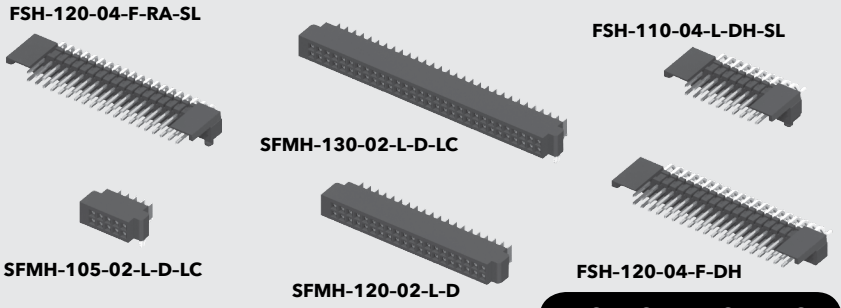
THE DATASHEET OF

SFMH-125-02-L-D

www.win-source.net 0086-755-83957316

samtec

TIGER™ EYE SYSTEM



(1.27 mm) .050"

FSH, SFMH SERIES

HIGH-RELIABLE HORIZONTAL

FSH Mates with:
SFMH
SFMH Mates with:
FTSH, FSH

SPECIFICATIONS

For complete specifications see www.samtec.com?FSH or www.samtec.com?SFMH

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
FSH =
Sn or Au over 50 µ" (1.27 µm) Ni
SFMH =
Au over 50 µ" (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

FILE NO. E111594

FSH - 1 - NO. PINS PER ROW - 04 - PLATING OPTION - ROW OPTION - OPTIONS

05, 10, 15, 20, 25
(-DH Option)

05, 10, 15, 20, 25, 30, 35, 40, 45
(-RA Option)
(Standard sizes)

-F
= Gold flash on post, Matte Tin on tail

-L
= 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

-DH
= Double Row Horizontal (Surface Mount)

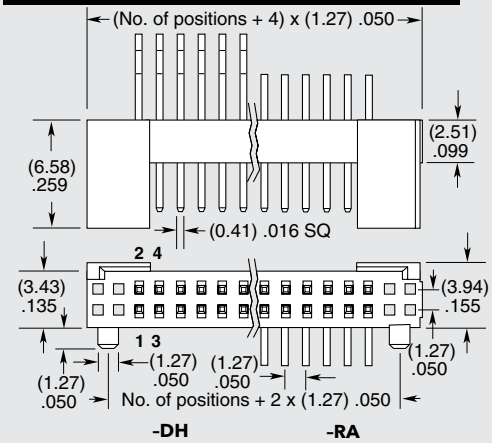
-RA
= Right-angle (Through-hole)

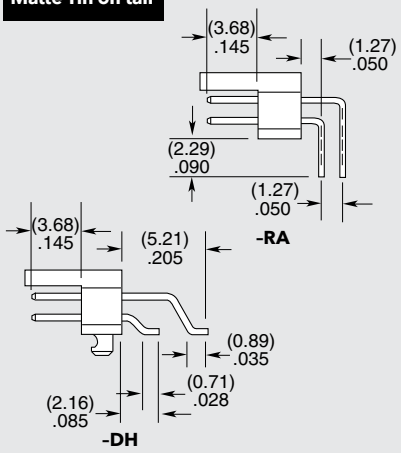
-SL
= Solder Locks

-C
= (4.50 mm) .177" DIA Polyimide film Pick & Place Pad (10 positions minimum) not available with -RA option

-TR
= Tape & Reel (Not available with -RA)

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (Not available with -RA)





SFMH - 1 - NO. PINS PER ROW - 02 - PLATING OPTION - D - OPTION

05, 10, 15, 20, 25, 30, 35, 40, 45, 50

-L
= 10 µ" (0.25 µm) Gold on contact, Gold flash on tail

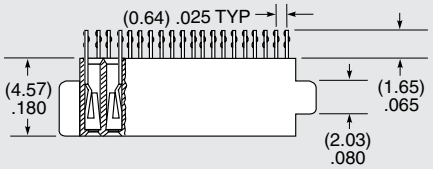
-LC
= Locking Clip (Manual placement required)

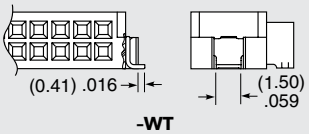
-WT
= Weld Tab (Not available with 35, 40, 45, 50 positions)

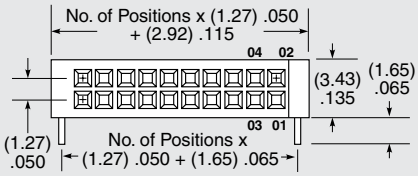
-TR
= Tape & Reel

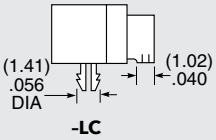
-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

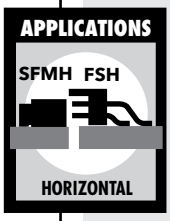
TIGER™ EYE LITE











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

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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View SFMH-125-02-L-D on WIN SOURCE
- Samtec Inc. Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- Global Sourcing Solution
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- Shortage Management
- Alternative Solution
- Excess Inventory Management