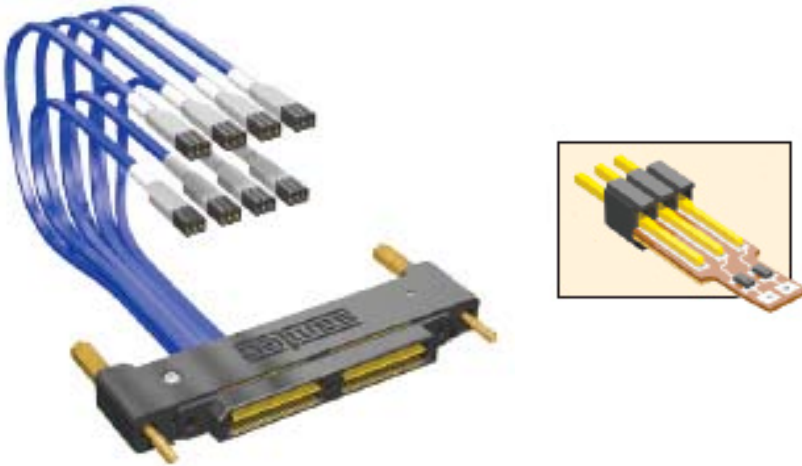


## FS1036 Spirit™ Flying Lead Differential Probe Set

For use with FuturePlus FS44xx family of High Speed Serial Bus Analysis Probes



### Advantages

- Most flexible probing method
- Handy for picking up differential signals that may not be grouped conveniently or routed to connectors
- Board space required similar to mid-bus footprint

### Specifications

- Length = 48 inches
- Bandwidth = 3.125 Gb/s
- Resistance = 310 ohms (226 ohm internal tip resistor in series with 82 ohm Flex Tip external resistor)
- Flex Tip (patent pending) external resistors included (20 ea)

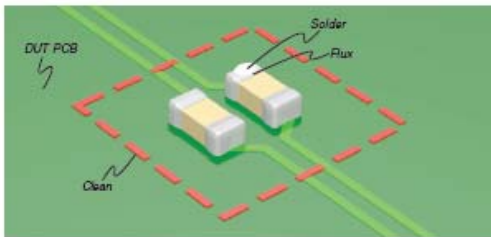


### **Helping you Design Tomorrow's Computers, Today**

FuturePlus Systems is the technology leader in protocol analysis tools for the computer design industry. Our analysis probes and software help you monitor and verify complex activities on your advanced technology computer bus design. FuturePlus systems offerings include bus-analysis solutions for most popular computer buses. Visit [www.futureplus.com](http://www.futureplus.com) for more information.

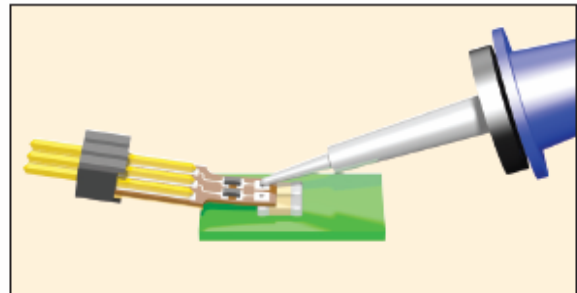
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"Spirit" is a registered trademark of Samtec Corporation

## Easy to use!

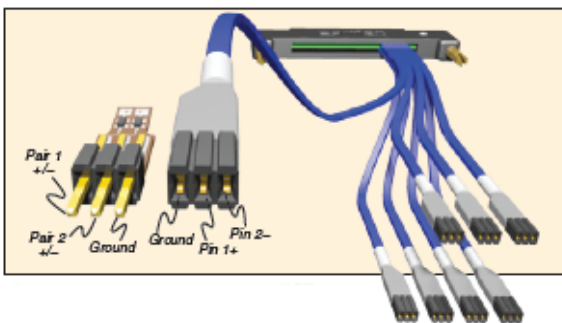


1. Clean the area where the flying lead flex tip will be placed. Apply flux and a small amount of solder on top of the AC coupling capacitors.

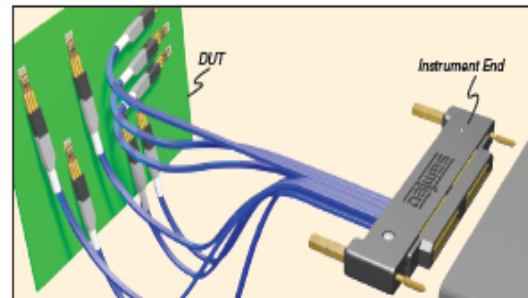
Probe location recommendations: Typically the easiest place to probe is on the AC coupling caps, but the Flex Tip can be used at any convenient probe point.



