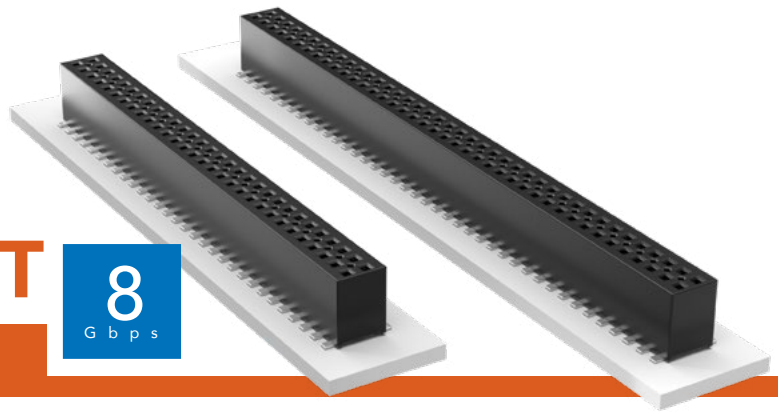


COST-EFFECTIVE RELIABLE SOCKET

(1.27 mm) .050" PITCH • FLE SERIES



FLE

Board Mates:
FTSH, FTS, FW

Cable Mates:
FFMD*, FMTP

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



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

-FR
= Full Reel Tape & Reel
(must order maximum quantity per reel; contact Samtec for quantity breaks)

SPECIFICATIONS

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

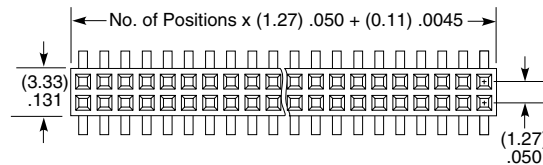
Normal Force:
100 grams (0.98 N)

Max Cycles:
100+

PROCESSING

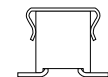
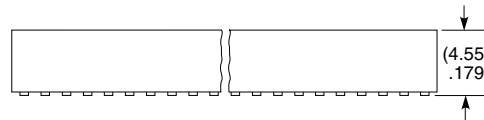
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0.10 mm) .004" max



ALSO AVAILABLE

Other Plating
(MOQ Required)



-P OPTION



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