



**THE DATASHEET OF
SEI-120-02-G-S-AT**





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

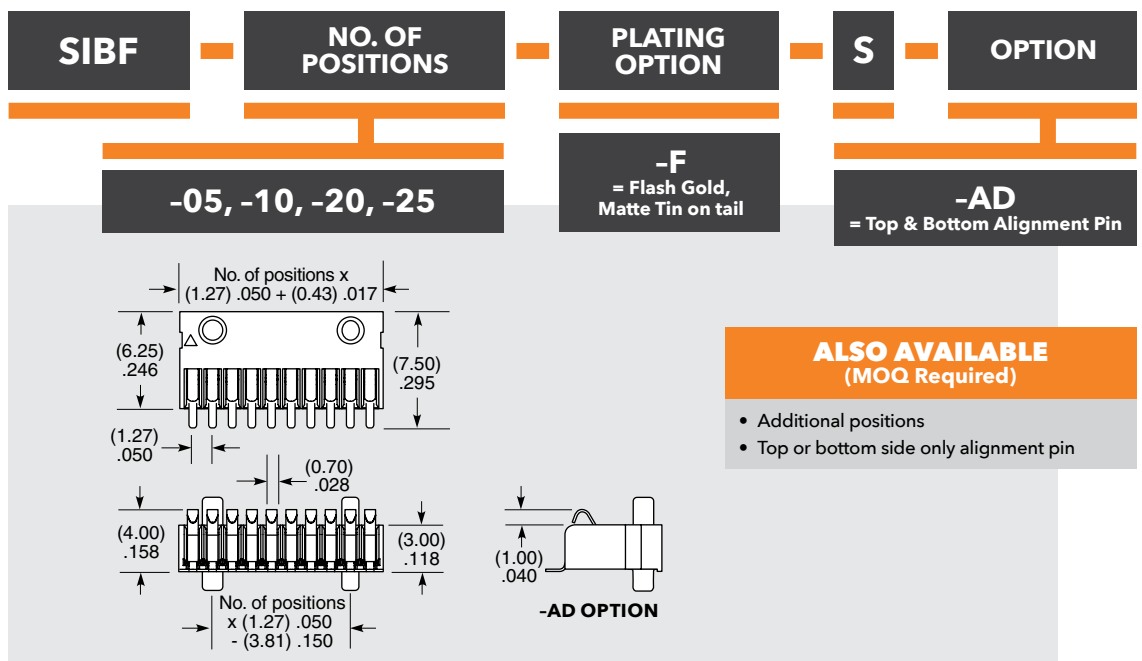
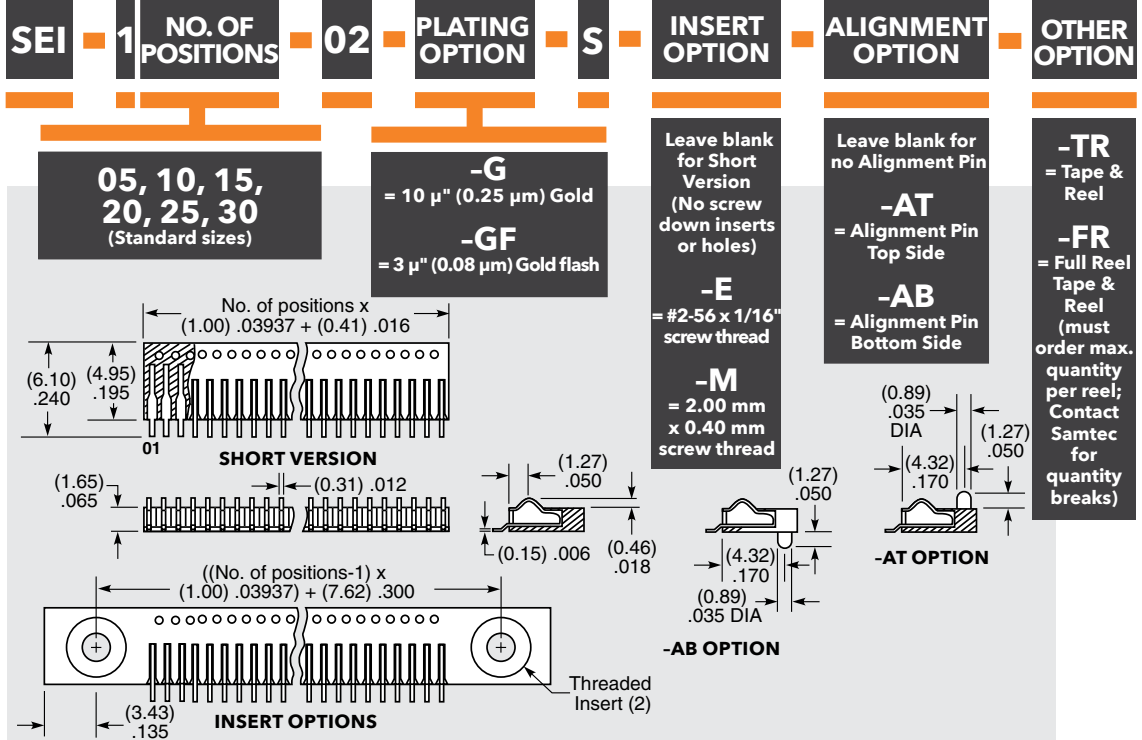
Lead-Free Solderable:
Yes

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



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