

(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 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 °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):

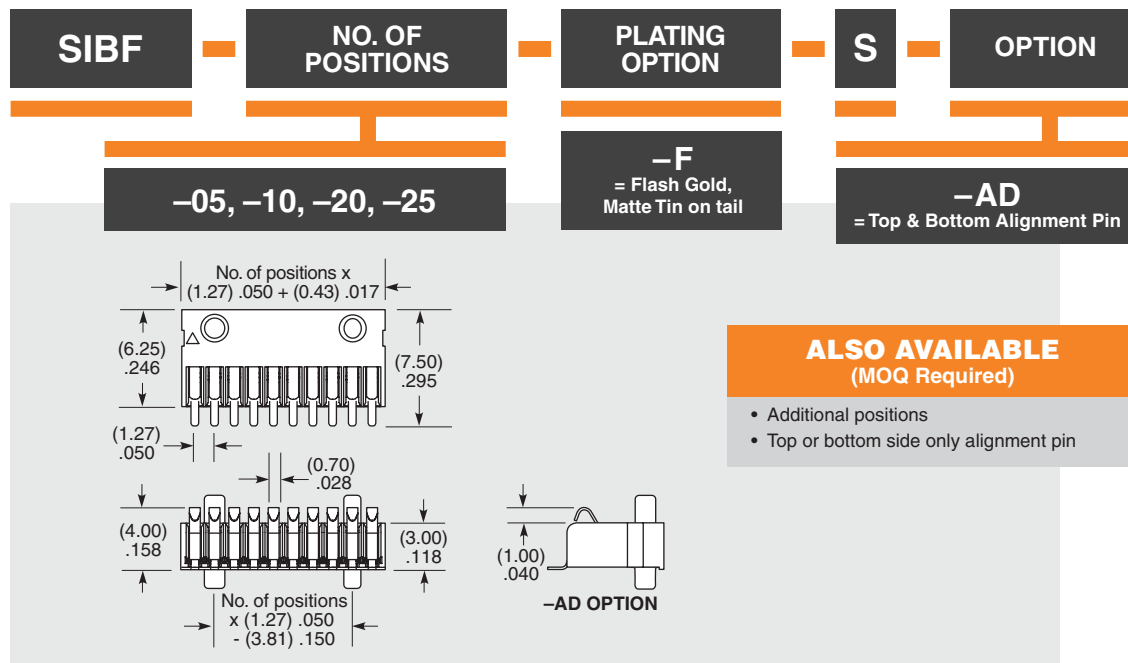
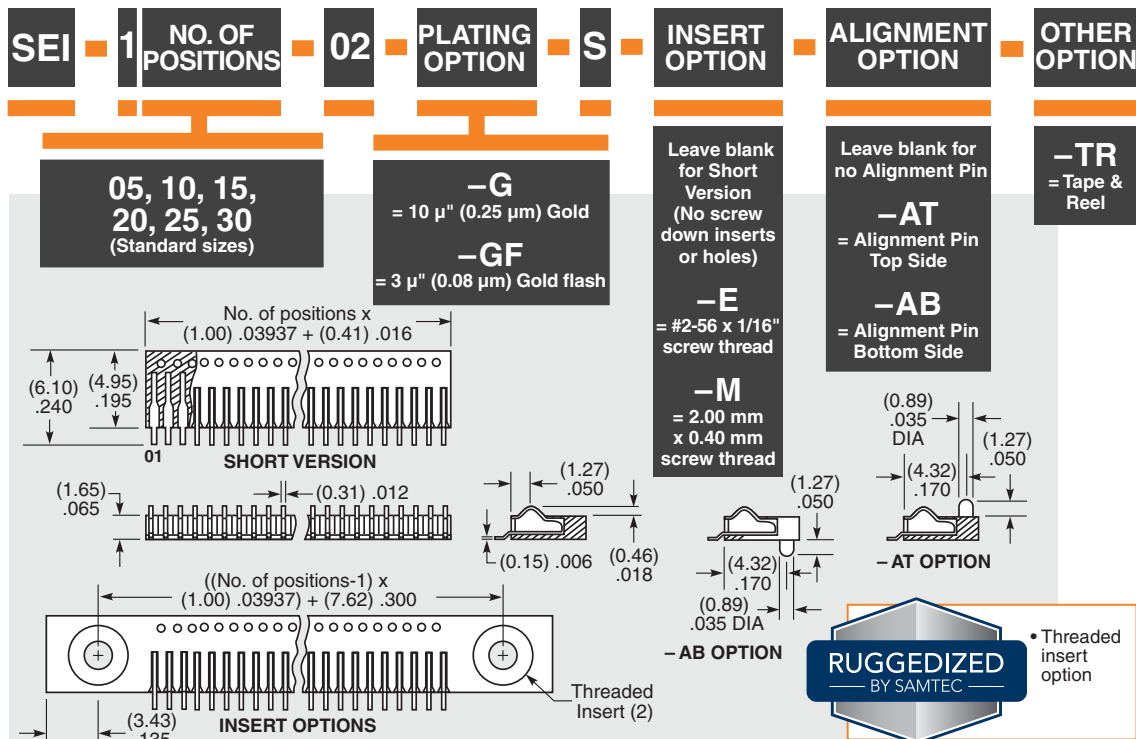
(0.10 mm) .004" max (05-20)
(0.15 mm) .006" max (25)*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)

RECOGNITIONS

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



FILE NO. E111594



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.