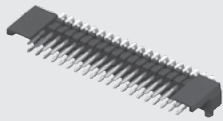


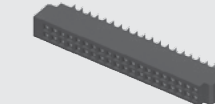
FSH-120-04-F-RA-SL



FSH-110-04-L-DH-SL



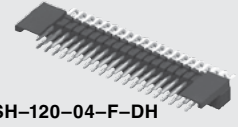
SFMH-130-02-L-D-LC



SFMH-105-02-L-D-LC



FSH-120-04-F-DH



SFMH-120-02-L-D

(1.27 mm) .050"

**FSH, SFMH SERIES**

# HIGH-RELIABLE HORIZONTAL SMT

**FSH Mates with:**  
SFMH

**Mates with:**  
FTSH, FSH

## SPECIFICATIONS

For complete specifications see [www.samtec.com?FSH](http://www.samtec.com?FSH) or [www.samtec.com?SFMH](http://www.samtec.com?SFMH)

**Insulator Material:**  
Black Liquid Crystal Polymer

**Terminal Material:**  
Phosphor Bronze

**Plating:**  
FSH =

Sn or Au over 50 μm (1.27 μm) Ni

SFMH =

Au over 50 μm (1.27 μm) Ni

**Current Rating (FSH/SFMH):**  
2.6 A per pin

(2 pins powered)

**Operating Temp Range:**  
-55 °C to +125 °C

**Insertion Depth:**  
SFMH =

(3.35 mm) .132" to

(4.57 mm) .180"

**RoHS Compliant:**  
Yes

## PROCESSING

**Lead-Free Solderable:**  
Yes (FSH)

**SMT Lead Coplanarity:**  
(0.10 mm) .004" max (SFMH)

(0.15 mm) .006" max (FSH)\*

\*(.004" stencil solution may be available; contact

IPG@samtec.com)

## RECOGNITIONS

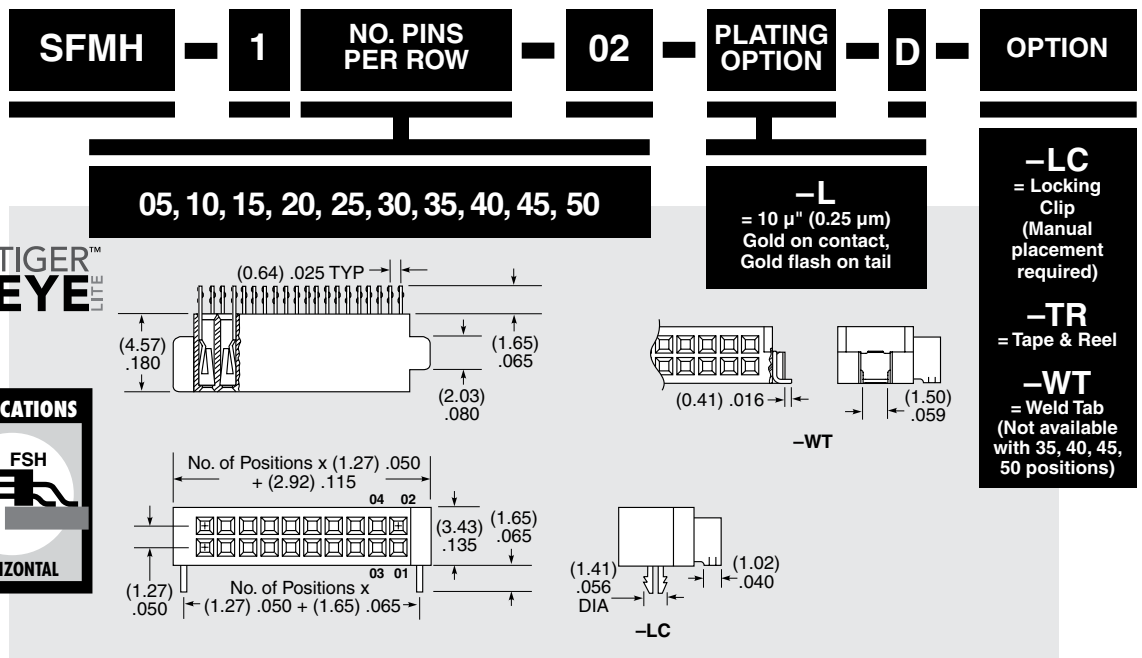
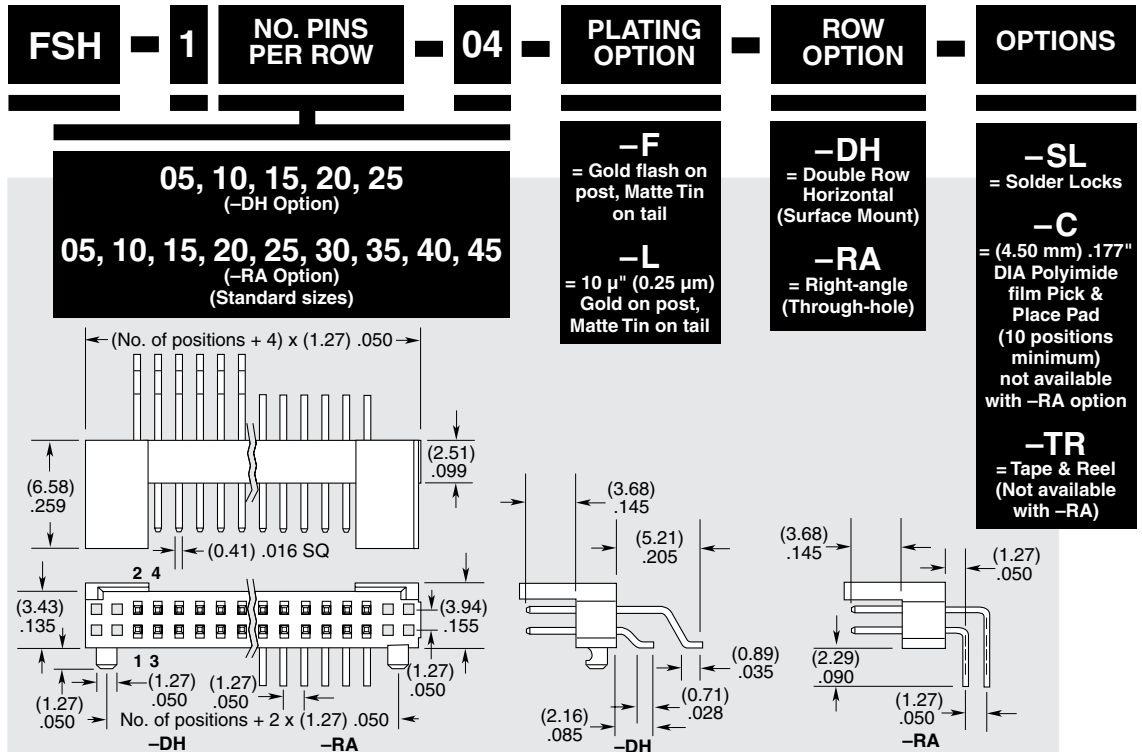
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594



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



Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.