

(1,00 mm) .0394"

LOW PROFILE & ELEVATED ONE PIECE

SPECIFICATIONS

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

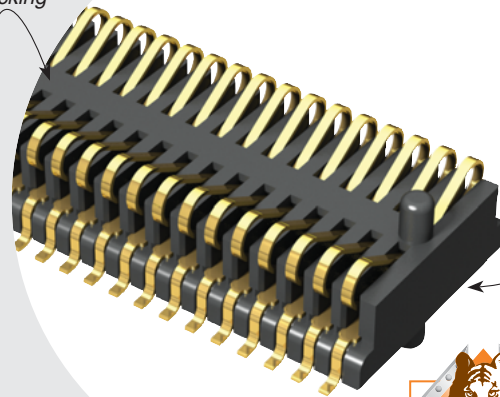
- Insulator Material:** Liquid Crystal Polymer
- Contact Material:** BeCu
- Current Rating:** 2.8 A per pin (1 pin powered per row)
- Operating Temp Range:** -55°C to +125°C
- Plating:** Au over 50µ" (1,27 µm) Ni
- RoHS Compliant:** Yes

- Processing:** Lead-Free Solderable: Yes
- SMT Lead Coplanarity:** (0,10 mm) .004" max (05-30) (0,15 mm) .006" max (50)
- Compression Board:** Gold Pads required

ALSO AVAILABLE (MOQ Required)

- No alignment pin
- Top side alignment pin
- Bottom side alignment pin
- Other platings
- Contact Samtec.

Choice of board stacking profiles



Short version or optional threaded inserts



- Threaded insert option

RECOGNITIONS

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



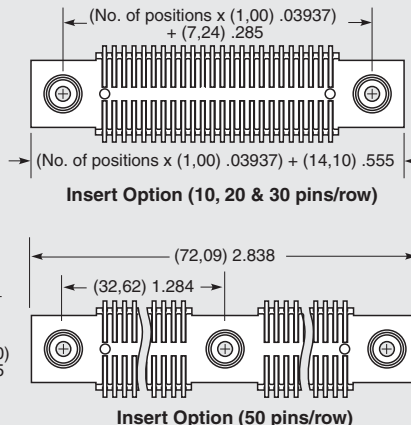
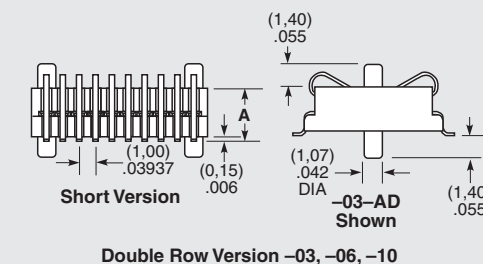
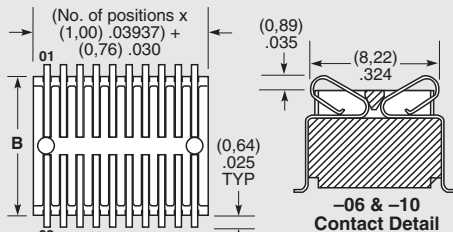
Note: Applications requiring 40-50 positions without threaded inserts, please contact Samtec Interconnect Processing Group.

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

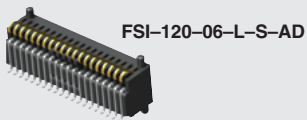
Other Solutions



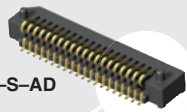
FSI	1	PINS PER ROW	BODY HEIGHT	PLATING OPTION
10, 20, 30 & 50 (Insert/Screw Option)			-03 = 3,00 mm	-G = 10µ" (0,25 µm) Gold (-03 only)
05, 10, 20, 30, 50 (Short Version)			-06 = 6,00 mm	-L = 10µ" (0,25 µm) Gold on contact, Matte Tin on tail (Not available with -03 body height)
			-10 = 10,00 mm	



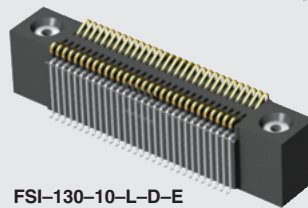
BODY HEIGHT	A	B
-03	(3,00) .118	(8,76) .345
-06	(6,00) .236	(9,02) .355
-10	(10,00) .394	(9,02) .355



