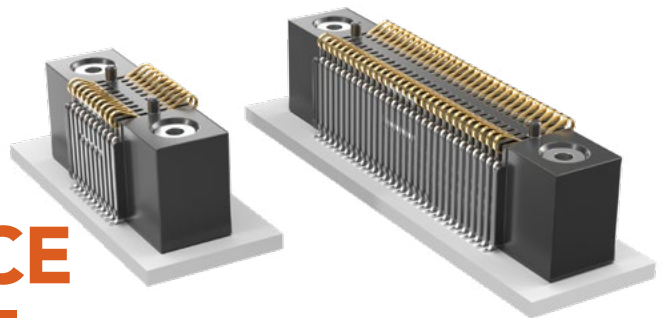


LOW PROFILE AND ELEVATED ONE-PIECE



(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

FSI	1	PINS PER ROW	BODY HEIGHT	PLATING OPTION	ROW OPTION	INSERT OPTION	ALIGNMENT OPTION	OTHER OPTION
-----	---	--------------	-------------	----------------	------------	---------------	------------------	--------------

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

-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

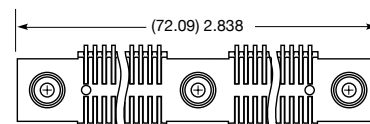
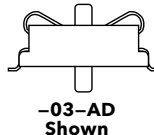
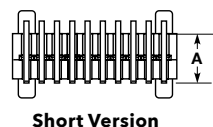
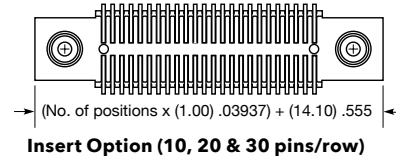
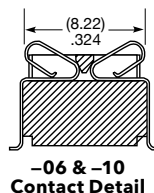
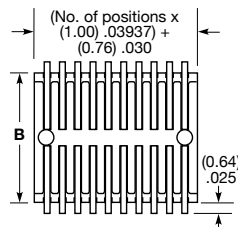
-WT
= Weld Tab (Available with -S row option & -06 & -10 body height only)

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

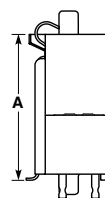
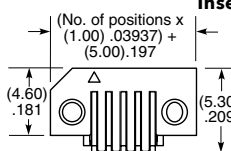
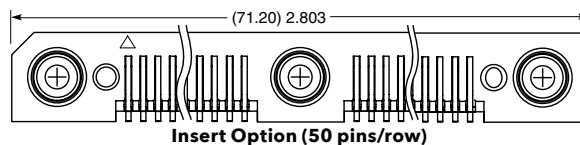
-P
= Plastic Pick & Place Pad (5.08 mm) .200" x (12.45 mm) .490" (50 not available with -E) (Not available with -S row option or -03 body height)

-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



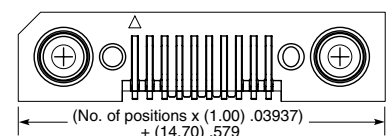
Short Version

-03-AD Shown

(-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)

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.

Mouser Electronics

Authorized Distributor

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

Samtec:

