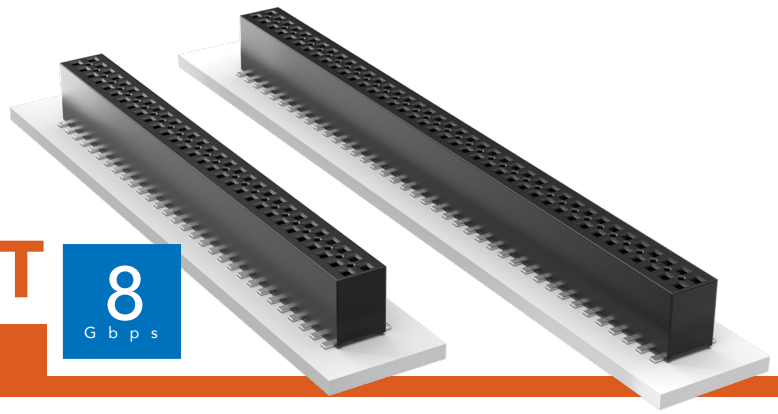


COST-EFFECTIVE RELIABLE SOCKET

(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

Operating Temp Range:

-55 °C to +125 °C

Current Rating:

2.9 A per pin

(2 pins powered)

Voltage Rating:

281 VAC/397 VDC

Insertion Depth:

(1.83 mm) .072" to (4.37 mm)

.172" or pass-through

Max Cycles:

100+

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max

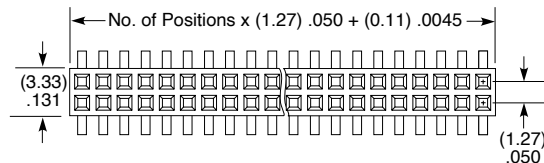
FLE	-	1	NO. PINS PER ROW	-	01	-	PLATING OPTION	-	DV	-	OPTION
			02 thru 50				-G = 10 μ" (0.25 μm) Gold				-A = Alignment Pin (Metal or plastic at Samtec discretion) (3 positions minimum)

-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

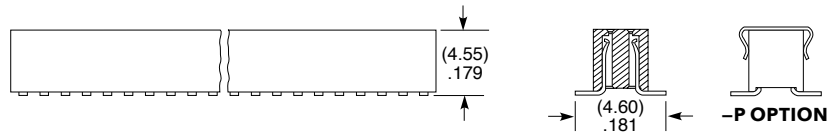
-FR
= Full Reel Tape & Reel
(must order maximum
quantity per reel;
contact Samtec for
quantity breaks)



ALSO AVAILABLE

Contact Samtec

Other Plating



Note:

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