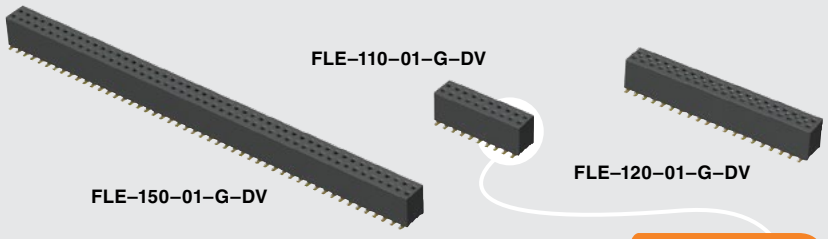
samtec

10 YEAR MFG WITH 30 µ" GOLD
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES



(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

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

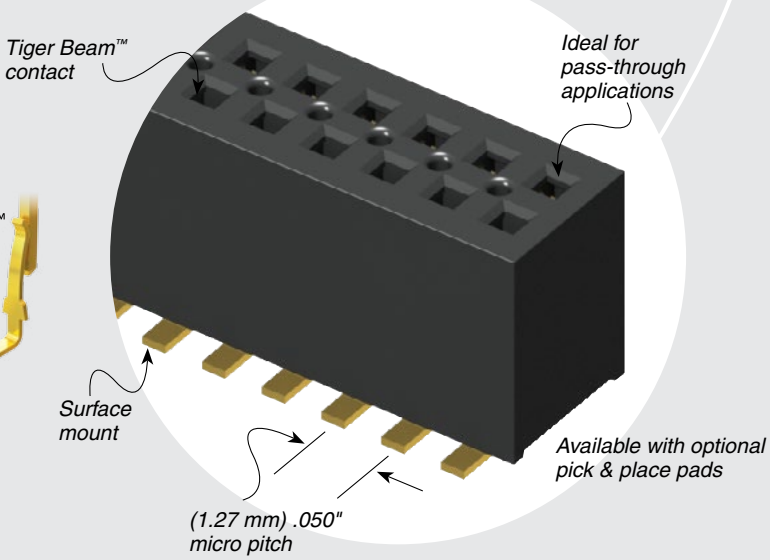
Contact Samtec.

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

Board Mates:
FTSH, FTS, FW

Cable Mates:
FFMD*, FMTP

TIGER™ BEAM CONTACT



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

FLE	–	1	NO. PINS PER ROW	–	01	–	PLATING OPTION	–	DV	–	OPTIONS
			02 thru 50				–G = 10 µ" (0.25 µm) Gold				

–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