2. Solder Flex Tip to AC coupling capacitors on your target system; connect optional ground if desired.

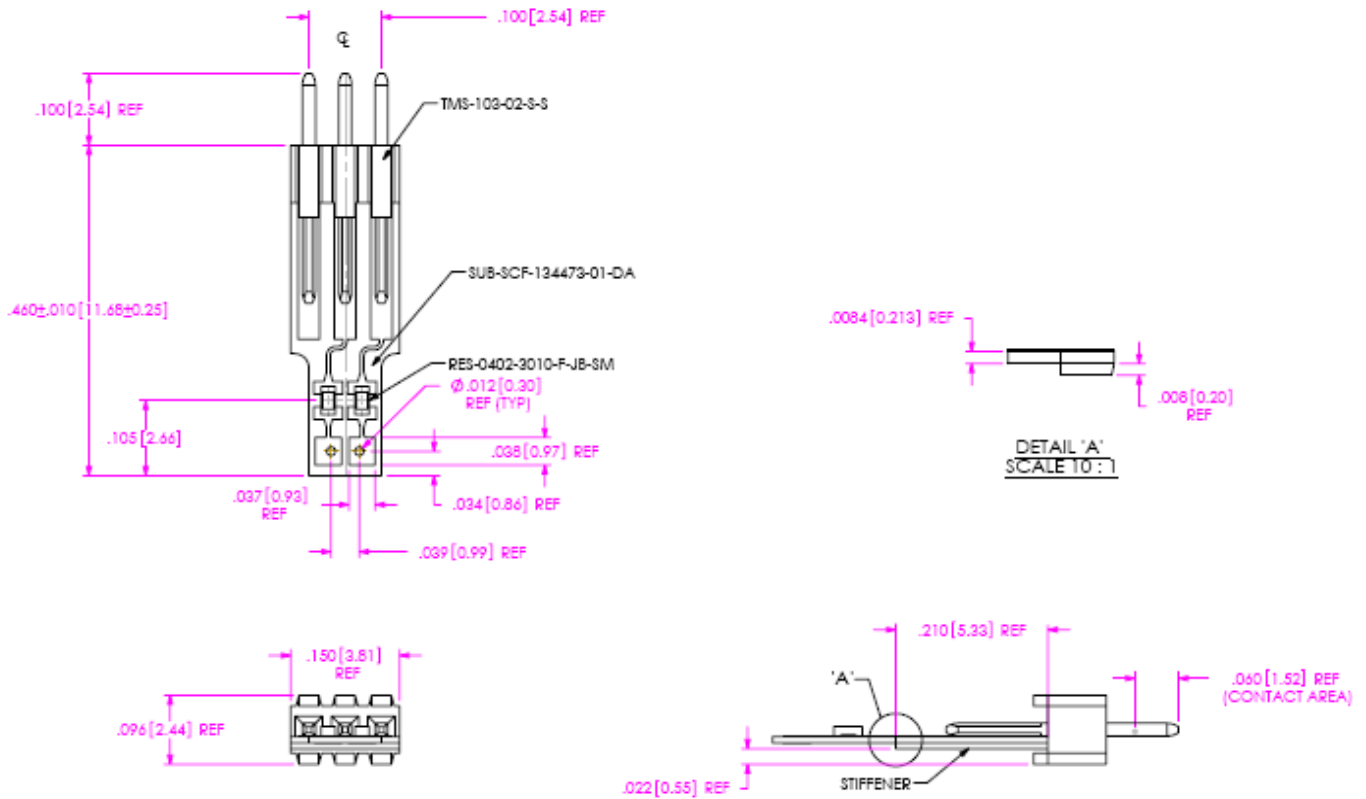


3. Connect the Spirit™ Flying Lead Probe to the Flex Tip



4. Connect the instrument end to the FuturePlus FS44xx High Speed Serial Analysis Probe

## Mechanical Dimensions of FlexTip



## Ordering Information

**FS1036.....Spirit™ Flying Lead Differential Probe Set**  
 (includes 20 ea Flex Tips; order additional as SCF-134473-01-DA from Samtec Corporation)

### FuturePlus Systems Corporation

P.O. Box 88155  
 Colorado Springs, CO 80918-8155 USA  
 Phone: 719 278 3540 – FAX 719 278-9586  
 Web: [www.futureplus.com](http://www.futureplus.com)

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