

(1.27 mm) .050"

SFMX SERIES

# FLEX LOCK/LATCH SOCKET STRIP

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SFMX](http://www.samtec.com?SFMX)

**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

**Insertion Depth:**

(3.05 mm) .120" to

(4.06 mm) .160"

**Unmating Force:**

Withdrawal force per contact: 2.0 oz (0.57 N) avg; Incremental unmating force with latching mechanism: 10 & 15 pins/row (One Latch) increases withdrawal force by 4 x avg; 20-30 pins/row (Two Latches) increases withdrawal force by 3 x avg; 35-50 pins/row (Three Latches) increases withdrawal force by 1.7 x avg

**RoHS Compliant:**

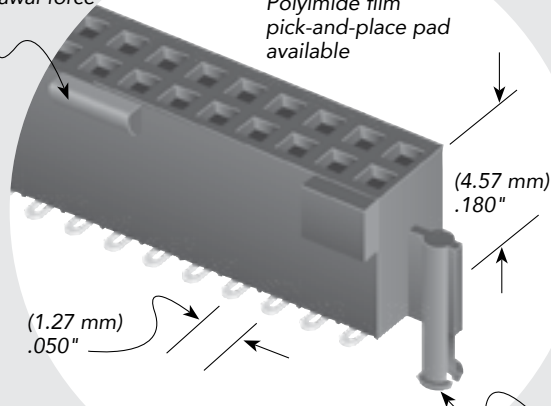
Yes

**Mates with:**  
TFML

Latching feature increases withdrawal force

Polyimide film pick-and-place pad available

TIGER EYE™  
LITE CONTACT



Locks into stiffeners behind circuit

## PROCESSING

**Lead-Free Solderable:**

Yes

**SMT Lead Coplanarity:**

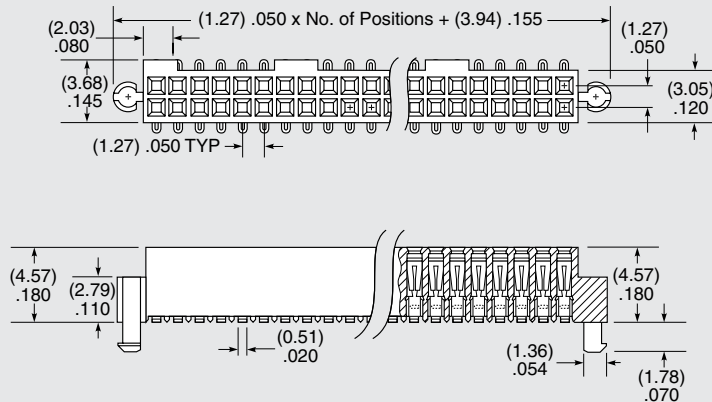
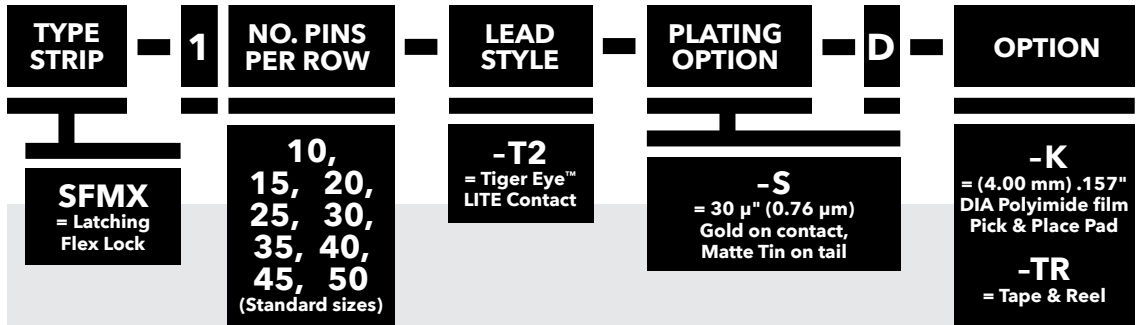
(0.10 mm) .004" max (10-25) (0.15 mm) .006" max (30-50)\* \*(.004" stencil solution may be available; contact [ipg@samtec.com](mailto:ipg@samtec.com))

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E11594



**Note:**  
Some sizes, styles and options are non-standard, non-returnable.