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 50µ” (1.27 µm) Ni
- Current Rating (FTSH/CLP): 3.3 A per pin (1 pin powered per row)
- Operating Temp Range: -55°C to +125°C
- RoHS Compliant: Yes
- Processing: Lead-Free Solderable: Yes
- SMT Lead Coplanarity: –MT & –DV Tail Option: (0.15 mm) .006” max (26-50)
- –MT & –DH Tail Option: (0.10 mm) .004” max (02-25)

RECOGNITIONS

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

ALSO AVAILABLE (MOQ Required)

- Molded Pick & Place pads
- Latches
- Other platings
Contact Samtec.

Note: Some sizes, styles and options are non-standard, non-returnable.
Note: See SFM/TFM for positive alignment feature.

FTSH

OPTIONS

- ES OPTION
- EC OPTION
- EJ OPTION
- EL OPTION
- EP OPTION
- TR OPTION
- P OPTION

APPLICATIONS

- CLP
- FTSH

LEAD STYLE

- 01 = (3.05 mm) .120” Post (Mates with FFSD, CLP–DH)
- 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–BE)
- 05 = (4.32 mm) .170” Post (Mates with CLP–BE)

OTHER SOLUTIONS

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

WWW.SAMTEC.COM

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

(2.92 mm) .115"

Optional guide post

(1.27 mm) .050" micro pitch

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**PLATING OPTION**

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

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

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**TAIL OPTION**

- **DV** = Double Vertical

- **DH** = Double Horizontal (Styles –01, –02 & –04 only)

- **MT** = Mixed Technology (Styles –01, –02 & –04 only)

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**OPTION**

Leaving Blank for –DH & –MT

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**FLEX SHROUD OPTIONS**

(Style –02 & –03 only, –DH & –MT not available)

9 pins/row minimum

(Other positions available. Call Samtec.)

- **ES** = End Shroud

- **EC** = End Shroud with Locking Clip (Manual placement required)

- **EP** = End Shroud with Guide Post

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**OTHER OPTIONS**

- **K** = Keying Shroud (For mating with FFSD Style –01 only and 05, 08, 10, 13, 17, 20 & 25 pins/row only. 13, 17, 20 & 25 pins/row only with –EJ option) (–DV only)

- **A** = Alignment Pin (–DV 3 positions min.) (–DH 5 positions min.) (Metal or plastic at Samtec discretion)

- **C** = (5.00 mm) .197" DIA Polyimide film Pick & Place Pad (–DH only)

- **P** = Pick & Place Pad (–DV 4 positions min.) (–DH & –MT not available)

- **TR** = Tape & Reel Packaging (Flex Shroud options not available except –ES & –EJ)

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