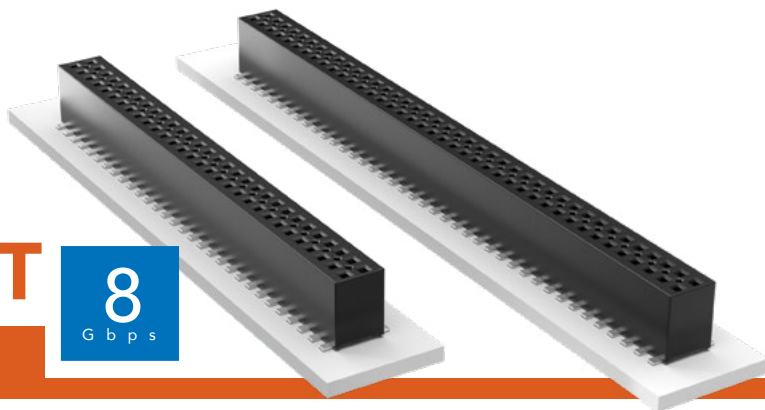


COST-EFFECTIVE RELIABLE SOCKET

(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 μ m) 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+

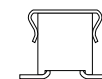
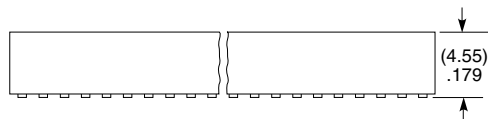
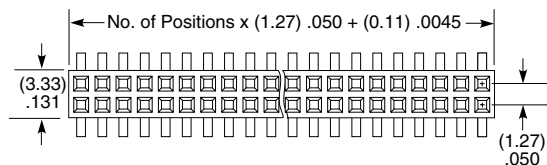
PROCESSING

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 μ m) 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.