

(1.27 mm) .050"

SFMX-115-T2-S-D

SFMX-120-02-S-D

SFMX-135-T2-S-D-K

SFMX SERIES

FLEX LOCK/LATCH SOCKET STRIP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SFMX

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au over 50 μ " (1.27 μ m) 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

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)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



Mates with:
TFML

TIGER
EYE
LITE

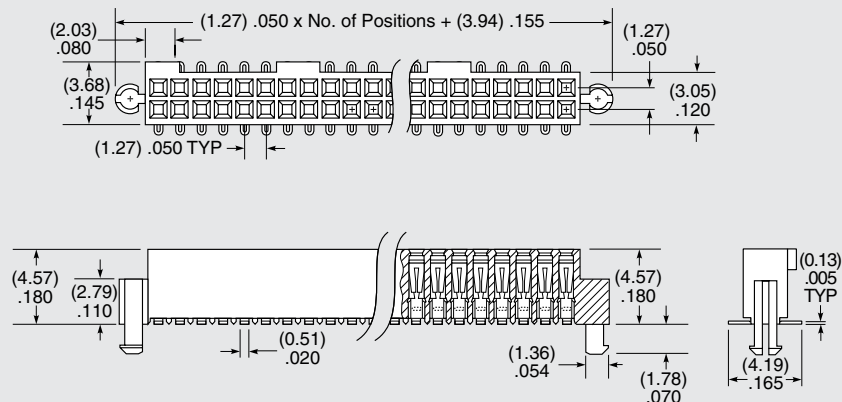
Latching feature increases withdrawal force

Polyimide film pick-and-place pad available

(1.27 mm)
.050"

Locks into stiffeners behind circuit

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION
SFMX = Latching Flex Lock		10, 15, 20, 25, 30, 35, 40, 45, 50 (Standard sizes)	-T2 = Tiger Eye™ LITE Contact	-S = 30 μ " (0.76 μ m) Gold on contact, Matte Tin on tail		-K = (4.00 mm) .157" DIA Polyimide film Pick & Place Pad -TR = Tape & Reel -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)



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