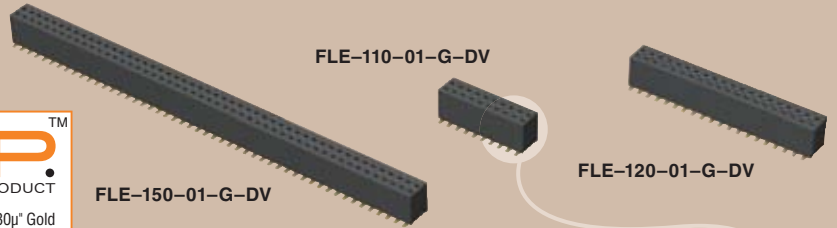




(1,27mm) .050"

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



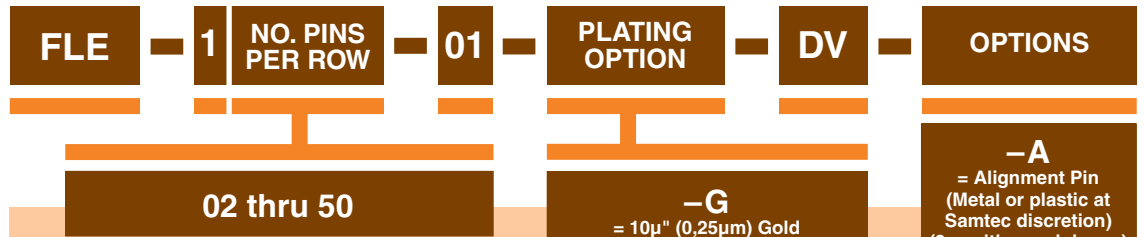
Tiger Beam™ contact

Ideal for pass-through applications

Surface Mount

(1,27mm) .050" micro pitch

Available with optional Pick & Place pads

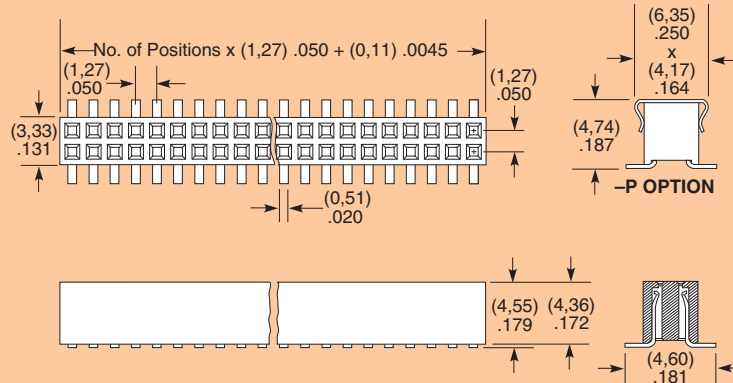


Note: Other gold plating options available. Contact Samtec.

- 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