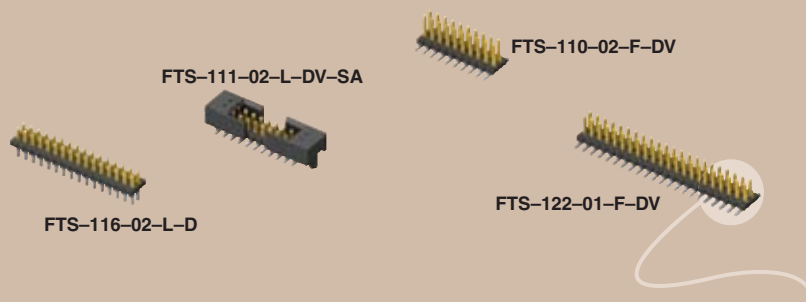


(1,27mm) .050"

FTS SERIES



# MICRO LOW PROFILE TERMINAL STRIPS

## SPECIFICATIONS

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

### HI-TEMP

**Insulator Material:**

Black Liquid Crystal Polymer

**Terminal Material:**

Phosphor Bronze

**Current Rating:**

1.75A @ 80°C ambient

**Operating Temp Range:**

-55°C to +125°C

**Plating:**

Sn or Au over 50µ"

(1,27µm) Ni

**RoHS Compliant:**

Yes

**Lead-Free Solderable:**

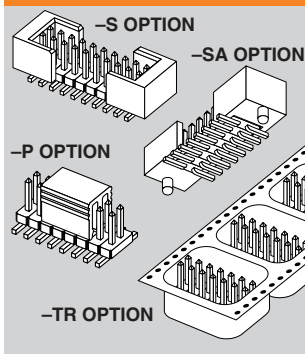
Yes

**SMT Lead Coplanarity:**

.004" (0,10mm) max

**Mates with:**  
FFSD, CLP, FLE,  
SFMC (LIF)

## OPTIONS



Mates with  
socket strips  
or IDC cable

Surface  
mount  
or through  
hole

Micro pitch  
.050" x .050"  
(1,27mm x 1,27mm)

Impedance matched for  
high speed applications

Low profile  
(1,27mm) .050"

Shrouded and  
alignment pin  
options available

## ALSO AVAILABLE

Single row  
(Mates to CLP Series).  
Call Samtec.

## APPLICATION SPECIFIC OPTION

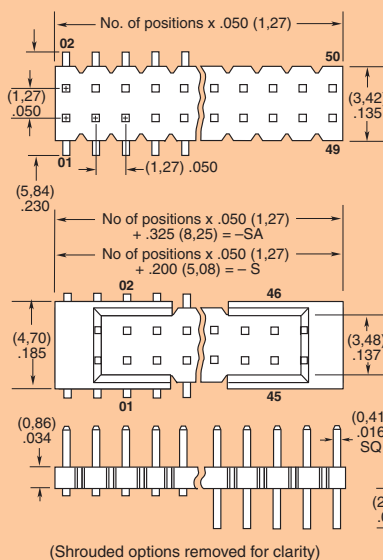
Alignment Pin.  
Call Samtec.

FTS

1

NO. PINS  
PER ROWLEAD  
STYLEPLATING  
OPTIONROW  
OPTIONOTHER  
OPTION

02 thru 50  
(except -S & -SA  
option = 05 thru 46)



-01  
= .120"  
(3,05mm)  
Post  
(Mates with  
FFSD)

-02  
= .075"  
(1,91mm)  
Post  
(Mates with  
FLE)

-03  
= .065"  
(1,65mm)  
Post  
(Mates with  
CLP)

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

-L  
= 10µ" (0,25µm)  
Gold on post,  
Matte Tin  
on tail

-DV  
= Double  
Vertical SMT

-D  
= Double  
Row  
Through-hole

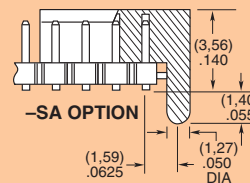
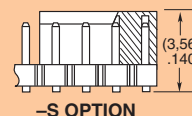
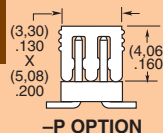
| LEAD<br>STYLE | A              |
|---------------|----------------|
| -01           | (3,05)<br>.120 |
| -02           | (1,91)<br>.075 |
| -03           | (1,65)<br>.065 |

-SA  
= End Shroud with  
Alignment Pin  
(05 thru 46  
positions. Style  
-02 & -03 only)

-S  
= End Shroud  
(05 thru 46  
positions. Style  
-02 & -03 only)

-P  
= Pick &  
Place Pad  
(05 positions  
minimum)

-TR  
= Tape & Reel  
(-DV only)



**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](http://WWW.SAMTEC.COM)

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329  
SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0  
SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292  
SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766  
SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683