



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





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



05, 10, 15, 20, 25, 30
(Standard sizes)

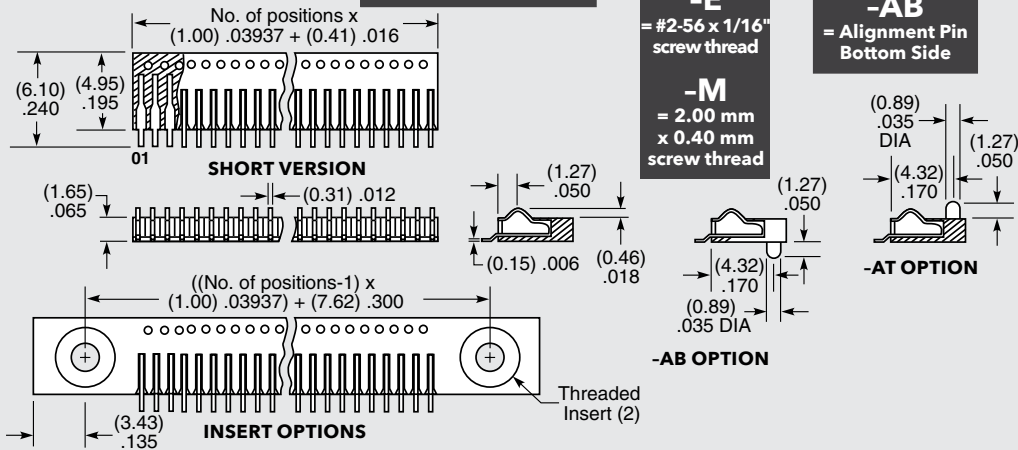
-G
= 10 μ" (0.25 μm) Gold
-GF
= 3 μ" (0.08 μm) Gold flash

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
-FR
= Full Reel Tape & Reel (must order max. quantity per reel; Contact Samtec for quantity breaks)



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

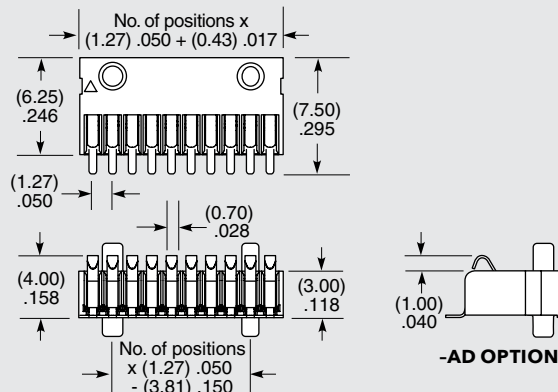
For complete scope of recognitions see www.samtec.com/quality



-05, -10, -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

Mouser Electronics

Authorized Distributor



Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[SEI-110-02-G-S-AB](#) [SEI-120-02-G-S-AB](#) [SEI-115-02-G-S-AB](#) [SEI-110-02-GF-S-AB](#) [SEI-120-02-GF-S-M-AB](#) [SEI-105-02-G-S-AB](#) [SEI-125-02-GF-S-E-AB-TR](#) [SEI-120-02-GF-S-E-AB](#) [SEI-120-02-GF-S-E-AB-TR](#) [SEI-105-02-GF-S](#) [SEI-105-02-GF-S-TR](#) [SEI-105-02-G-S-M](#) [SEI-105-02-G-S](#) [SEI-120-02-G-S-M-AT](#) [SEI-125-02-GF-S-AB](#) [SEI-120-02-G-S-AT](#) [SEI-130-02-GF-S-AT-TR](#) [SEI-130-02-GF-S-M](#) [SEI-110-02-G-S-M-AB](#) [SEI-120-02-GF-S](#) [SEI-120-02-G-S-M-AB](#) [SEI-110-02-GF-S-AB-TR](#) [SEI-110-02-GF-S-E-AT](#) [SEI-116-02-G-S](#) [SEI-120-02-G-S-E-AB](#) [SEI-125-02-GF-S-M](#) [SEI-107-02-GF-S](#) [SEI-120-02-G-S-TR](#) [SEI-110-02-GF-S-M-AT](#) [SEI-120-02-G-S-AB-TR](#) [SEI-116-02-GF-S-AT](#) [SEI-118-02-G-S-AT](#) [SEI-125-02-G-S](#) [SEI-130-02-G-S-M-AT](#) [SEI-110-02-GF-S-AT](#) [SEI-120-02-G-S-E](#) [SEI-120-02-G-S-M](#) [SEI-115-02-GF-S-E-AB](#) [SEI-115-02-GF-S-E-AT](#) [SEI-115-02-G-S-M-AT](#) [SEI-124-02-GF-S-M](#) [SEI-114-02-GF-S](#) [SEI-125-02-G-S-AB](#) [SEI-110-02-G-S-AT](#) [SEI-120-02-G-S](#) [SEI-112-02-GF-S-AB](#) [SEI-115-02-GF-S-AB](#) [SEI-120-02-GF-S-AB](#) [SEI-125-02-G-S-M](#) [SEI-110-02-G-S](#) [SEI-130-02-GF-S-AT](#) [SEI-130-02-G-S-E-AB](#) [SEI-105-02-G-S-M-AB](#) [SEI-106-02-GF-S](#) [SEI-110-02-G-S-AB-TR](#) [SEI-110-02-G-S-E-AB](#) [SEI-125-02-G-S-E-AT](#) [SEI-110-02-GF-S-M](#) [SEI-115-02-G-S-TR](#) [SEI-116-02-G-S-AB](#) [SEI-130-02-GF-S](#) [SEI-130-02-GF-S-AB](#) [SEI-125-02-G-S-AT-TR](#) [SEI-130-02-GF-S-E-AT](#) [SEI-130-02-G-S-E](#) [SEI-105-02-GF-S-AB](#) [SEI-105-02-GF-S-AT](#) [SEI-130-02-G-S-AT](#) [SEI-110-02-GF-S](#) [SEI-115-02-G-S-M](#) [SEI-120-02-GF-S-M-AT](#) [SEI-125-02-G-S-AT](#) [SEI-130-02-GF-S-E-AB-TR](#) [SEI-110-02-GF-S-E-AB](#) [SEI-115-02-G-S-M-AB-TR](#) [SEI-120-02-GF-S-AB-TR](#) [SEI-125-02-G-S-E-AB](#) [SEI-110-02-G-S-E-AT](#) [SEI-115-02-GF-S](#) [SEI-125-02-GF-S-M-AB](#) [SEI-125-02-G-S-E](#) [SEI-130-02-GF-S-E](#) [SEI-130-02-G-S-E-AT](#) [SEI-115-02-G-S](#) [SEI-115-02-G-S-AB-TR](#) [SEI-115-02-G-S-AT](#) [SEI-120-02-G-S-E-AT](#) [SEI-125-02-GF-S-AT](#) [SEI-130-02-GF-S-E-AT-TR](#) [SEI-130-02-GF-S-M-AB](#) [SEI-130-02-G-S-AB](#) [SEI-125-02-GF-S-M-AT](#) [SEI-130-02-GF-S-E-AB](#) [SEI-130-02-G-S-E-AT-TR](#) [SEI-106-02-GF-S-AT](#) [SEI-111-02-G-S](#) [SEI-115-02-G-S-E](#) [SEI-120-02-GF-S-M](#) [SEI-130-02-G-S-M](#) [SEI-108-02-GF-S-AT](#)

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View SEI-120-02-G-S-M-AB on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management