SMT MICRO HEADER

SPECIFICATIONS
For complete specifications and recommended PCB layouts see www.samtec.com/FTSH

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Plating:
Sn or Au over 50 µ" (1.27 µm) Ni

Current Rating (FTSH/CLP):
3.4 A per pin
(2 pins powered)

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

RoHS Compliant:
Yes

PROCESSING
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
–MT & –DV Tail Option:
(0.10 mm) .004" max (02-25)
–MT & –DH Tail Option:
(0.15 mm) .006" max (26-50)*

(Style –01, –02, –04 only)

*Note: (0.04" stencil solution may be available; contact IPG@samtec.com)

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

ALSO AVAILABLE
(MOQ Required)
- Molded Pick & Place pads
- Latches
- Other platings

Board Mates:
CLP, FLE

Cable Mates:
FFSD, FFTP

OPTIONS
FTSH – 1

NO. PINS PER ROW
02 thru 50

APPLICATIONS
CLP, FTSH

HORIZONTAL

LEAD STYLE

01 = (3.05 mm) .120" Post (Mates with FFSD)
02 = (1.91 mm) .075" Post (Mates with FLE)
03 = (1.65 mm) .065" Post (Mates with CLP-D)
04 = (3.81 mm) .150" Post (Mates with CLP-DH)
05 = (4.32 mm) .170" Post (Mates with CLP-BE)

 ultra-low profile option available.
End Shrouds available.
Call for FTS Series specifications.

OTHER SOLUTIONS

Ultra-low profile option available.
End Shrouds available.
Call for FTS Series specifications.

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

PROCESSING
Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
–MT & –DV Tail Option:
(0.10 mm) .004" max (02-25)

–MT & –DH Tail Option:
(0.15 mm) .006" max (26-50)*

(Style –01, –02, –04 only)

*Note: (0.04" stencil solution may be available; contact IPG@samtec.com)

BOARD MATER:
CLP, FLE

CABLE MATER:
FFSD, FFTP

NO. OF POSITIONS (02-25)

01 = (3.05 mm) .120" Post (Mates with FFSD)
02 = (1.91 mm) .075" Post (Mates with FLE)
03 = (1.65 mm) .065" Post (Mates with CLP-D)
04 = (3.81 mm) .150" Post (Mates with CLP-DH)
05 = (4.32 mm) .170" Post (Mates with CLP-BE)

EX & EJ OPTIONS ShOWN

LEAD STYLE

See SFM/TFM for positive alignment feature.

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

Optional end shrouds and ejector shrouds

Surface mount (1.27 mm) .050" micro pitch

Optional guide post

(2.92 mm) .115"

(1.27 mm) .050" micro pitch

FTSH–117–02–L–DV
FTSH–110–04–F–DV
FTSH–113–02–L–DH–C

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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.

WWW.SAMTEC.COM