

.050" (1,27mm) PITCH SOCKETS FLE SERIES

SPECIFICATIONS

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

Insulator Material: Black Liquid Crystal Polymer

Contact Material: Phosphor Bronze

Plating: Au over 50µ" (1,27µm) Ni

Current Rating: 1.75A @ 80°C ambient

Operating Temp Range: -55°C to +125°C

Contact Resistance: 15mΩ max

Insertion Depth: (1,83mm) .072" to (4,37mm) .172" or pass-through

Insertion Force: (Single contact only) 1.5oz (0,42N)

Normal Force: 100 grams (0,98N)

Withdrawal Force: (Single contact only) 1.5oz (0,42N)

Max Cycles: 100+

RoHS Compliant: Yes

Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x

Lead-Free Solderable: Yes

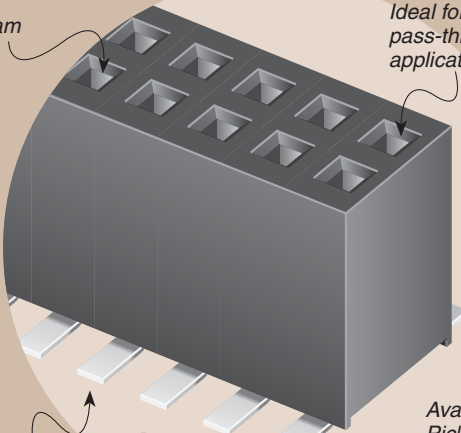
SMT Lead Coplanarity: (0,10mm) .004" max

Mates with: FTSH, FTS, FW, FFMD, FMTP



Tiger Beam contact

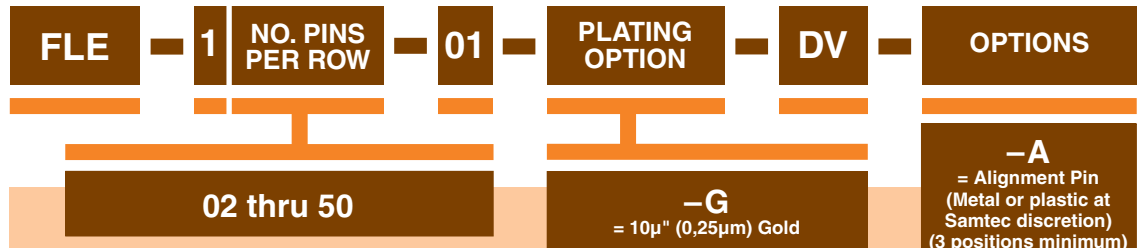
Ideal for pass-through applications



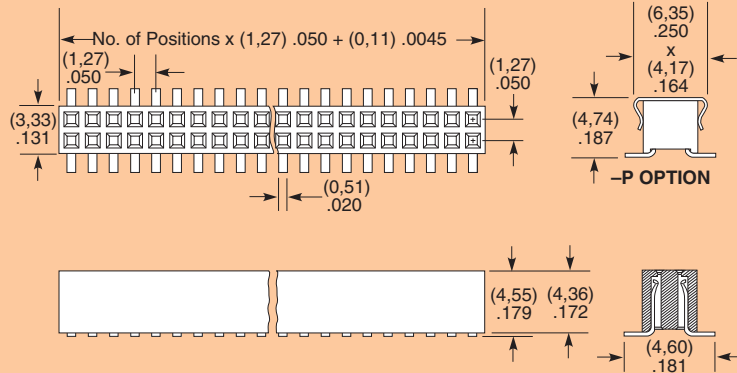
Surface Mount

Available with optional Pick & Place pads

(1,27mm) .050" micro pitch



- A**
= Alignment Pin (Metal or plastic at Samtec discretion) (3 positions minimum)
- K**
= (4,25mm) .167" DIA Polyimide film Pick & Place Pad (5 positions minimum)
- P**
= Metal Pick & Place Pad (5 positions minimum)
- TR**
= Tape & Reel



TAPE & REEL AVAILABILITY
No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications and ordering information.

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.

WWW.SAMTEC.COM