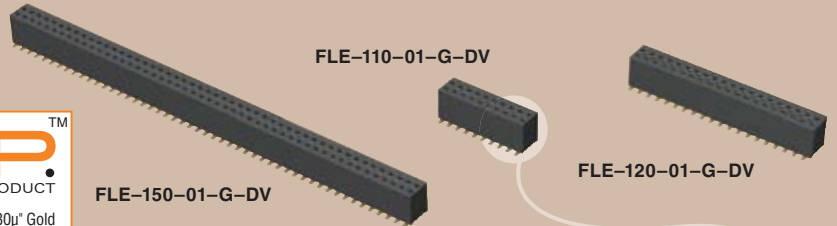




(1,27 mm) .050"

FLE SERIES



# COST EFFECTIVE RELIABLE SOCKET

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FLE](http://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



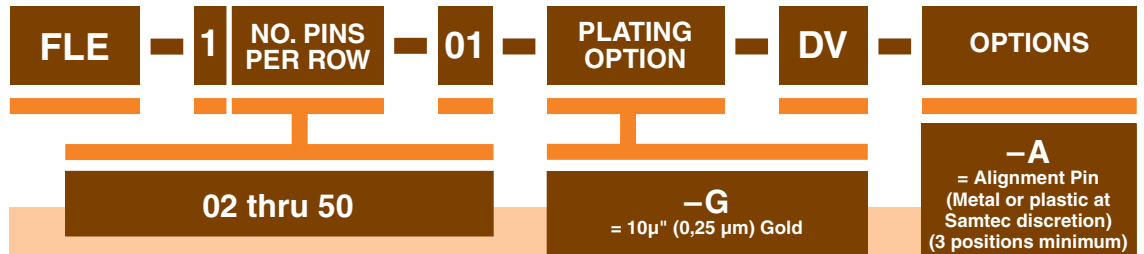
Tiger Beam™ contact

Ideal for pass-through applications

Surface Mount

Available with optional Pick & Place pads

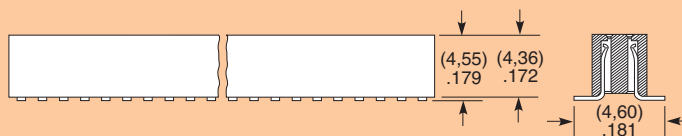
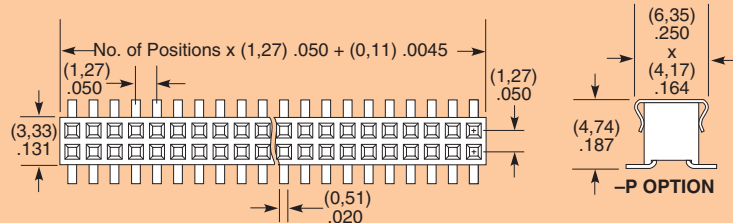
(1,27 mm) .050" micro pitch



Note: Other gold plating options available. Contact Samtec.

**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](http://WWW.SAMTEC.COM)