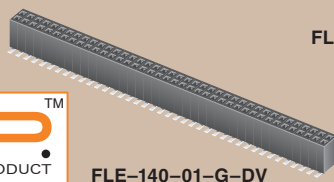




(1,27mm) .050"

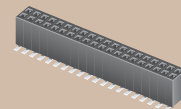
FLE SERIES



FLE-110-01-G-DV



FLE-140-01-G-DV



FLE-120-01-G-DV

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:

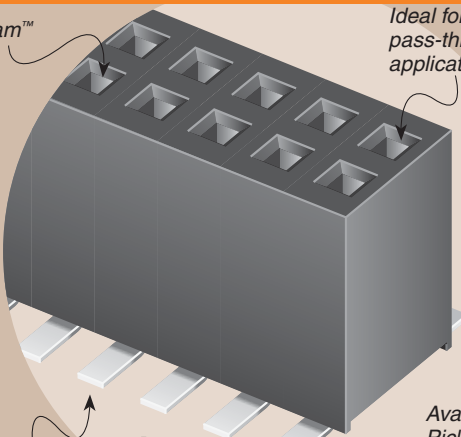
(0,10mm) .004" max

Mates with:
FTSH, FTS, FW,
FFMD, FMTP



Tiger Beam™
contact

Ideal for
pass-through
applications



Surface
Mount

Available with optional
Pick & Place pads

(1,27mm) .050"
micro pitch

FLE

-

1

NO. PINS
PER ROW

-

01

PLATING
OPTION

-

DV

OPTIONS

02 thru 50

-G
= 10µ" (0,25µm) Gold

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)

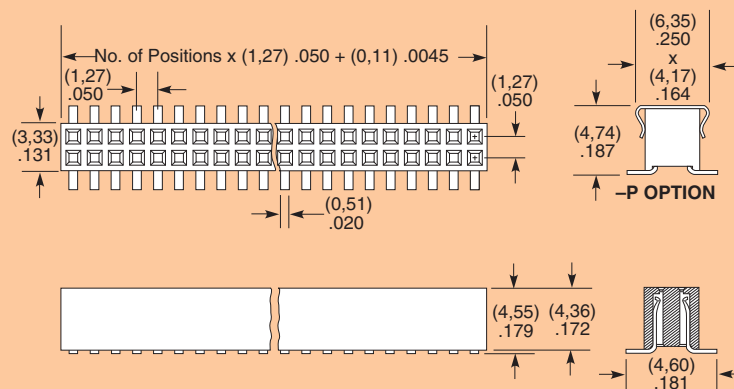
-TR

= 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.

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