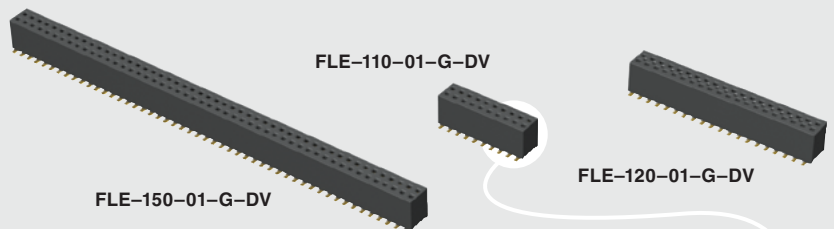




(1.27 mm) .050"



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:

2.9 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

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

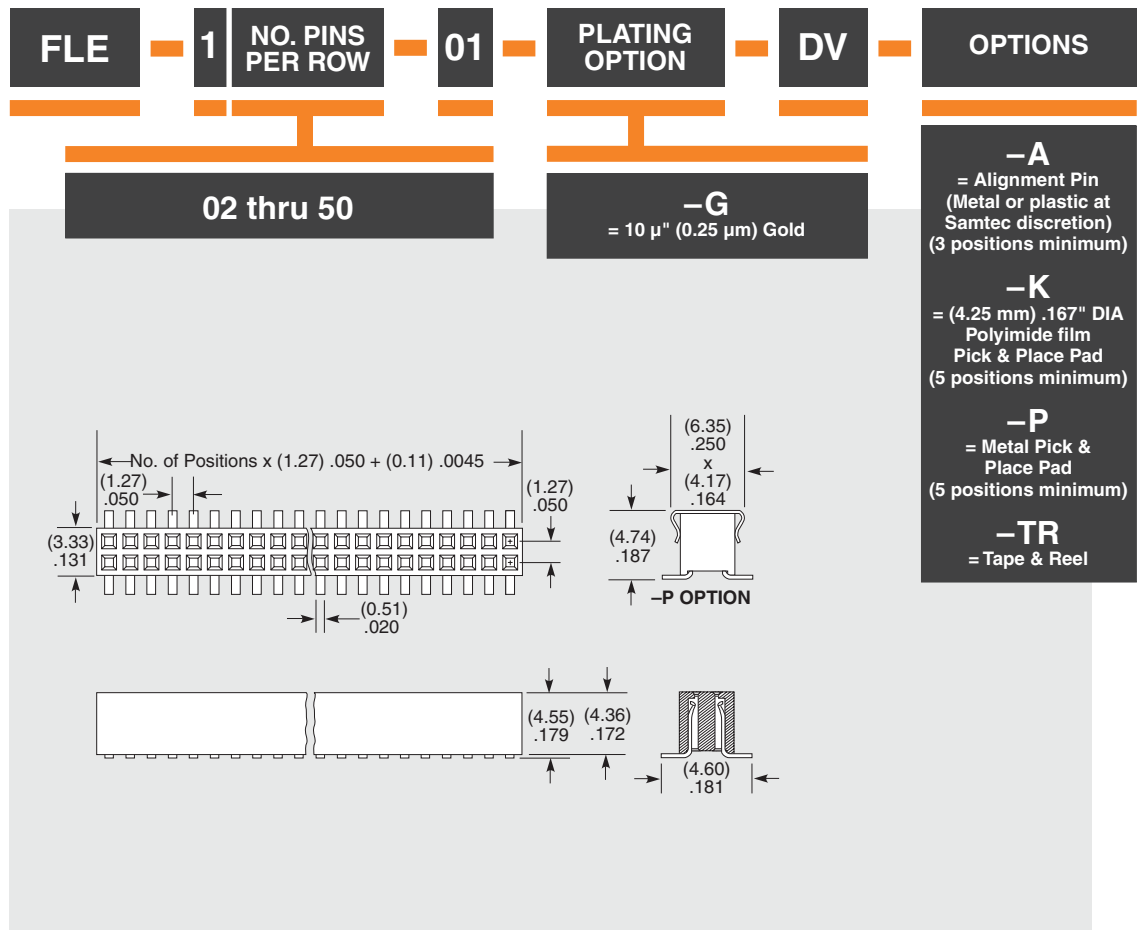


FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other platings

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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.