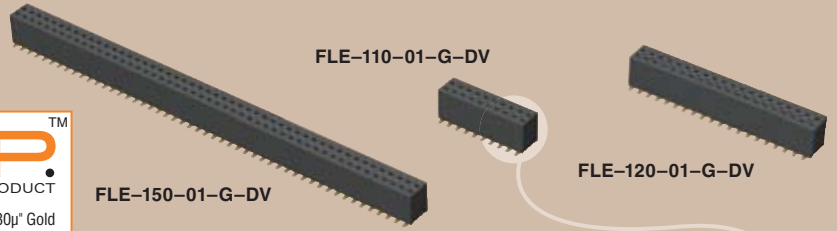




(1,27mm) .050"
FLE SERIES



COST EFFECTIVE RELIABLE SOCKET

SPECIFICATIONS

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

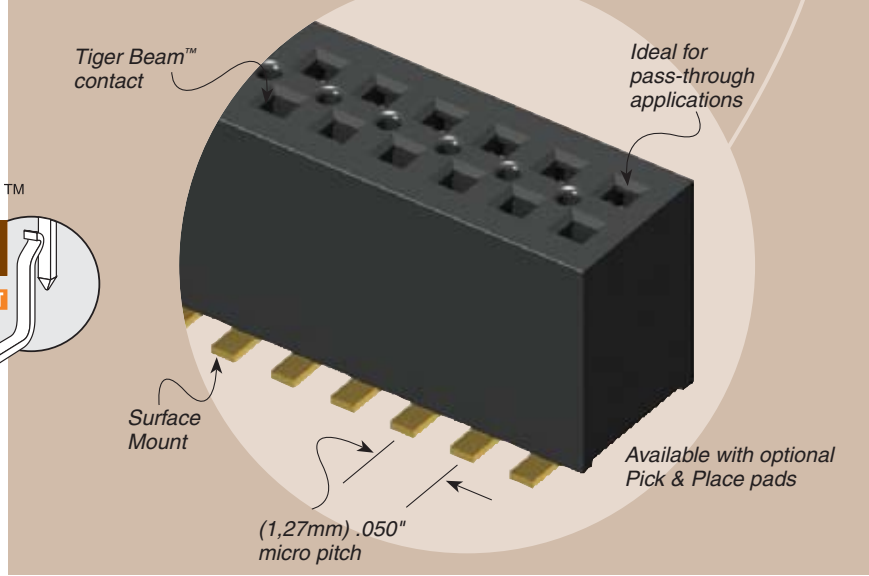
Insulator Material: Black Liquid Crystal Polymer
Contact Material: Phosphor Bronze
Plating: Au over 50µ" (1,27µm) Ni
Current Rating: 1.75A @ 80°C ambient
Operating Temp Range: -55°C to +125°C
Contact Resistance: 15mΩ max
Insertion Depth: (1,83mm) .072" to (4,37mm) .172" or pass-through
Insertion Force: (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: Lead-Free Solderable: Yes
SMT Lead Coplanarity: (0,10mm) .004" max

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



Tiger Beam™ contact

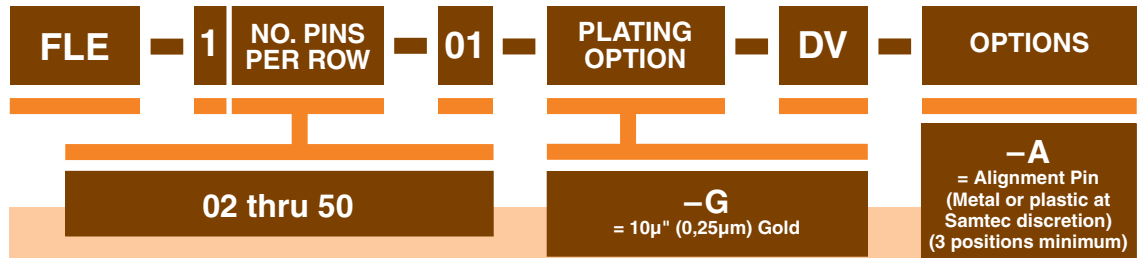
Ideal for pass-through applications



Surface Mount

(1,27mm) .050" micro pitch

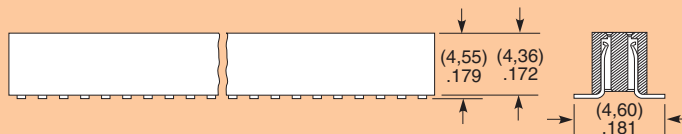
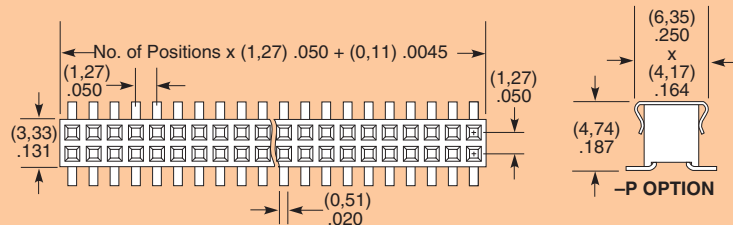
Available with optional Pick & Place pads



Note: Other gold plating options available. Contact Samtec.

- 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.
 Minimum order is the lesser of a full reel quantity or 125 pieces.
 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