

**(0,80 mm) .0315"**

## FTE SERIES

# SMT MICRO HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FTE](http://www.samtec.com?FTE)

**Insulator Material:**

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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

(1 pin powered per row)  
**Operating Temp Range:**

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-55°C to +125°C

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**RoHS Compliant:**

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](http://www.samtec.com/quality)

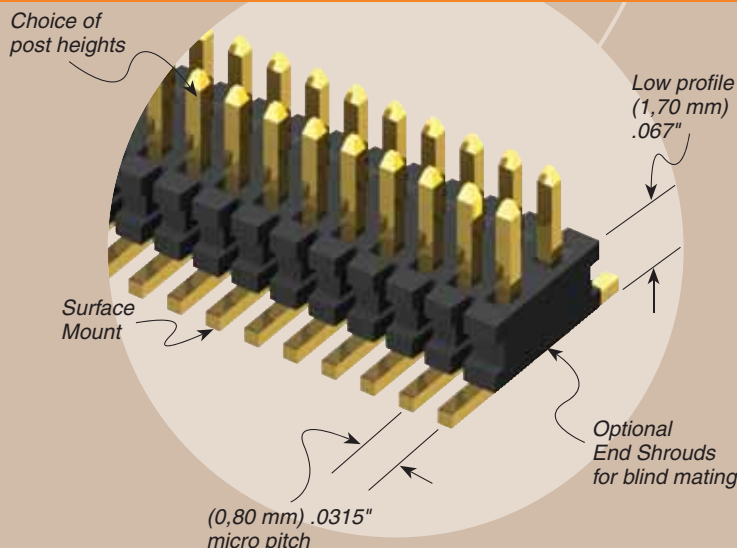
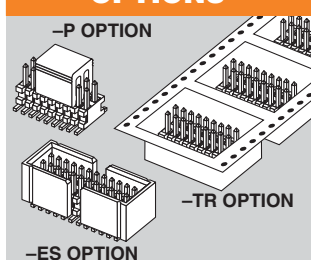


**ALSO AVAILABLE**  
(MOQ Required)

- 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

**LEAD STYLE**

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

**OPTION**

| OPTION | Z              |
|--------|----------------|
| —ES    | (1,57)<br>.062 |
| —EC    | (4,11)<br>.162 |
| —EP    | (5,51)<br>.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*

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