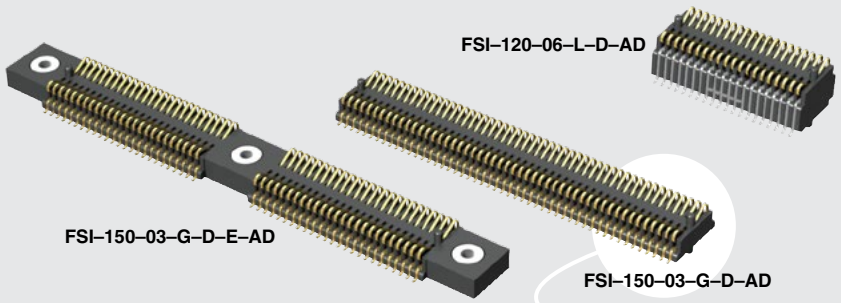
samtec



(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
(2 pins powered)
Operating Temp Range:
-55 °C to +125 °C
Plating:
Au over 50 µ" (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

RECOGNITIONS

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

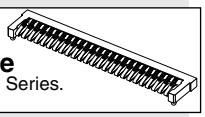
FILE NO. E111594

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

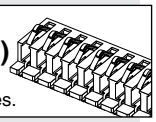
Note: Some lengths, styles and options are non-standard, non-returnable.

Other Solutions

Low Profile
See SEI Series.

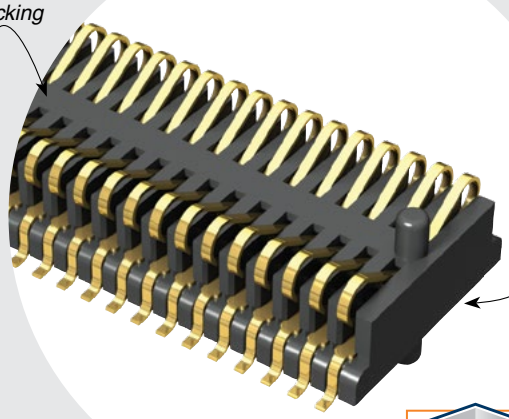


.100" (2.54 mm) Pitch
See SIB Series.



Choice of board stacking profiles

Short version or optional threaded inserts



ALSO AVAILABLE
(MOQ Required)

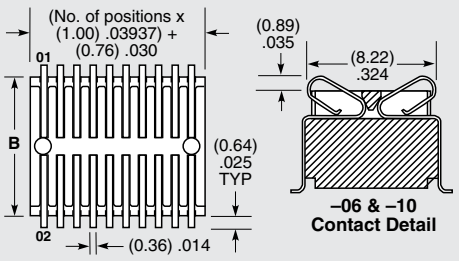
- No alignment pin
- Top side alignment pin
- Bottom side alignment pin
- Other platings

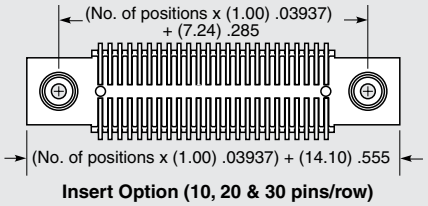
Contact Samtec.

RUGGEDIZED BY SAMTEC

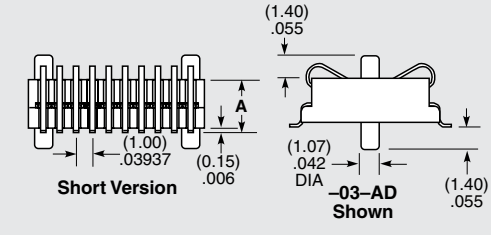
- Threaded insert option

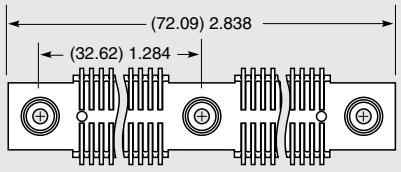
FSI	–	1	PINS PER ROW	–	BODY HEIGHT	–	PLATING OPTION
			10, 20, 30 & 50 (Insert/Screw Option) 05, 10, 20, 30, 50 (Short Version)		–03 = 3.00 mm –06 = 6.00 mm –10 = 10.00 mm		–G = 10 µ" (0.25 µm) Gold (–03 only) –L = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail (Not available with –03 body height)

