

(1,00mm) .03937"

FSI SERIES

FSI-120-06-L-D-AD

FSI-150-03-G-D-E-AD

FSI-150-03-G-D-AD

LOW PROFILE & ELEVATED ONE PIECE

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:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,10mm) .004" max (05-35)

(0,15mm) .006" max (40-50)

Compression Board:

Gold Pads required



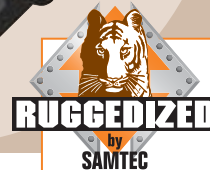
APPLICATION SPECIFIC OPTION

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



• Threaded insert option

FSI

1

PINS PER ROW

BODY HEIGHT

PLATING OPTION

10, 20, 30, 40 & 50
(Insert/Screw Option)

05, 10, 15, 20, 25, 30, 35, 40, 45, 50
(Short Version)

—03
= 3,00mm

—06
= 6,00mm

—10
= 10,00mm

—G
= 10µ" (0,25µm) Gold
(—03 only)

—L
= 10µ" (0,25µm)
Gold on contact,
Matte Tin on tail
(Not available with
—03 body height)

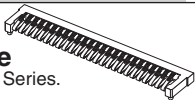
Note: Applications requiring 40-50 positions without threaded inserts, please contact Samtec Interconnect Processing Group.

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

Also Available

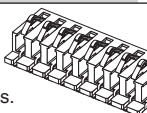
Low Profile

See SEI Series.



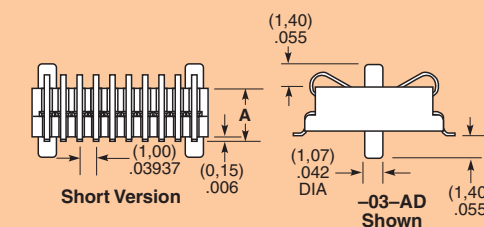
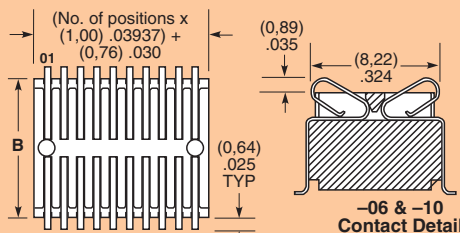
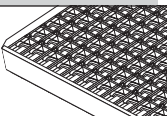
.100" (2,54mm) Pitch

See SIB Series.

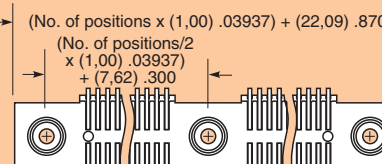
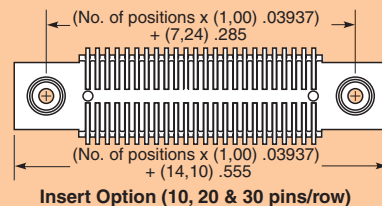


High Density

See GFZ Series.



