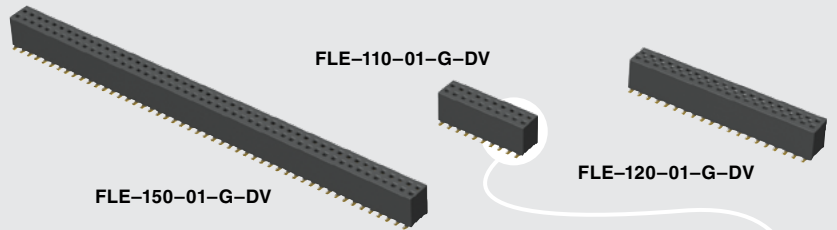




(1.27 mm) .050"



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 50 μ" (1.27 μm) Ni
- Current Rating:**
2 A per pin
(6 adjacent pins powered)
- Operating Temp Range:**
-55 °C to +125 °C
- Contact Resistance:**
15 mΩ
- Insertion Depth:**
(1.83 mm) .072" to (4.37 mm) .172" or pass-through
- Normal Force:**
100 grams (0.98 N)
- Max Cycles:**
100+
- RoHS Compliant:**
Yes

Board Mates:
FTSH, FTS, FW

Cable Mates:
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: Standard FFMD callout will not mate with FLE, SFMC. Must use gold plated callouts. (See drawing on web.)

PROCESSING

- Lead-Free Solderable:**
Yes
- SMT Lead Coplanarity:**
(0.10 mm) .004" max

RECOGNITIONS

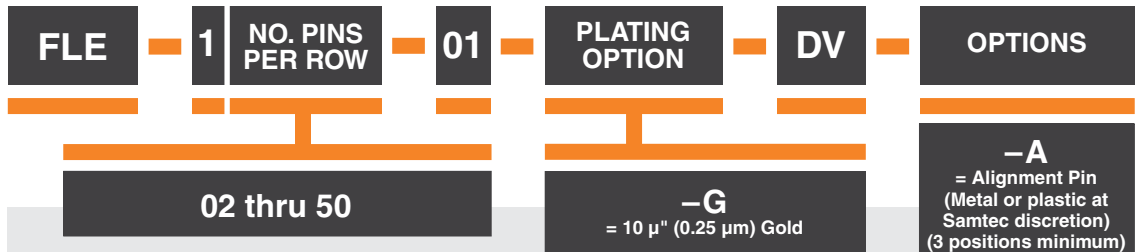
For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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



- 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