[FSI-120-06-L-D-E-AD](#) [FSI-105-03-G-D-AD](#) [FSI-120-03-G-D-M-AB](#) [FSI-120-03-G-D-AD](#) [FSI-105-03-G-D](#) [FSI-110-03-G-D-AD](#) [FSI-120-03-G-D-M-AB-TR](#) [FSI-150-10-L-D-E-AD](#) [FSI-150-10-L-D-AD](#) [FSI-120-03-G-D-M-AD](#) [FSI-120-10-L-D-E-AD](#) [FSI-110-06-L-D-AD](#) [FSI-150-03-G-D-E-AD](#) [FSI-130-03-G-D-E-AD](#) [FSI-120-03-G-D-E-AD-TR](#) [FSI-120-10-L-D-AD](#) [FSI-110-10-L-D-AD](#) [FSI-115-03-G-D-AD](#) [FSI-110-03-G-D](#) [FSI-110-06-L-D-E-AD](#) [FSI-105-06-L-D-AD](#) [FSI-120-03-G-D-E-AD](#) [FSI-150-03-G-D-AD](#) [FSI-110-03-G-D-E-AD](#) [FSI-120-03-G-D-M-AB-K-TR](#) [FSI-120-06-L-D-AD](#) [FSI-120-10-L-D-M-AD](#) [FSI-105-10-L-D-AD](#) [FSI-105-03-G-D-K-TR](#) [FSI-115-03-G-D-K](#) [FSI-120-03-G-D-M-AB-K](#) [FSI-110-03-G-S-AD-TR](#) [FSI-110-06-L-D-E-AD-TR](#) [FSI-105-06-L-S-AD](#) [FSI-120-03-G-S-AD](#) [FSI-105-03-G-D-AD-TR](#) [FSI-110-06-L-D-M-AD-TR](#) [FSI-120-06-L-S-AD](#) [FSI-115-03-G-D-AD-TR](#) [FSI-150-06-L-D-AD](#) [FSI-105-06-L-D](#) [FSI-120-10-L-D-AD-P-TR](#) [FSI-105-10-L-D-AB-TR](#) [FSI-105-10-L-D-AB](#) [FSI-105-03-G-D-AB](#) [FSI-125-06-L-D-AD-P-TR](#) [FSI-105-06-L-D-AB](#) [FSI-110-03-G-D-AD-TR](#) [FSI-115-03-G-D-AT](#) [FSI-110-06-L-D-AB-P-TR](#) [FSI-140-06-L-S-M-AD](#) [FSI-105-03-G-D-AB-TR](#) [FSI-105-06-L-D-AD-TR](#) [FSI-110-03-G-S-TR](#) [FSI-115-06-L-D-AD-TR](#) [FSI-110-06-L-S-AD](#) [FSI-125-10-L-D-AD](#) [FSI-130-06-L-D-AD](#) [FSI-120-10-L-D-E-AD-P-TR](#) [FSI-130-10-L-D-M-AD-P-TR](#) [FSI-130-03-G-D-AD](#) [FSI-115-03-G-S-AD](#) [FSI-115-03-G-S](#) [FSI-110-03-G-S-AB](#) [FSI-130-03-G-S-M-AD](#) [FSI-135-03-G-S-AD](#) [FSI-135-03-G-D-AB-K](#) [FSI-115-10-L-D-AD](#) [FSI-110-10-L-D-M-AD](#) [FSI-140-10-L-D-E-AD](#) [FSI-110-03-G-D-M-AD](#) [FSI-110-03-G-S](#) [FSI-110-03-G-S-AD](#) [FSI-130-03-G-S](#) [FSI-130-03-G-S-AB](#) [FSI-130-03-G-S-AD](#) [FSI-120-10-L-S-E-AD](#) [FSI-120-10-L-S-TR](#) [FSI-125-03-G-S-AD](#) [FSI-125-10-L-D-M-AD](#) [FSI-130-03-G-D-M-K](#) [FSI-130-03-G-D-M-K-TR](#) [FSI-120-10-L-D-M-AB-P-TR](#) [FSI-120-10-L-S](#) [FSI-120-10-L-S-AD](#) [FSI-120-10-L-S-AD-WT](#) [FSI-120-10-L-S-AD-WT-TR](#) [FSI-120-10-L-S-E](#) [FSI-120-06-L-D-AB-TR](#) [FSI-120-06-L-S-AD-WT](#) [FSI-120-06-L-S-E](#) [FSI-120-06-L-S-E-AD](#) [FSI-120-06-L-S-M-AD](#) [FSI-120-06-L-S-M-AD-TR](#) [FSI-120-03-G-S-E-AD](#) [FSI-120-03-G-S-M-AD](#) [FSI-120-03-H-D-AD-K](#) [FSI-120-03-H-S](#) [FSI-120-03-H-S-AD](#) [FSI-105-06-S-D-AD](#)