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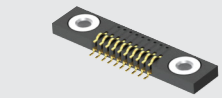
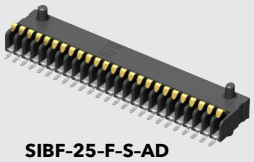
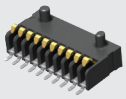

SEI-110-02-GF-S-E-TR

SEI-120-02-GF-S


SIBF-25-F-S-AD


SIBF-10-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/354 VDC
SIBF = 155 VAC/219 VDC
Cycles:
SEI = 100 min
Contact Deflection:
SEI = (0.46 mm) .018" nominal
RoHS Compliant:
Yes

PROCESSING

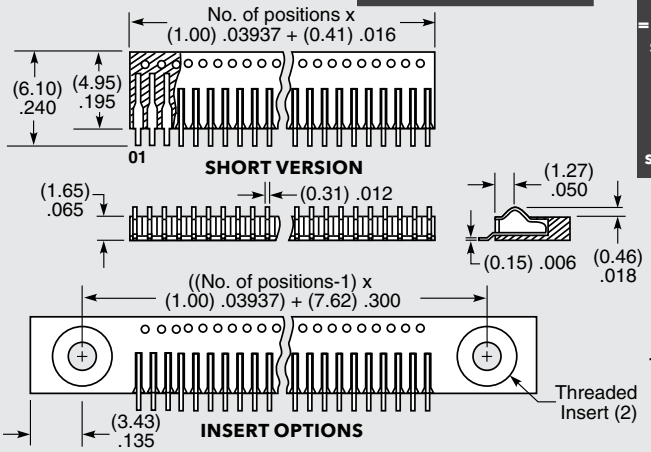
Lead-Free Solderable:
Yes
SMT Lead Coplanarity (SEI):
(0.10 mm) .004" max (05-25)
(0.15 mm) .006" max (30)*
*(.004" stencil solution may be available; contact ipg@samtec.com)
SMT Lead Coplanarity (SIBF):
(0.10 mm) .004" max (05-20)
(0.15 mm) .006" max (25)*
*(.004" stencil solution may be available; contact ipg@samtec.com)

RECOGNITIONS

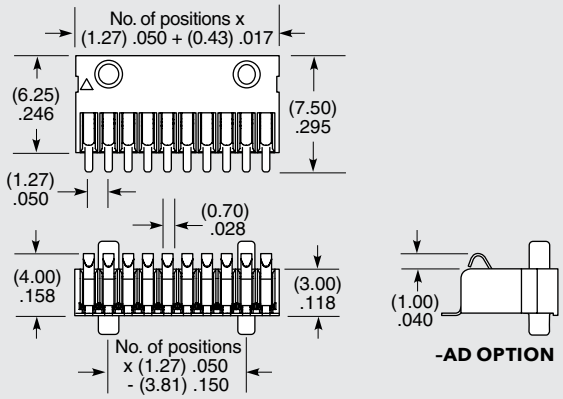
For complete scope of recognitions see www.samtec.com/quality

FILE NO. E111594

SEI	-	1 NO. OF POSITIONS	-	02	-	PLATING OPTION	-	S	-	INSERT OPTION	-	ALIGNMENT OPTION	-	OTHER OPTION
		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)



SIBF	-	NO. OF POSITIONS	-	PLATING OPTION	-	S	-	OPTION
		-05, -10, -20, -25		-F = Flash Gold, Matte Tin on tail				-AD = Top & Bottom Alignment Pin



ALSO AVAILABLE
Contact Samtec

- Additional positions
- Top or bottom side only alignment pin

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

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-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-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-E-AB SEI-125-02-G-S-E-AT SEI-110-02-GF-S-M 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 SEI-112-02-G-S SEI-115-02-G-S-E-AB SEI-115-02-G-S-M-AB SEI-105-02-GF-S-M-AT