

Surface
SMT
Mount

ONE-PIECE INTERFACE FSI SERIES

SPECIFICATIONS

For complete specifications
see www.samtec.com?FSI

Insulator Material:

Liquid Crystal
Polymer



Contact Material:

Phosphor Bronze

Current Rating:

1A @ 80 ambient

Operating Temp Range:

-65°C to +125°C

Plating:

Au over 50µ" (1,27µm) Ni

Processing:

Max Processing Temp:

230°C for 60 seconds

SMT Lead Coplanarity:

(0,10mm) .004" max (05-35)

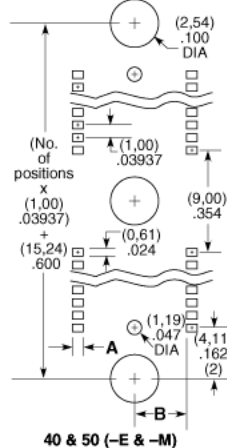
(0,15mm) .006" max (40-50)

Compression Board:

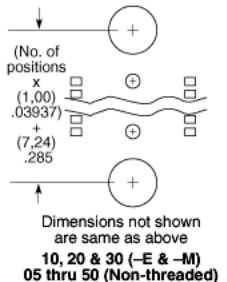
Gold Pads required

Suggested PCB Layouts:

For reference only. Please
contact Samtec or go to
www.samtec.com?FSI for
recommended PCB layout.



	SOLDER BOARD	MATING BOARD
A	(1,14) .045	(3,56) .140
B	(4,39) .173	(1,14) .045



ALSO AVAILABLE

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

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

Choice of
board stacking
profiles

(1,00mm)
.03937"

Optional
Alignment pins

Short version
or optional
threaded inserts

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

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

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

WWW.SAMTEC.COM