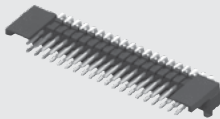




**TIGER
EYE**
SYSTEM

(1.27 mm) .050"

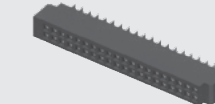
FSH-120-04-F-RA-SL



FSH-110-04-L-DH-SL



SFMH-130-02-L-D-LC



SFMH-105-02-L-D-LC



SFMH-120-02-L-D

FSH-120-04-F-DH

**FSH, SFMH SERIES**

HIGH-RELIABLE HORIZONTAL SMT

FSH Mates with:

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 μ m) Ni

SFMH =

Au over 50 μ " (1.27 μ m) 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
OPTIONROW
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 μ m)
Gold on post,
Matte Tin on tail

-DH

= Double Row
Horizontal
(Surface Mount)

-RA

= Right-angle
(Through-hole)

-SL

= Solder Locks

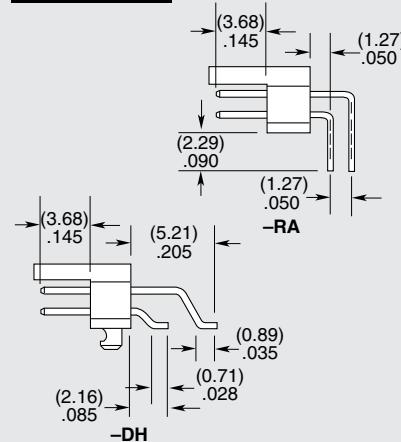
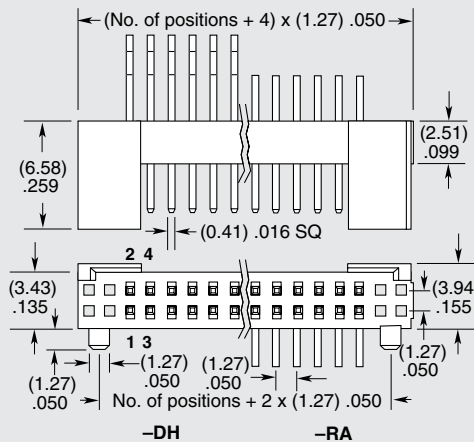
-C

= (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 μ m)
Gold on contact,
Gold flash on tail

-LC

= Locking Clip
(Manual placement
required)

-WT

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

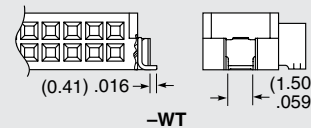
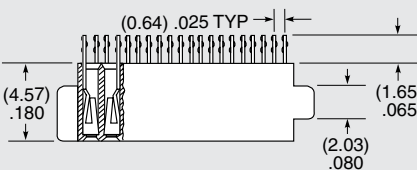
-TR

= Tape & Reel

-FR

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

**TIGER
EYE**
LITE



APPLICATIONS

SFMH FSH

HORIZONTAL

Note:

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

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

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