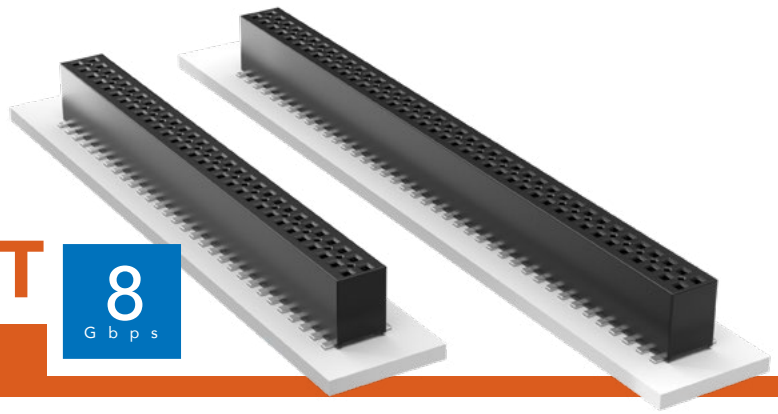


COST-EFFECTIVE RELIABLE SOCKET

(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

FLE	-	1	-	NO. PINS PER ROW	-	01	-	PLATING OPTION	-	DV	-	OPTION
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02 thru 50

-G
= 10 μ" (0.25 μm) Gold

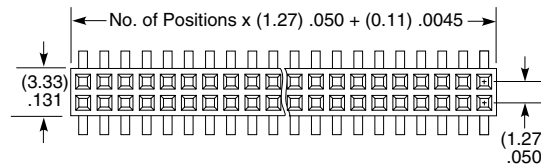
-A
= Alignment Pin
(Metal or plastic at
Samtec discretion)
(3 positions minimum)

-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

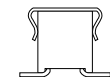
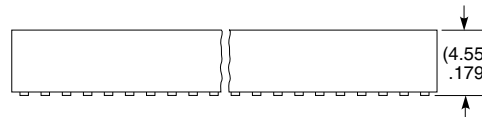
-FR
= Full Reel Tape & Reel
(must order maximum
quantity per reel;
contact Samtec for
quantity breaks)



ALSO AVAILABLE

Other Plating

(MOQ Required)



-P OPTION



Note:

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