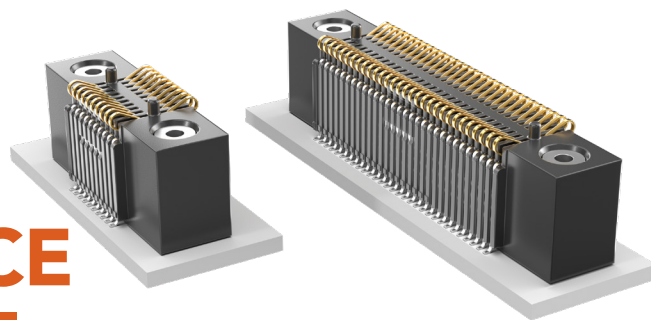


LOW PROFILE AND ELEVATED ONE-PIECE

(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
-----	---	--------------	-------------	----------------	------------	---------------	------------------	--------------

**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

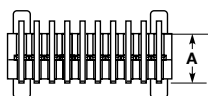
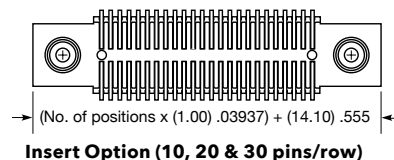
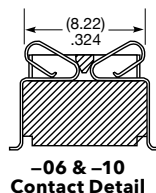
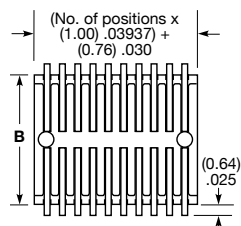
-WT
= Weld Tab
(Available
with -S row
option & -06
& -10 body
height only)

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

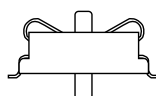
-P
= Plastic Pick
& Place Pad
(5.08 mm)
.200" x
(12.45 mm)
.490"
(50 not
available
with -E)
(Not available
with -S
row option
or -03 body
height)

-TR
= Tape &
Reel

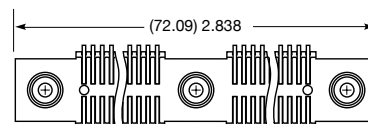
-FR
= Full Reel
Tape & Reel
(must order
max. quantity
per reel;
contact
Samtec for
quantity
breaks)



Short Version

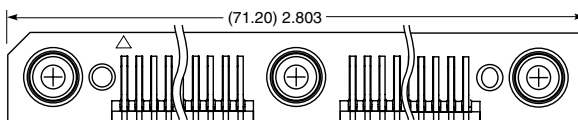


-03-AD
Shown

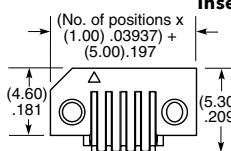


Insert Option (50 pins/row)

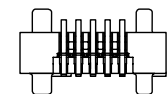
Double Row Version -03, -06, -10



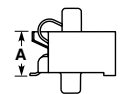
Insert Option (50 pins/row)



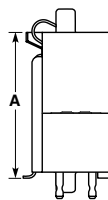
-03, -06 & -10
Contact Detail



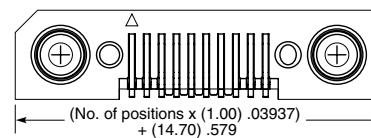
Short Version



-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

ALSO AVAILABLE

Contact Samtec

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.

Mouser Electronics

Authorized Distributor

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

[Samtec:](#)

[FSI-140-10-L-S-AD-K-TR](#) [FSI-120-03-H-S-AD-K-TR](#) [FSI-105-03-G-S-AD-K](#) [FSI-110-03-G-D-E-AT-K](#) [FSI-120-03-G-S-AD-K](#) [FSI-120-03-G-S-AD-K-TR](#) [FSI-130-03-G-D-E-AD-K-SD-TR](#) [FSI-140-03-G-D-AB-K](#) [FSI-110-03-G-D-M-AT-K](#)
[FSI-140-10-L-D-AD-K-TR](#) [FSI-110-03-G-S-AD-K](#) [FSI-130-03-G-S-AD-K](#) [FSI-130-03-G-S-AD-K-TR](#)