

**FTS-142-03-F-D-S Information**


For Reference Only

**Part Number** [FTS-142-03-F-D-S](#)  
**Manufacturer** Samtec Inc.  
**Category** Connectors, Interconnects  
[Rectangular Connectors - Headers, Male Pins](#)  
**Description** .050 X .050 C.L. LOW PROFILE TER  
**Package** -  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**FTS-142-03-F-D-S Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">FTS-142-03-F-D-S</a>   |
| Manufacturer               | Samtec Inc.  |
| Category                   | Connectors, Interconnects<br><a href="#">Rectangular Connectors - Headers, Male Pins</a> |
| Package                    | -  |
| Series                     | FTS  |
| Connector Type             | Header, Cuttable   |
| Contact Type               | Male Pin   |
| Pitch - Mating             | 0.050" (1.27mm)  |
| Style                      | Board to Board or Cable  |
| Shrouding                  | Unshrouded   |
| Number of Positions        | 84   |
| Number of Positions Loaded | All  |
| Number of Rows             | 2  |
| Row Spacing - Mating       | 0.050" (1.27mm)  |
| Mounting Type              | Through Hole   |
| Termination                | Solder   |
| Fastening Type             | -  |
| Contact Length - Mating    | 0.065" (1.65mm)  |
| Contact Length - Post      | 0.090" (2.29mm)  |
| Overall Contact Length     | 0.189" (4.80mm)  |
| Insulation Height          | 0.034" (0.86mm)  |
| Contact Shape              | Square   |
| Contact Finish - Mating    | Gold   |

|                                   |                                |
|-----------------------------------|--------------------------------|
| Contact Finish Thickness - Mating | 3µin (0.08µm)                  |
| Contact Finish - Post             | Tin                            |
| Contact Material                  | Phosphor Bronze                |
| Insulation Material               | Liquid Crystal Polymer (LCP)   |
| Features                          | End Shrouds                    |
| Operating Temperature             | -55°C ~ 125°C                  |
| Ingress Protection                | -                              |
| Material Flammability Rating      | UL94 V-0                       |
| Insulation Color                  | Black                          |
|                                   | <a href="#">Report errors?</a> |

## FTS-142-03-F-D-S Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## FTS-142-03-F-D-S Payment Methods



## FTS-142-03-F-D-S Shipping Methods



If you have any question about FTS-142-03-F-D-S, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)