

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

Insulator Material: Liquid Crystal Polymer
Contact Material: Phosphor Bronze
Plating: Au over 50µ" (1,27 µm) Ni
Current Rating: 2.3 A per pin (1 pin powered)
Operating Temp Range: -55°C to +125°C
Mating Force: 50g (0,49 N) per contact
Voltage Rating: 400 VAC
Cycles: 100 min
Contact Deflection: (0,46 mm) .018" nominal
RoHS Compliant: Yes

Processing:
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10 mm) .004" max (05-25)
 (0,15 mm) .006" max (30)

RECOGNITIONS

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



SEI	1	NO. OF POSITIONS	02	PLATING OPTION	S	INSERT OPTION	ALIGNMENT OPTION	OTHER OPTION	
		05, 10, 15, 20, 25, 30 (Standard sizes)			-G = 10µ" (0,25 µm) Gold -GF = 3µ" (0,08 µm) Gold flash	-E = #2-56 x 1/16" screw thread -M = 2,00 mm x 0,40 mm screw thread	-AT = Alignment Pin Top Side -AB = Alignment Pin Bottom Side	-TR = Tape & Reel	
								• Threaded insert option	

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SIBF

Insulator Material: Black Liquid Crystal Polymer
Contact Material: Phosphor Bronze
Plating: Au or Sn over 50µ" (1,27 µm) Ni
Current Rating: 2.5 A per pin (1 pin powered)
Operating Temp Range: -55°C to +125°C
Voltage Rating: 155 VAC
RoHS Compliant: Yes

Processing:
Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10 mm) .004" max (05-20)
 (0,15 mm) .006" max (25)

RECOGNITIONS

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



SIBF	NO. OF POSITIONS	PLATING OPTION	S	OPTION						
		-05, -10, -20, -25	-F = Flash Gold, Matte Tin on tail	-AD = Top & Bottom Alignment Pin						
				<table border="1"> <thead> <tr> <th>SIBF 3 mm Stack Height</th> <th>Rated @ 3dB Insertion Loss*</th> </tr> </thead> <tbody> <tr> <td>Single-Ended Signaling</td> <td>7 GHz / 14 Gbps</td> </tr> <tr> <td>Differential Pair Signaling</td> <td>7.5 GHz / 15 Gbps</td> </tr> </tbody> </table> <p>*Test board losses de-embedded from performance data. Performance data for other stack heights and complete test data available at www.samtec.com?SIBF or contact sig@samtec.com</p>	SIBF 3 mm Stack Height	Rated @ 3dB Insertion Loss*	Single-Ended Signaling	7 GHz / 14 Gbps	Differential Pair Signaling	7.5 GHz / 15 Gbps
SIBF 3 mm Stack Height	Rated @ 3dB Insertion Loss*									
Single-Ended Signaling	7 GHz / 14 Gbps									
Differential Pair Signaling	7.5 GHz / 15 Gbps									

ALSO AVAILABLE (MOQ Required)

- Additional positions
 - Top or bottom side only alignment pin
- Contact Samtec.