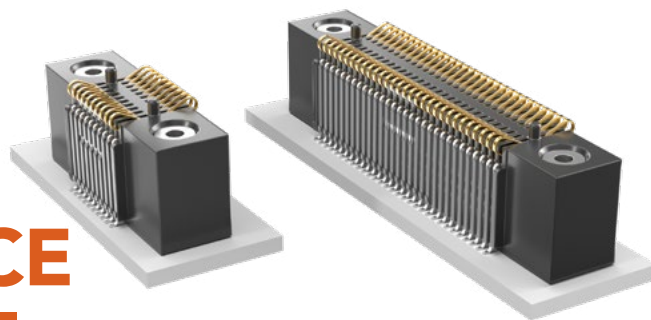


LOW-PROFILE AND ELEVATED ONE-PIECE

(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

10, 20,
30, 50
(Insert/Screw
Option)

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

BODY HEIGHT

-03
= 3 mm

-06
= 6 mm

-10
= 10 mm

PLATING OPTION

-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)

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

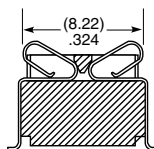
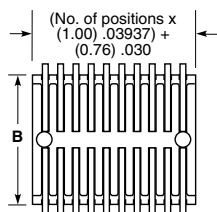
-WT
= Weld Tab
(Available
with -S row
option & -06
& -10 body
height only)

-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

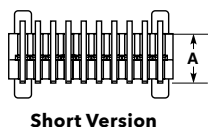
-FR
= Full Reel
Tape & Reel
(must order
max. quantity
per reel;
contact
Samtec for
quantity
breaks)



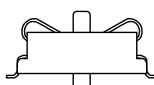
-06 & -10
Contact Detail



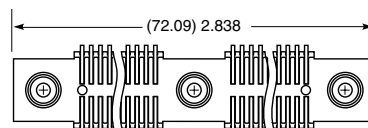
Insert Option (10, 20 & 30 pins/row)



Short Version

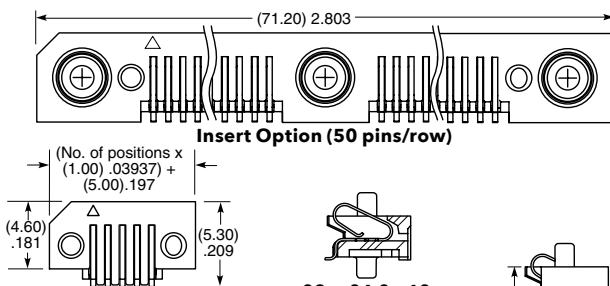


-03-AD
Shown



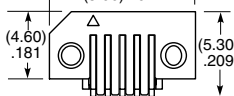
Insert Option (50 pins/row)

Double Row Version -03, -06, -10

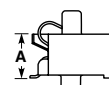


Insert Option (50 pins/row)

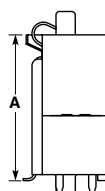
-03, -06 & -10
Contact Detail



Short Version



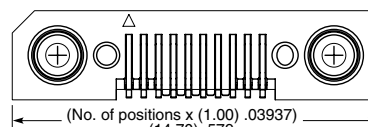
-03-AD Shown



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

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)