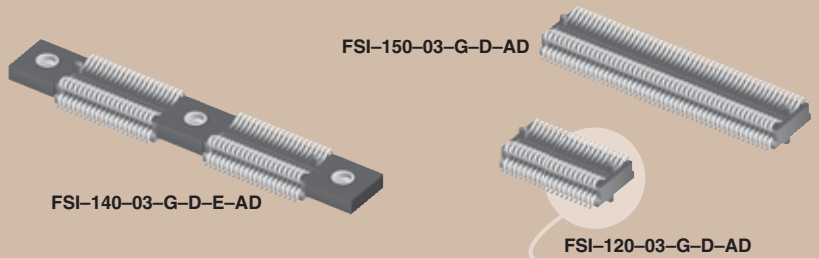


(1,00mm) .03937"

FSI SERIES



SPECIFICATIONS

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

Insulator Material:
Liquid Crystal
Polymer
Contact Material:
BeCu
Current Rating:
1A @ 80°C ambient
Operating Temp Range:
-55°C to +125°C
Plating:
Au over 50µ" (1,27µm) Ni
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 (05-35)
(0,15mm) .006" max (40-50)
Compression Board:
Gold Pads required

Note: Applications requiring 40-50 positions without threaded inserts, please contact Samtec Interconnect Processing Group.

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

Also Available

- Low Profile**
See SEI Series.
- .100" (2,54mm) Pitch**
See SIB Series.
- High Density**
See GFZ Series.
- Flex Data Link**
See FSIF Series.

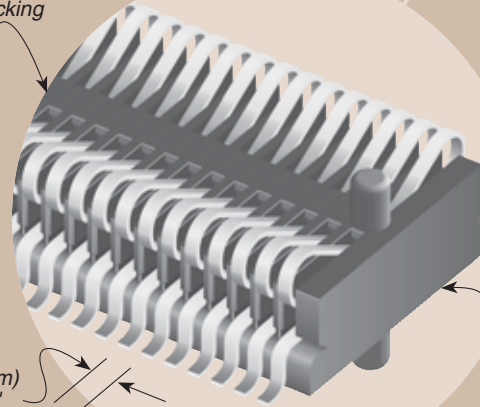
APPLICATION SPECIFIC OPTION

Metric insert, no alignment pin, top side alignment pin and bottom side alignment pin.
Call Samtec.

Choice of board stacking profiles

(1,00mm) .03937"

Short version or optional threaded inserts



FSI	1 PINS PER ROW	BODY HEIGHT	PLATING OPTION	D	INSERT OPTION	AD	OTHER OPTION
	10, 20, 30, 40 & 50 (Insert/Screw Option) 05, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Short Version)	-03 = 3,00mm	-G = 10µ" (0,25µm) Gold	Leave blank for Short Version (No screw down inserts or holes) -E = #2-56 x 1/16" screw thread (-SD not available)	-SD = Screw Down (For mating with FSIF Series Flex Data Link) (10, 20, 30 positions only) (Threaded insert option not available)		-K = Polyimide Film Pick & Place Pad -TR = Tape & Reel Packaging

(No. of positions x (1,00) .03937) + (0,76) .030

(1,00) .03937

(No. of positions x (1,00) .03937) + (7,24) .285

(No. of positions x (1,00) .03937) + (14,10) .555

Insert Option (10, 20 & 30 pins/row)

(No. of positions x (1,00) .03937) + (22,09) .870

(No. of positions/2 x (1,00) .03937) + (7,62) .300

Insert Option (40 & 50 pins/row)

(8,76) .345

(0,64) .025 TYP

(0,36) .014

Short Version

(3,00) .118

(0,15) .006

(1,40) .055

(1,40) .055

(1,07) .042 DIA

Contact Detail

(8,22) .324

(0,89) .035

(14,22) .560

-SD OPTION

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