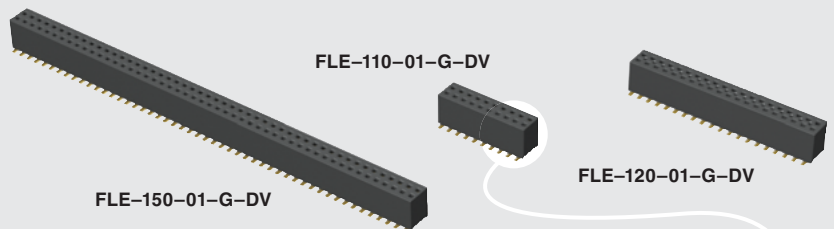




(1,27 mm) .050"



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



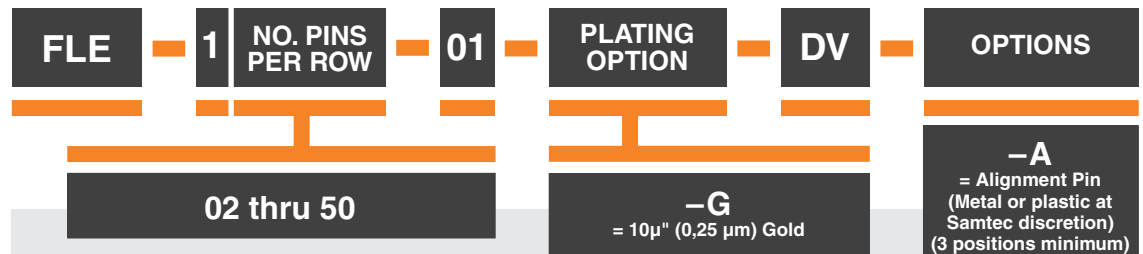
Tiger Beam™
contact

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



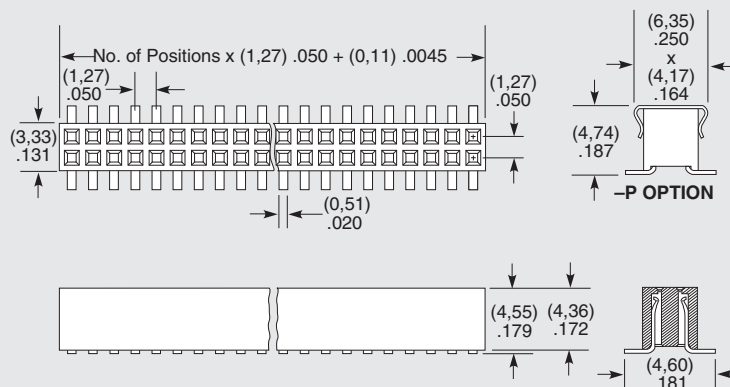
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ALSO AVAILABLE (MOQ Required)

- 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.