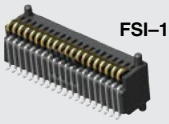




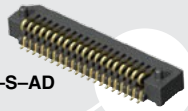
BODY HEIGHT	A	B
–03	(3.00) .118	(8.76) .345
–06	(6.00) .236	(9.02) .355
–10	(10.00) .394	(9.02) .355



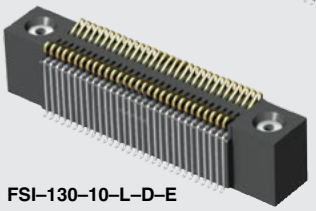




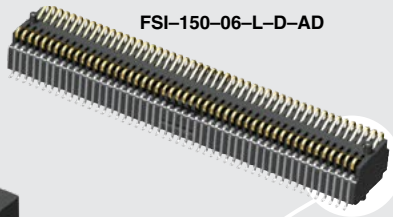
FSI–120–06–L–S–AD



FSI–120–03–G–S–AD

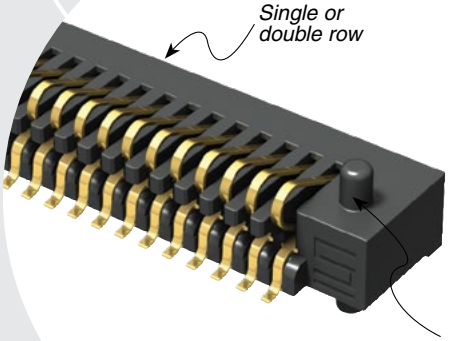


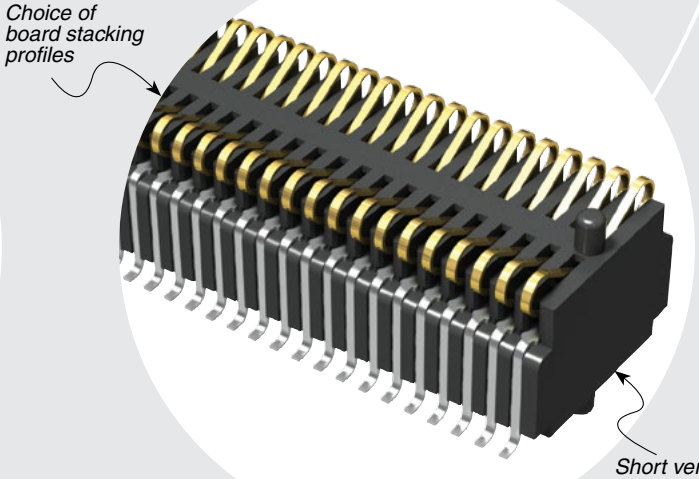
FSI–130–10–L–D–E



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

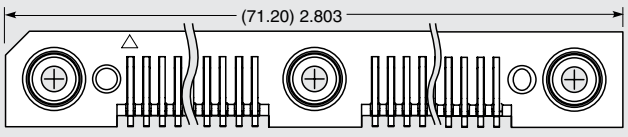
OTHER OPTION

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

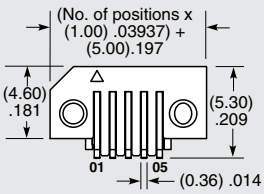
–K
= Polyimide Film Pick & Place Pad
(50 position with threaded insert option only)

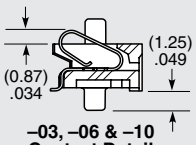
–P
= Plastic Pick & Place Pad
(5.08 mm) .200" x (12.45 mm) .490"
(50 not available with –E)
(Not available with –S row option
or –03 body height)

–TR
= Tape & Reel Packaging

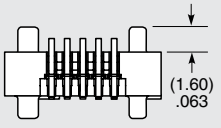


Insert Option (50 pins/row)

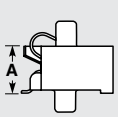




–03, –06 & –10
Contact Detail

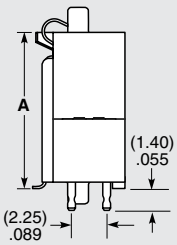


Short Version

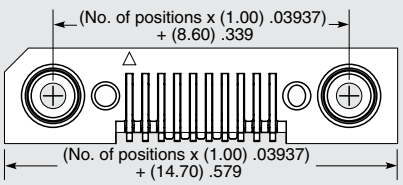


–03–AD Shown

Single Row Version –03, –06, –10



–WT Option
(–06 & –10 Body only)



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