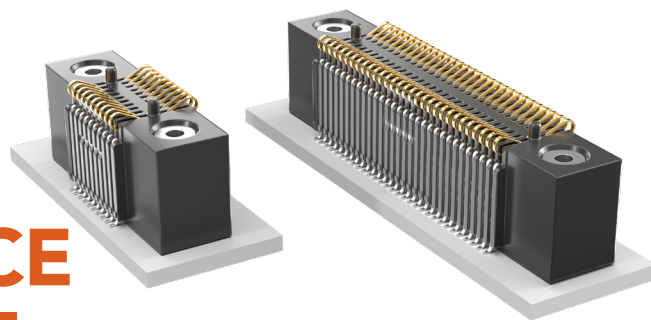


LOW PROFILE AND ELEVATED ONE-PIECE

(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)
Voltage Rating:
220 VAC/311 VDC
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

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

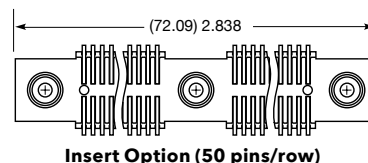
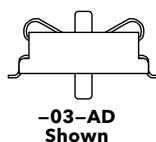
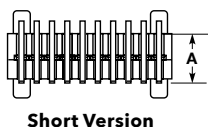
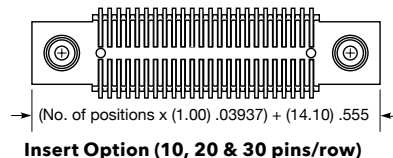
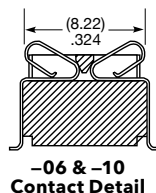
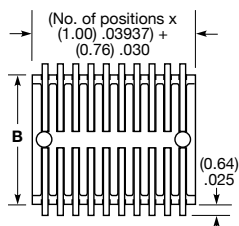
-WT
= Weld Tab
(Available with -S row option & -06 & -10 body height only)

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

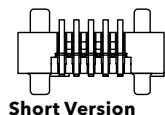
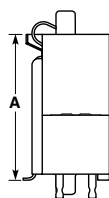
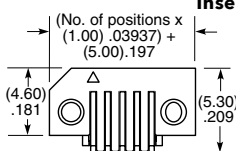
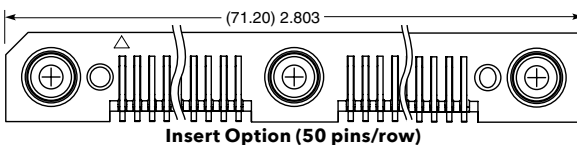
-P
= Plastic Pick & Place Pad
(5.08 mm) .200" x (12.45 mm) .490"
(50 not available with -E)
(Not available with -S row option or -03 body height)

-TR
= Tape & Reel

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



Double Row Version -03, -06, -10

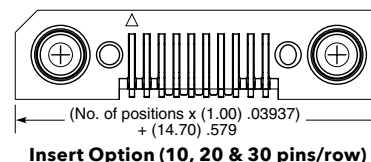


-03-AD Shown

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

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



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

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[FSI-130-03-G-D-E-AD-SD-K-TR](#) [FSI-15-06-S-AD](#)