



**THE DATASHEET OF  
SEI-120-02-G-S-AB-TR**





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](http://www.samtec.com?SEI) or see [www.samtec.com?SIBF](http://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

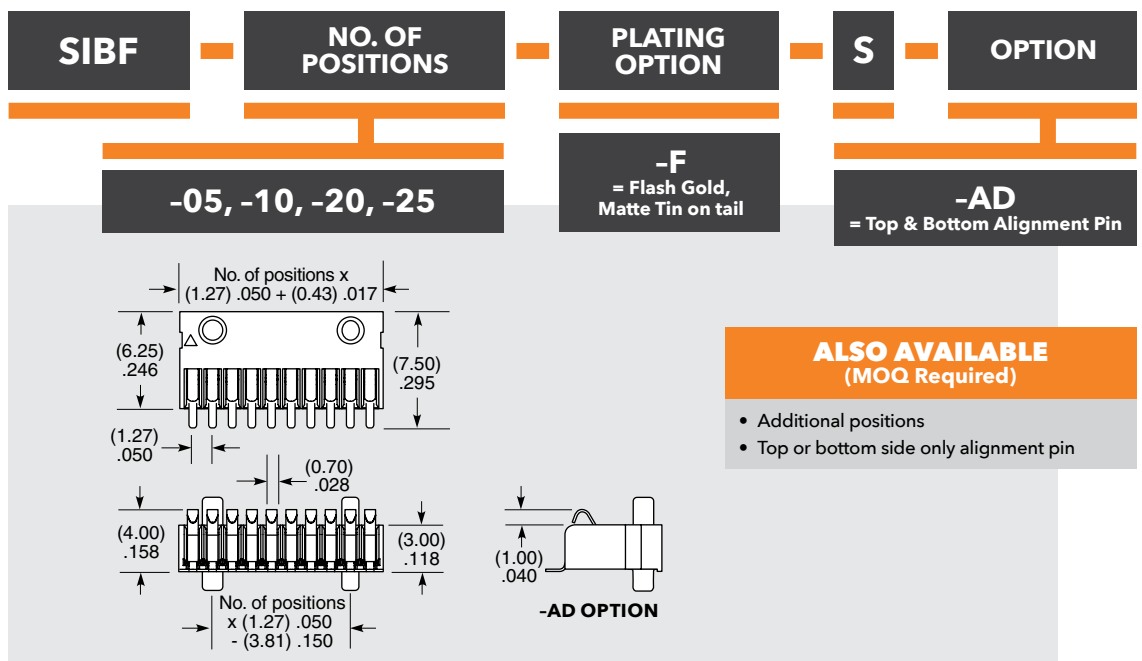
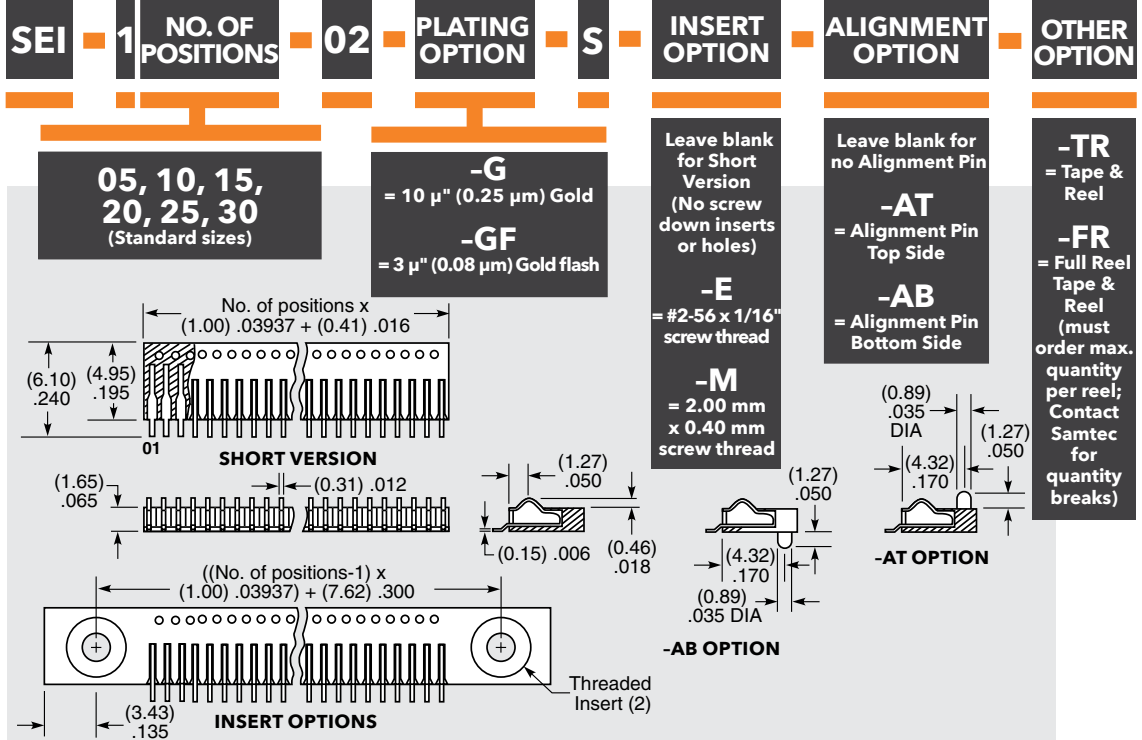
**Lead-Free Solderable:**  
Yes

**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](mailto: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](mailto:ipg@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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