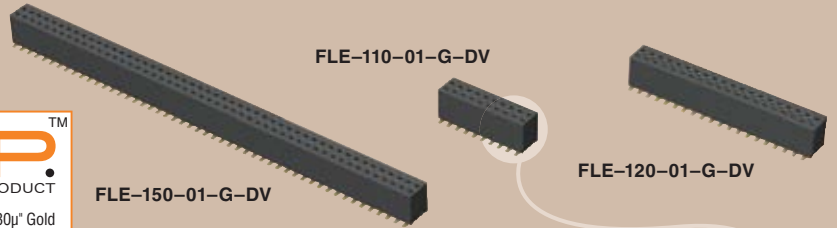




(1,27 mm) .050"

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" (1,27 µm) Ni



Current Rating:
1.75A per contact @ 80°C ambient

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
15mΩ

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

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

Normal Force:
100 grams (0,98 N)

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

Max Cycles:
100+

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable: Yes

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

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



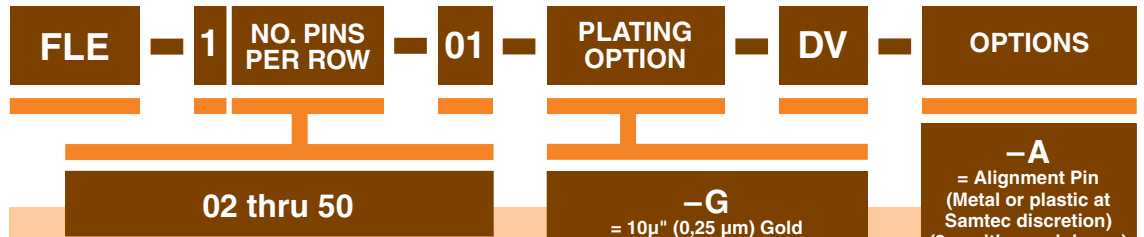
Tiger Beam™ contact

Ideal for pass-through applications

Surface Mount

(1,27 mm) .050" micro pitch

Available with optional Pick & Place pads



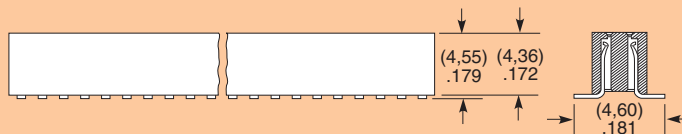
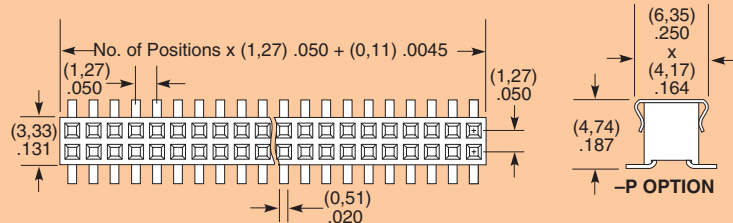
Note: Other gold plating options available. Contact Samtec.

- A**
= Alignment Pin (Metal or plastic at Samtec discretion) (3 positions minimum)
- K**
= (4,25 mm) .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