

# COST-EFFECTIVE RELIABLE SOCKET

(1.27 mm) .050" PITCH • FLE SERIES



OPTION

-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)

**PLATING** 

**OPTION** 

-G

= 10 µ" (0.25 µm) Gold

#### FLE Board Mates:

FTSH, FTS, FW

## Cable Mates: FFMD\*, FMTP

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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

### ALSO AVAILABLE

Other Plating

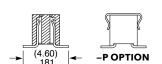
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NO. PINS

**PER ROW** 

02 thru 50







#### Note:

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