Double Row Version —03, —06, —10



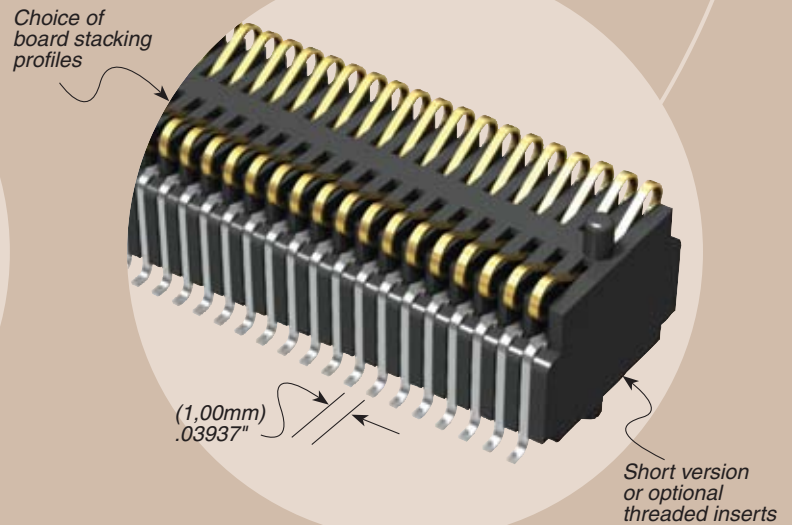
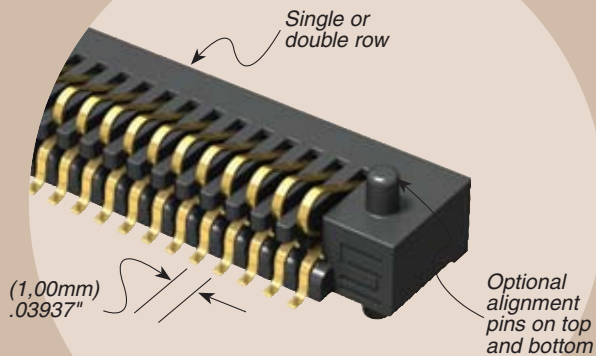
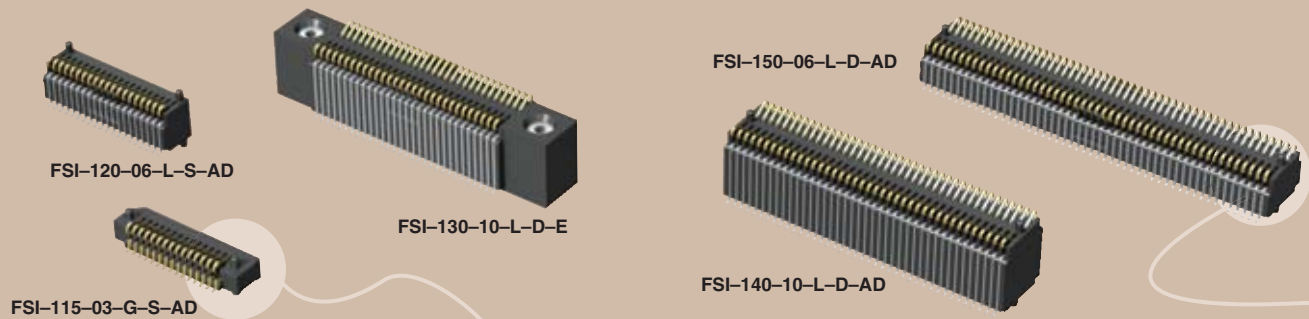
BODY HEIGHT	A	B
—03	(3,00) .118	(8,76) .345
—06	(6,00) .236	(9,02) .355
—10	(10,00) .394	(9,02) .355

Note: Other Gold plating options available. Contact Samtec.

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

WWW.SAMTEC.COM

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ROW OPTION

-S
= Single Row

-D
= Double Row

INSERT OPTION

Leave blank for Short Version
(No screw down inserts or holes)

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

ALIGNMENT OPTION

Leave blank for
no Alignment Pin

-AD
= Alignment Pin
Top & Bottom

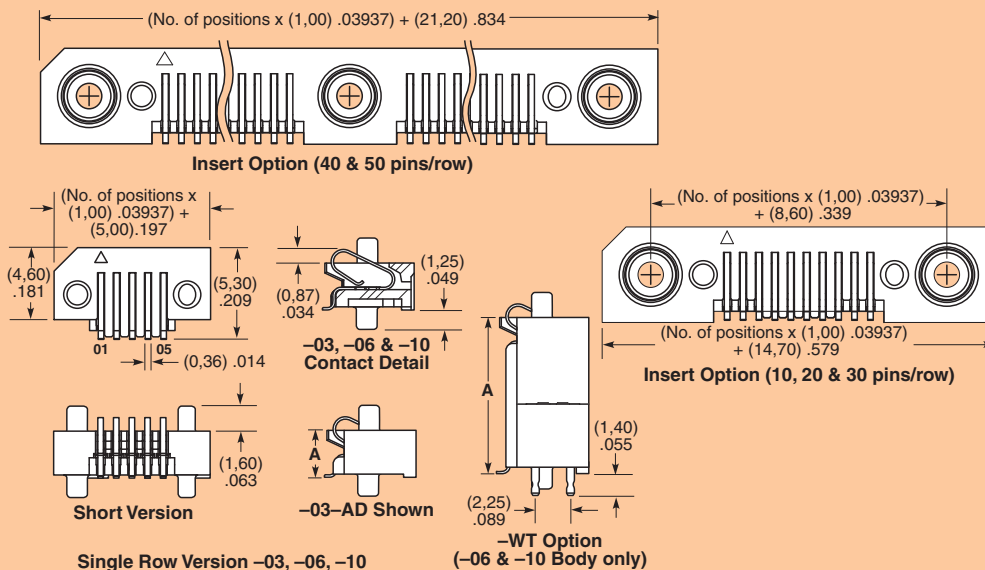
OTHER OPTION

-WT
= Weld Tab
(Available with -S row option & -06 & -10 body height only)

-K
= Polyimide Film Pick & Place Pad
(40 & 50 position with threaded insert option only)

-P
= Plastic Pick & Place Pad
(5,08mm) .200" x (12,45mm) .490"
(40 & 50 not available with -E)
(Not available with -S row option or -03 body height)

-TR
= Tape & Reel Packaging



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