

(0,80 mm) .0315"

FTE SERIES

SMT MICRO HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FTE

Insulator Material:

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au over 50μ" (1,27 μm) Ni

Current Rating (FTE/CL)

2.7 A per pin

Operating Temp Range:

Operating Temp
-55°C to +125°C

RoHS Compliant:

ROI
Yes

Processing:

Lead-Free Solderable:

Yes

-DV Lead Coplanarity:

(0,10 mm) .004" max

-DH Lead Coplanarity:
(2.12) (2.12) (2.12)

(0,10 mm) .004" max (05-25)
(0,15 mm) .006" max (26-50)

RECOGNITIONS

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

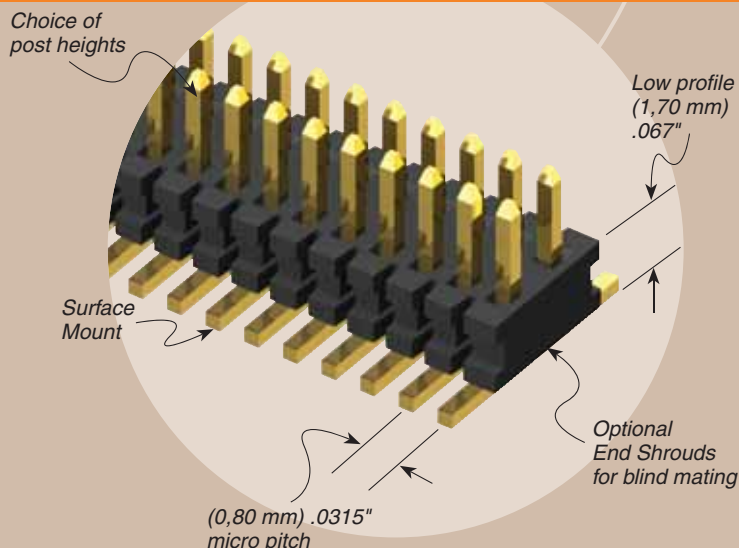
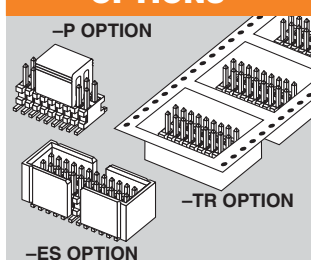


ALSO AVAILABLE
(MOQ Required)

- End shrouds with board locks
 - Gold flash plating
- Contact Samtec.

Mates with:
CLE

OPTIONS



FTE

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

TAIL OPTION

FLEX SHROUD OPTIONS

OTHER OPTION

05 thru 90

Specify
LEAD STYLE
from chart

—G
= 10μ"
(0,25 μm)
Gold on post,
Gold flash on
balance

—DV
= Dual
Vertical

—DH
= Dual
Horizontal
(50 pos.
max.)

Style —01 —DV only
(11 pins/row min.)

—ES
= End Shroud

—EC
= End Shroud with
Locking Clips
(Manual placement
required)

—EP
= End Shroud with
Guide Posts

—A
= Alignment
Pin
(5 pos. min.)
Metal or
plastic at
Samtec
discretion
(—DV only)

—K
= (2,50 mm)
.098" DIA
Polyimide
Film Pick &
Place Pad
(—DH only)

—P
= Plastic Pick
& Place Pad
(8 pos. min.)
—DV only

—TR
= Tape & Reel
Packaging

(Shrouded options removed for clarity)

LEAD STYLE	A
—01	(1,90) .075
—02	(4,45) .175
—03	(3,05) .120

OPTION	Z
—ES	(1,57) .062
—EC	(4,11) .162
—EP	(5,51) .217

—DH OPTION

—ES OPTION

—P OPTION

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

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: +1-800-SAMTEC-9 or +1-812-944-6733 **SAMTEC NORTHERN CALIFORNIA** • Tel: +1-408-395-5900 **SAMTEC SOUTHERN CALIFORNIA** • Tel: +1-800-726-8329
SAMTEC SOUTH AMERICA • Tel: +55 31 3786 3227 **SAMTEC UNITED KINGDOM** • Tel: +44 01236 739292 **SAMTEC GERMANY** • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: +33 1 60 95 06 60 **SAMTEC ITALY** • Tel: +39 039 6890337 **SAMTEC NORDIC/BALTIC** • Tel: +46 8 4477280 **SAMTEC BENELUX** • Tel: +44 01236 739292
SAMTEC ISRAEL • Tel: +972 3 7526800 **SAMTEC INDIA** • Tel: +91 80 3272 1612 **SAMTEC ANZ** • Tel: +613 9580 0683 **SAMTEC SINGAPORE** • Tel: +65 6745 5985 **SAMTEC JAPAN** • Tel: +81 45 475 1385
SAMTEC SHANGHAI • Tel: +86 21 6083 3766 **SAMTEC SHENZHEN** • Tel: +86 755 83776780 **SAMTEC TAIWAN** • Tel: +886 2 2735 6109 **SAMTEC HONG KONG** • Tel: +852 26904858 **SAMTEC KOREA** • Tel: +82 31 717 5685