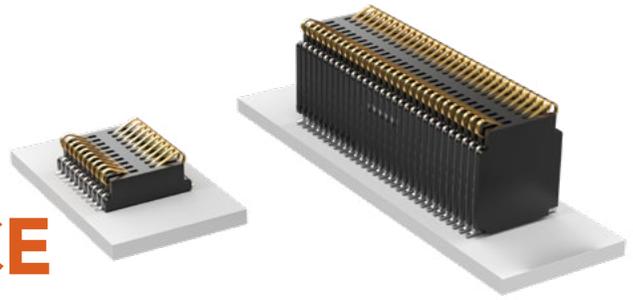




LOW-PROFILE AND ELEVATED ONE-PIECE



(1.00 mm) .0394" PITCH • A-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

ALSO AVAILABLE

MOQ Required

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

A-FSI	1	PINS PER ROW	BODY HEIGHT	PLATING OPTION	ROW OPTION	ALIGNMENT OPTION	OTHER OPTION
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05 thru 50
(Multiples of 5)

-03
= 3 mm

-06
= 6 mm
(Double Row only)

-10
= 10 mm
(Double Row only)

-L
= 10 μ"
(0.25 μm)
Gold on contact,
Matte Tin on tail
(Not available with -03 body height)

-S
= 30 μ"
(0.76 μm)
Gold on contact;
Matte Tin on tail

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

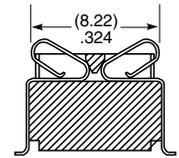
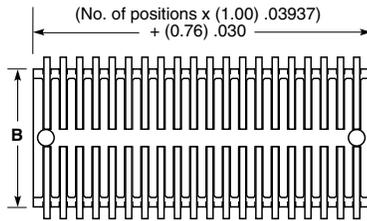
-D
= Double Row

Leave blank for no Alignment Pin
-AD
= Alignment Pin Top & Bottom

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

-TR
= Tape & Reel

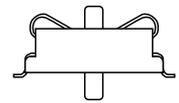
BODY HEIGHT	A	B
-03	(3.00) .118	(8.76) .345
-06	(6.00) .236	(9.02) .355
-10	(10.00) .394	(9.02) .355



-06 & -10 Contact Detail

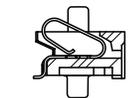
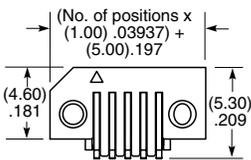


Short Version

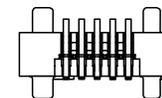


-03-AD Shown

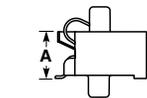
Double Row Version -03, -06, -10



-03, -06 & -10 Contact Detail



Short Version



-03-AD Shown

Single Row Version -03, -06, -10

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.

Due to technical progress, all designs, specifications and components are subject to change without notice.