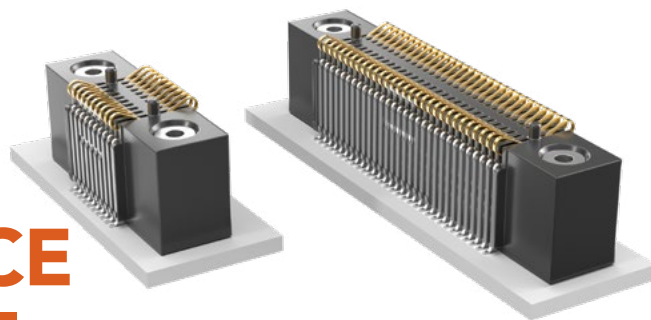


LOW-PROFILE AND ELEVATED ONE-PIECE

(1.00 mm) .0394" PITCH • FSI SERIES



SPECIFICATIONS

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

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (05-30)
(0.15 mm) .006" max (50)*
*(.004" stencil solution
may be available; contact
IPG@samtec.com)
Compression Board:
Gold Pads required

OTHER SOLUTIONS

Low Profile

See www.samtec.com?SEI

.050"
(1.27 mm)
Pitch

See www.samtec.com?SIBF

ALSO AVAILABLE

MOQ Required

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

Notes:

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

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

FSI	1	PINS PER ROW	BODY HEIGHT	PLATING OPTION	ROW OPTION	INSERT OPTION	ALIGNMENT OPTION	OTHER OPTION
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10, 20, 30, 50
(Insert/Screw Option)

05, 10, 20, 30, 50
(Short Version)

-03
= 3 mm

-06
= 6 mm

-10
= 10 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)

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

-D
= Double Row

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

Leave blank for no Alignment Pin

-AD
= Alignment Pin Top & Bottom

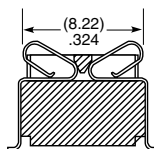
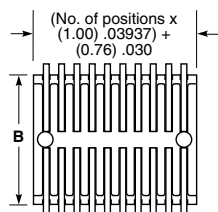
-WT
= Weld Tab
(Available with -S row option & -06 & -10 body height only)

-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

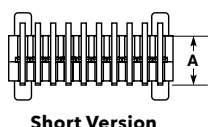
-FR
= Full Reel Tape & Reel
(must order max. quantity per reel; contact Samtec for quantity breaks)



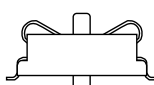
-06 & -10 Contact Detail



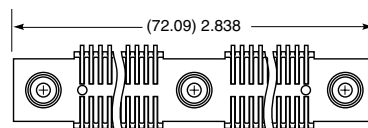
Insert Option (10, 20 & 30 pins/row)



Short Version

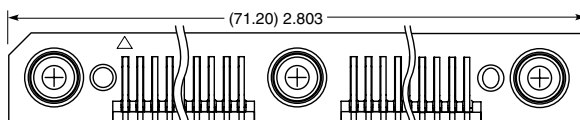


-03-AD Shown

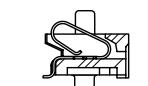
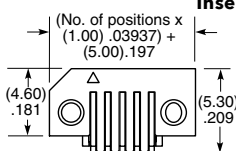


Insert Option (50 pins/row)

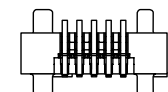
Double Row Version -03, -06, -10



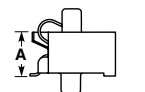
Insert Option (50 pins/row)



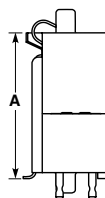
-03, -06 & -10 Contact Detail



Short Version



-03-AD Shown



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



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

Single 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