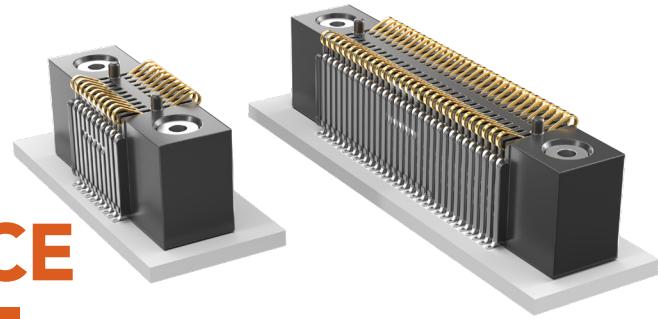


LOW PROFILE AND ELEVATED ONE-PIECE

(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 μ m) Ni

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	-L = 10 μ " (0.25 μ m) 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)	Leave blank for Short Version (No screw down inserts or holes)	Leave blank for no Alignment Pin	-WT = Weld Tab (Available with -S row option & -06 & -10 body height only)
		05, 10, 20, 30, 50 (Short Version)	-06 = 6 mm	-G = 10 μ " (0.25 μ m) Gold (-03 only)	-E = #2-56 x 1/16" screw thread	-AD = Alignment Pin Top & Bottom		
			-10 = 10 mm	-D = Double Row	-M = 2.00 mm x 0.40 mm screw thread			

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

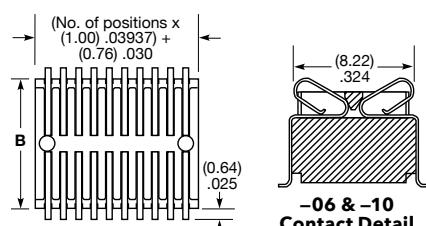


See www.samtec.com?SEI

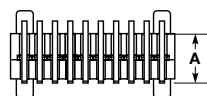
.050"
(1.27 mm)
Pitch



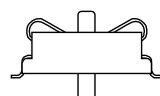
See www.samtec.com?SIBF



-06 & -10 Contact Detail

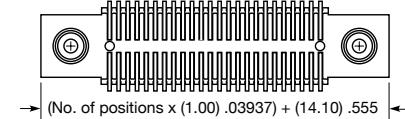


Short Version

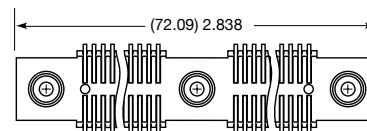


-03-AD Show

Double Row Version -03, -06, -10



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



Insert Option (50 pins/row)

-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)

ALSO AVAILABLE

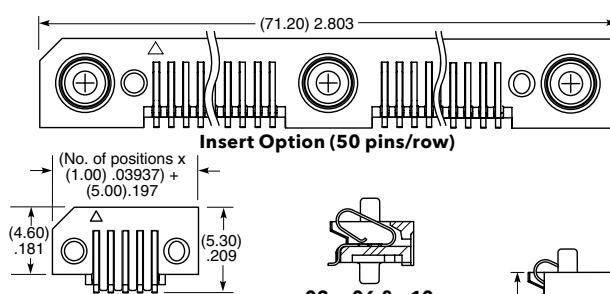
Contact Samtec

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

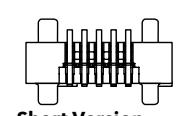
Notes:

Applications requiring 40-50 positions without threaded inserts, please contact Samtec Interconnect Processing Group.

Some lengths, styles and options are non-standard, non-returnable.



Insert Option (50 pins/row)



-03, -06 & -10 Contact Detail

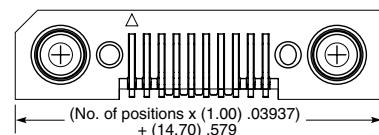


-03-AD Show

-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)