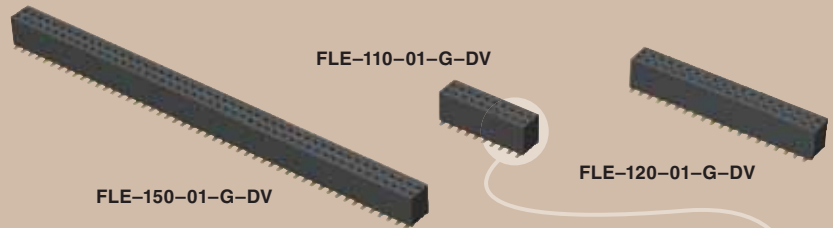




(1,27 mm) .050"

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:

2 A per pin
(6 adjacent pins powered)

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



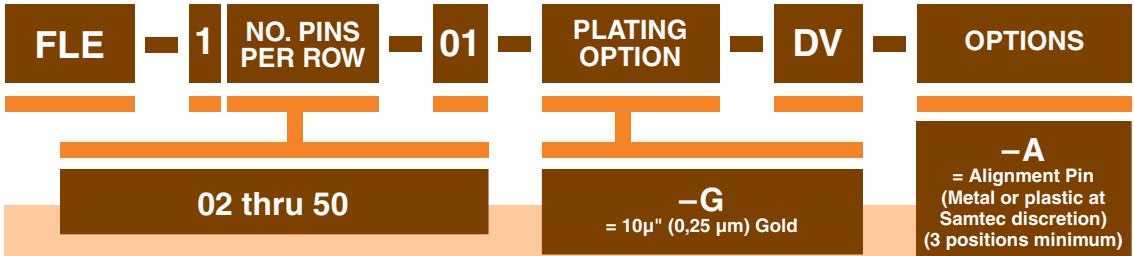
Tiger Beam™ contact

Ideal for pass-through applications

Surface Mount

(1,27 mm) .050" micro pitch

Available with optional Pick & Place pads



- 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

RECOGNITIONS

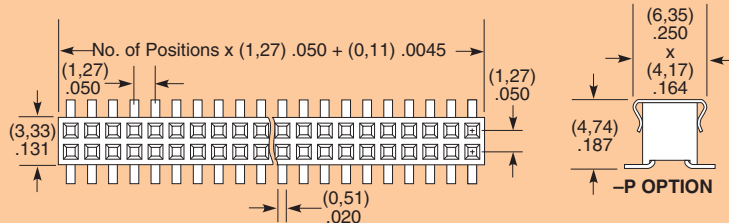
For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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



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.

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

WWW.SAMTEC.COM