



Surface
SMT
Mount

ONE-PIECE INTERFACE FSI SERIES

SPECIFICATIONS

For complete specifications 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



APPLICATION SPECIFIC OPTION

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

Choice of board stacking profiles

(1,00mm)
.03937"

ALSO AVAILABLE

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

Short version or optional threaded inserts

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

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x with

Matte Sn plating

Lead-Free Solderable:

Yes, with Matte Sn

SMT Lead Coplanarity:

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

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

Compression Board:

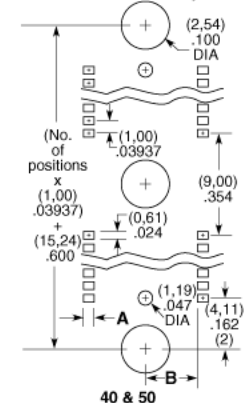
Gold Pads required

Suggested PCB Layouts:

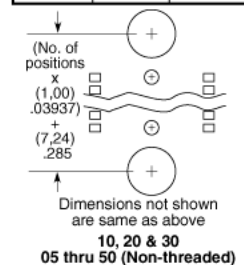
For reference only. Go to

www.samtec.com?FSI for

recommended PCB layout.



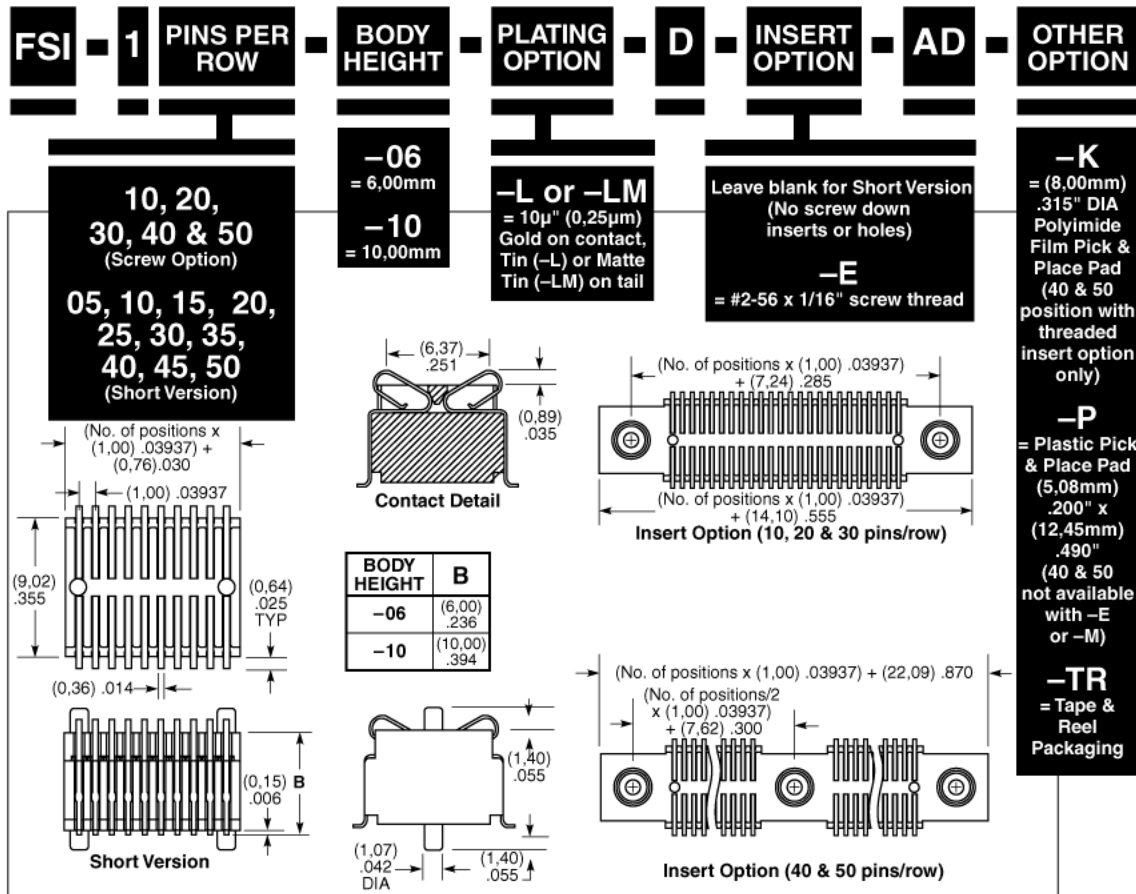
	SOLDER BOARD	MATING BOARD
A	(1,14) .045	(3,56) .140
B	(4,39) .173	(1,14) .045



Dimensions not shown are same as above

10, 20 & 30

05 thru 50 (Non-threaded)



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

WWW.SAMTEC.COM