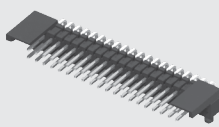




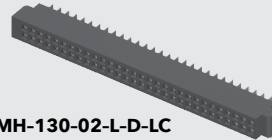
**TIGER  
EYE**  
SYSTEM

(1.27 mm) .050"

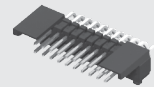
FSH-120-04-F-RA-SL



SFMH-130-02-L-D-LC



FSH-110-04-L-DH-SL



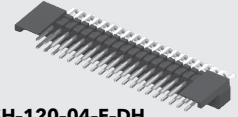
SFMH-105-02-L-D-LC



SFMH-120-02-L-D



FSH-120-04-F-DH

**FSH, SFMH SERIES**

**FSH Mates with:**  
SFMH  
**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  $\mu$ " (1.27  $\mu$ m) Ni

SFMH = Au over

50  $\mu$ " (1.27  $\mu$ m) Ni

**Operating Temp Range:**

-55 °C to +125 °C

**Current Rating (FSH/SFMH):**

2.6 A per pin

(2 pins powered)

**Voltage Rating:**

213 VAC/301 VDC

**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)\*

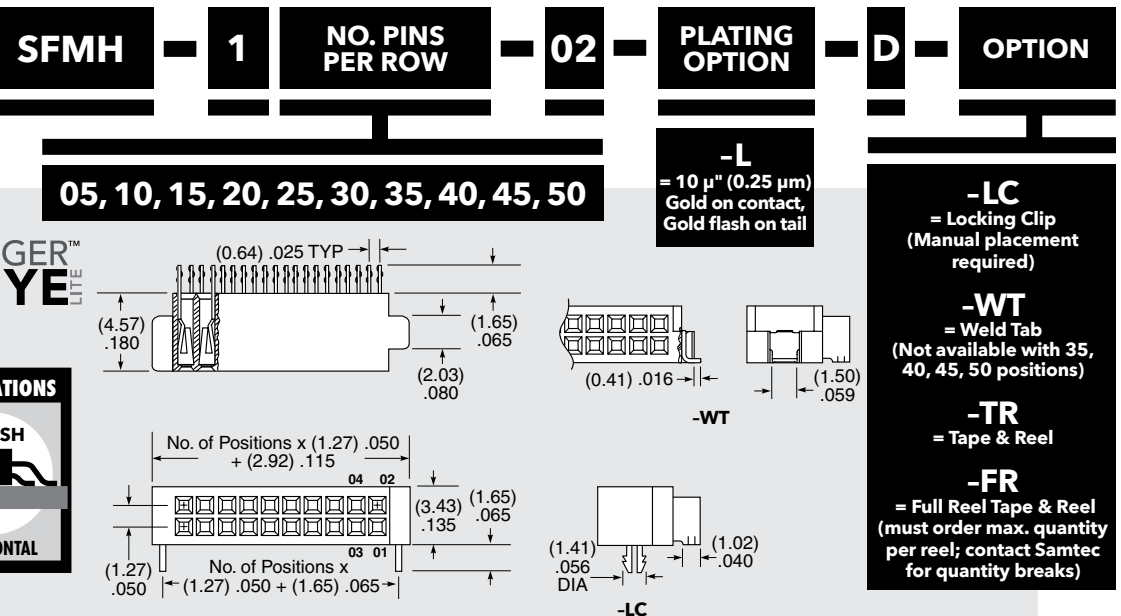
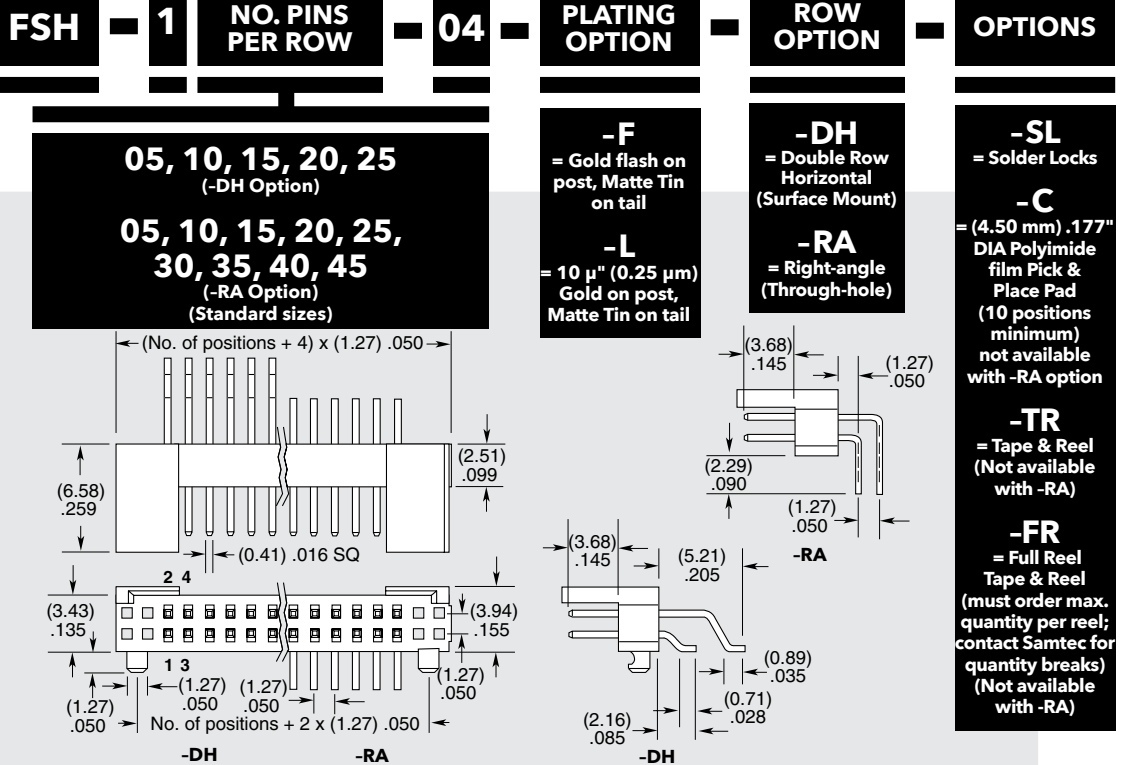
\*(.004" stencil solution may be available; contact [ipg@samtec.com](mailto:ipg@samtec.com))

**RECOGNITIONS**

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



FILE NO. E111594

**APPLICATIONS**

SFMH FSH

HORIZONTAL

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

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.