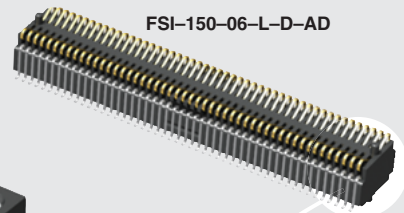
FSI-120-06-L-S-AD



FSI-120-03-G-S-AD

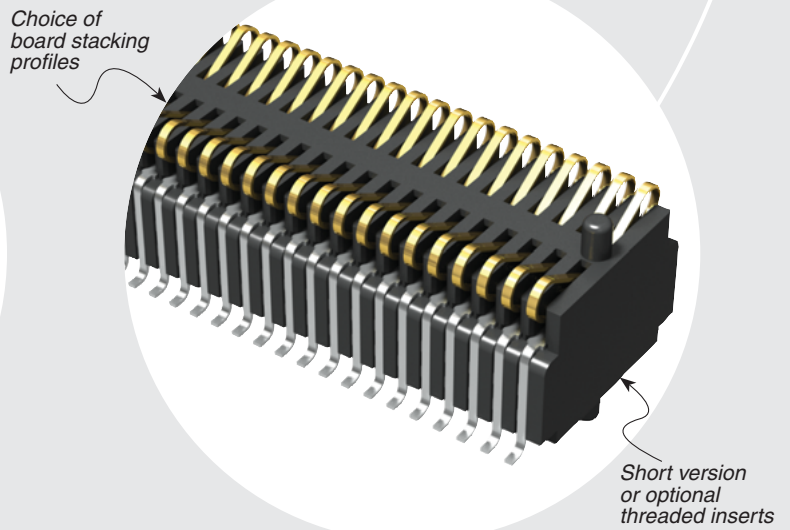
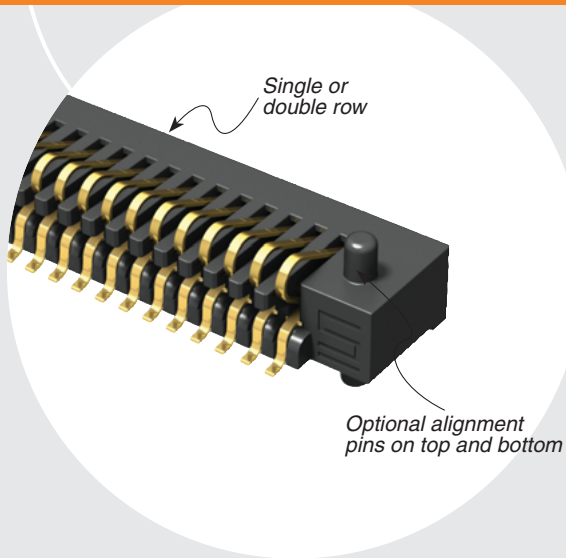


FSI-130-10-L-D-E



FSI-150-06-L-D-AD

FSI SERIES



ROW OPTION

- S**
= Single Row
(Available with 5, 10 & 20 pins with -AD alignment pin)
- D**
= Double Row

INSERT OPTION

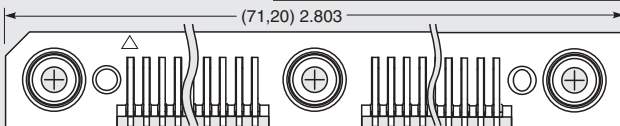
- Leave blank for Short Version
(No screw down inserts or holes)
- E**
= #2-56 x 1/16" screw thread
- M**
= 2,00 mm x 0,40 mm screw thread

ALIGNMENT OPTION

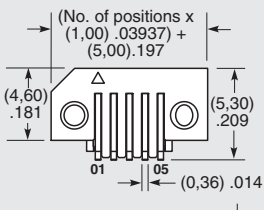
- Leave blank for no Alignment Pin
- AD**
= Alignment Pin
Top & Bottom

OTHER OPTION

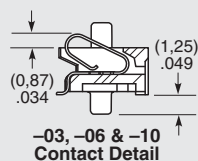
- WT**
= Weld Tab
(Available with -S row option & -06 & -10 body height only)
- K**
= Polyimide Film Pick & Place Pad
(50 position with threaded insert option only)
- P**
= Plastic Pick & Place Pad
(5,08 mm) .200" x (12,45 mm) .490"
(50 not available with -E)
(Not available with -S row option or -03 body height)
- TR**
= Tape & Reel Packaging



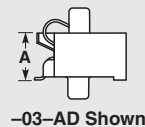
Insert Option (50 pins/row)



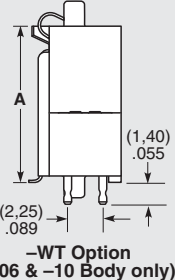
Short Version
Single Row Version -03, -06, -10



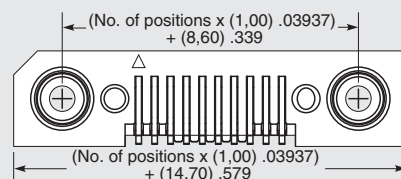
-03, -06 & -10 Contact Detail



-03-AD Shown



-WT Option (-06 & -10 Body only)



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