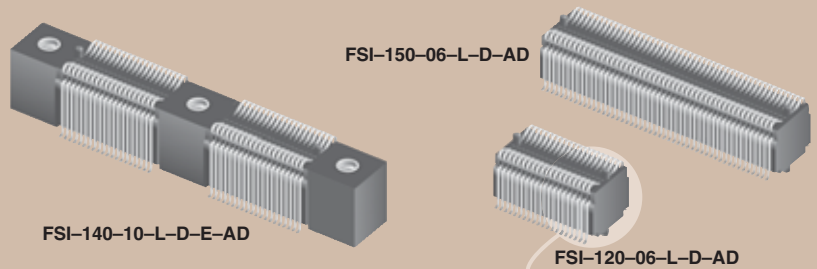


(1,00mm) .03937"

FSI SERIES



# ELEVATED ONE PIECE INTERFACES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FSI](http://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 or Sn 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.

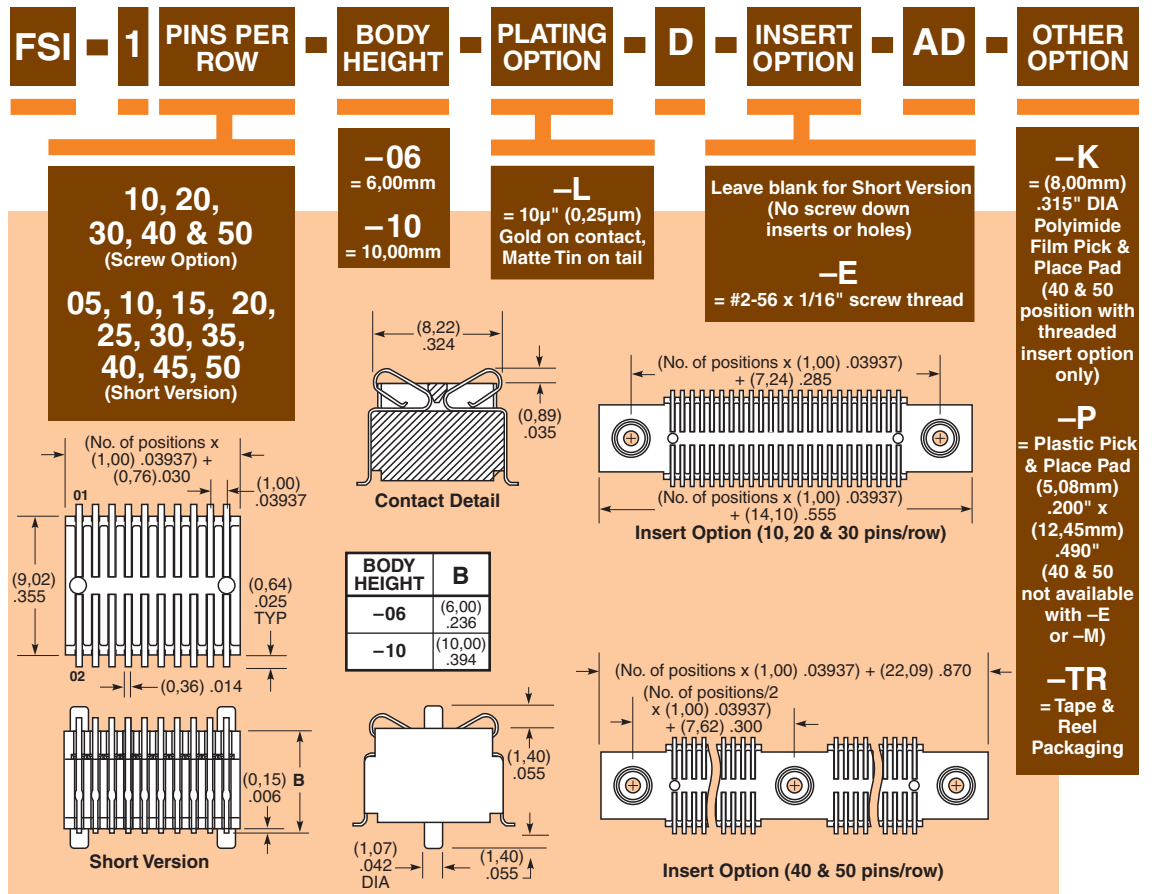
Choice of  
board stacking  
profiles

(1,00mm)  
.03937"

## ALSO AVAILABLE

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

Short version  
or optional  
threaded inserts



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

**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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