

Surface
SMT
Mount

ONE PIECE INTERFACE FSI SERIES

SPECIFICATIONS

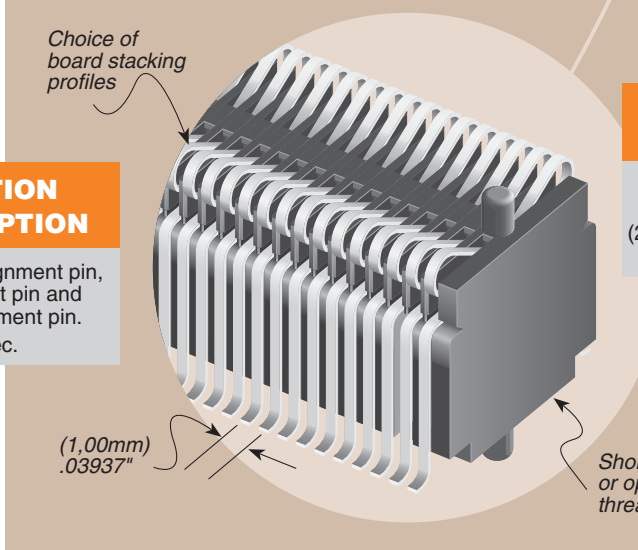
For complete specifications and recommended PCB layouts see www.samtec.com?FSI

Insulator Material:
Liquid Crystal
Polymer
Contact Material:
BeCu
Current Rating:
1A @ 80°C ambient
Operating Temp Range:
-55°C to +125°C
Plating:
Au over 50µ" (1,27µm) Ni



Processing:
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10mm) .004" max (05-35)
(0,15mm) .006" max (40-50)
Compression Board:
Gold Pads required

APPLICATION SPECIFIC OPTION
Metric insert, no alignment pin, top side alignment pin and bottom side alignment pin.
Call Samtec.



ALSO AVAILABLE
Low profile see SEI & SEL series.
(2,54mm) .100" pitch see SIB series.

FSI	1	PINS PER ROW	BODY HEIGHT	PLATING OPTION	D	INSERT OPTION	AD	OTHER OPTION
		10, 20, 30, 40 & 50 (Screw Option) 05, 10, 15, 20, 25, 30, 35, 40, 45, 50 (Short Version)	-06 = 6,00mm -10 = 10,00mm	-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail		Leave blank for Short Version (No screw down inserts or holes) -E = #2-56 x 1/16" screw thread		-K = (8,00mm) .315" DIA Polyimide Film Pick & Place Pad (40 & 50 position with threaded insert option only) -P = Plastic Pick & Place Pad (5,08mm) .200" x (12,45mm) .490" (40 & 50 not available with -E or -M) -TR = Tape & Reel Packaging

Contact Detail

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

BODY HEIGHT	B
-06	(6,00) .236
-10	(10,00) .394

Short Version

Insert Option (40 & 50 pins/row)

Note: 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.

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