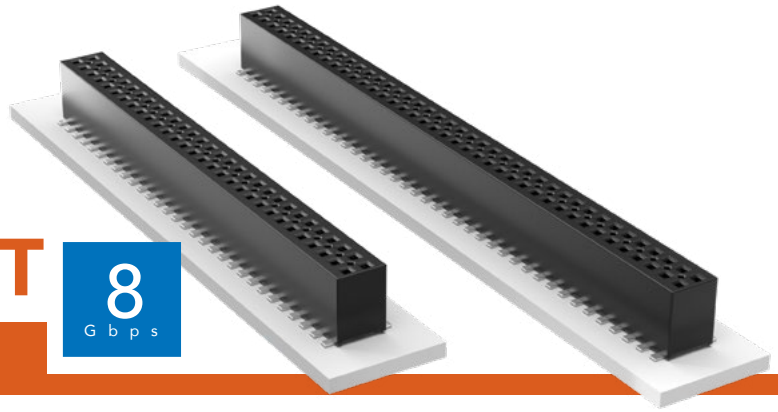


COST-EFFECTIVE RELIABLE SOCKET

(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.)

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

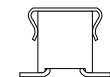
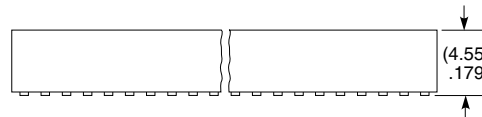
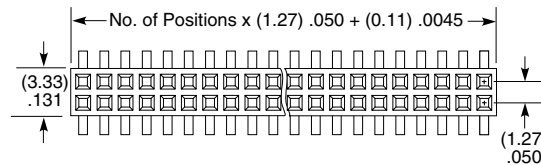
Lead-Free Solderable:
Yes

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

ALSO AVAILABLE

Other Plating
(MOQ Required)

FLE	- 1	NO. PINS PER ROW	- 01	PLATING OPTION	- DV	OPTION
		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)



-P OPTION



Note:

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