

SIB-110-02-F-S

OPP-07-01-T-S-AT

SIB-120-02-F-S

OPP-10-01-T-S-E-AT

ONE PIECE INTERFACE SIB, OPP SERIES

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au or Sn over 50µ" (1,27µm) Ni

Current Rating:

1A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Normal Force:

111 grams (1,09N) per contact

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max

Note: Some sizes, styles and options are non-standard, non-returnable.



SIB - 1 NO. PINS PER ROW - 02 - PLATING OPTION - S - OPTION

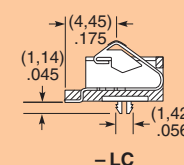
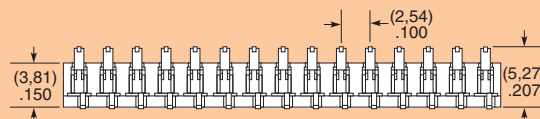
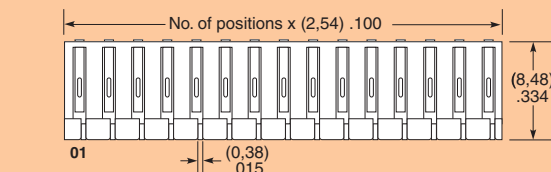
02 thru 30

PLATING OPTION

-F
= Gold flash on contact,
Matte Tin on tail

OPTION

-LC
= Locking
Clip



SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

BeCu

Plating:

Sn over 50µ" (1,27µm) Ni

Operating Temp Range:

-55°C to +105°C

Current Rating:

5A @ 75°C ambient

Voltage Rating:

600 VAC

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,15mm) .006" max

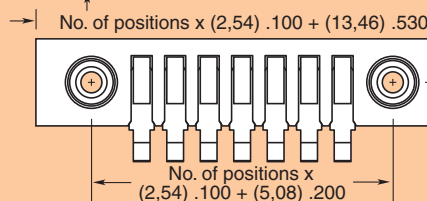
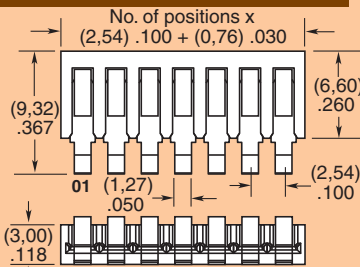
Note: Some sizes, styles and options are non-standard, non-returnable.



OPP - NO. PINS PER ROW - 01 - PLATING OPTION - S - INSERT OPTION - OTHER OPTION

-03, -07, -10

(-07 and -10 may require board stiffener)



-T
= Matte Tin

Leave blank
for no Screw
Inserts

-E
= #2-56 x 1/16"
screw thread

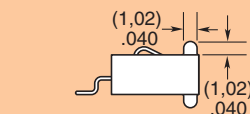
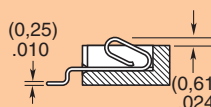
-M
= 2,00mm x
0,40mm screw
thread

Leave blank
for no
Alignment
Pin

-AT
= Alignment
Pin
Top Side

-AB
= Alignment
Pin
Bottom Side

-AD
= Alignment
Pin
Dual Side



-AT, -AD & -AB OPTION

Due to technical progress, all designs, specifications and components are subject to change without notice.

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