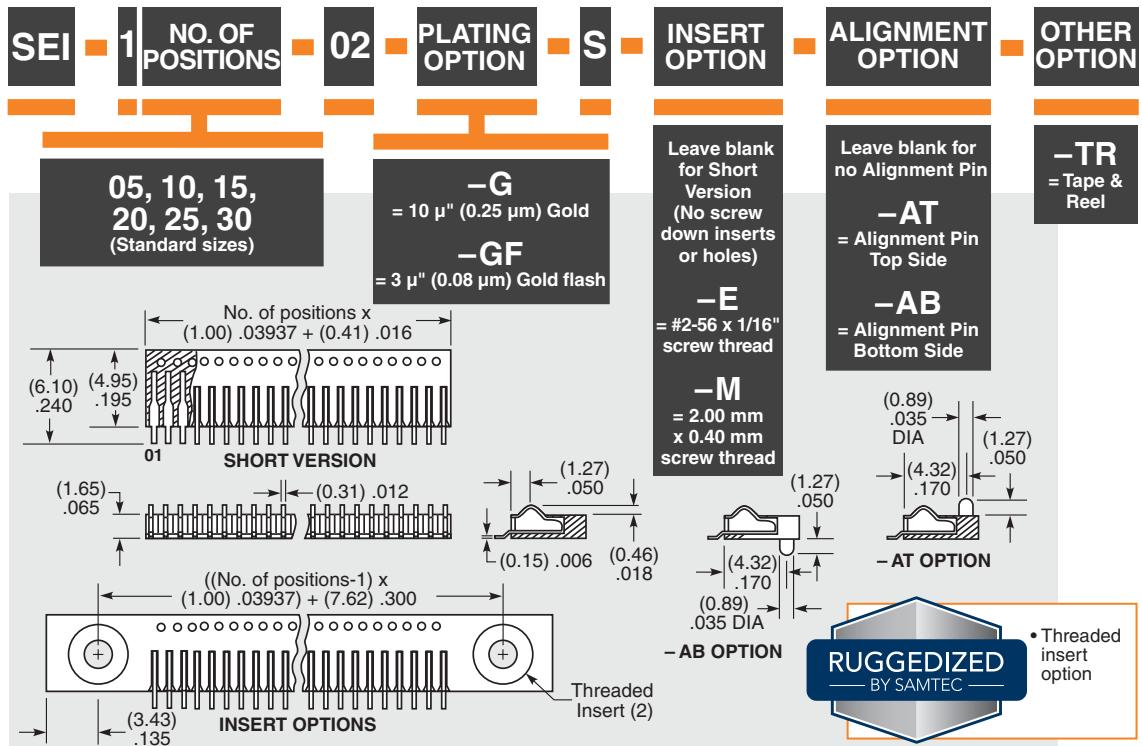
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RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594



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

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

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