

(1.27 mm) .050"

YFT-20-05-H-05-SB

YFT-40-05-H-10-SB

YFT-20-05-H-08-SB

YFT SERIES

# LOW PROFILE OPEN-PIN-FIELD SOCKET

## SPECIFICATIONS

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

### Insulator Material:

Black Liquid Crystal  
Polymer

### Terminal Material:

Brass

### Operating Temp Range:

-55 °C to +125 °C

### Plating:

Au over 50 μ" (1.27 μm) Ni

### Working Voltage:

275 VAC when mated with YFS

### Mated Cycles:

200 with YFS

### RoHS Compliant:

No

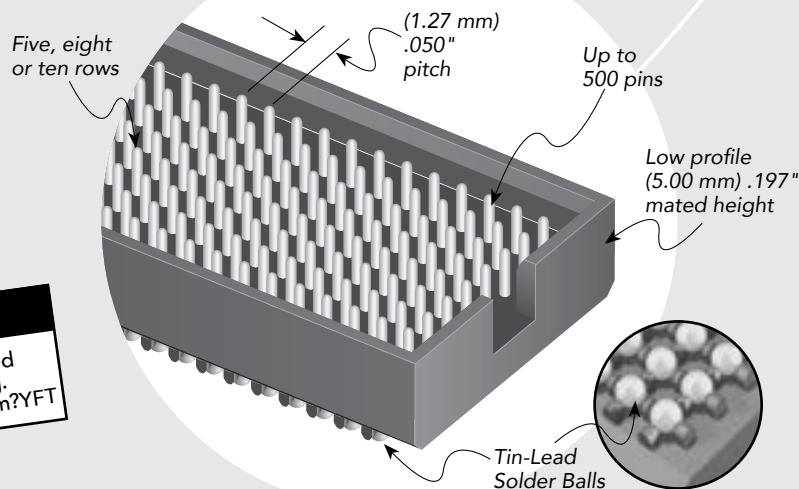
### Lead-Free Solderable:

No

Mates with:  
YFS

## TEST RESULTS

Passed 20 year mixed  
flowing gas testing.  
Go to: [www.samtec.com?YFT](http://www.samtec.com?YFT)

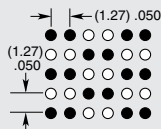


## RECOGNITIONS

For complete scope of  
recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



## DIFFERENTIAL APPLICATION



| ARRAY | PAIR COUNT |
|-------|------------|
| 50x10 | 125        |
| 40x10 | 100        |
| 30x10 | 75         |
| 20x10 | 50         |
| 20x8  | 40         |
| 20x5  | 25         |

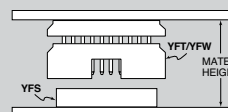
## ALSO AVAILABLE (MOQ REQUIRED)

- 30, 40 & 50 positions in 5 & 8 rows
- 3 & 6 rows
- Contact Samtec.

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

| TYPE            | NO. PINS PER ROW                                                  | 05 | PLATING OPTION                          | ROW OPTION                                                  | SB | OTHER OPTION                                                                                                                                                              |
|-----------------|-------------------------------------------------------------------|----|-----------------------------------------|-------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| YFT<br>= Header | -20<br>= -05, -08, and -10 row<br>-30, -40, -50<br>= -10 row only |    | -H<br>= 30 μ" (0.76 μm)<br>Gold on post | -05<br>= Five Row<br>-08<br>= Eight Row<br>-10<br>= Ten Row |    | -K<br>= Polyimide Film Pick & Place Pad<br>-TR<br>= Tape & Reel<br>-FR<br>= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) |

## STACK HEIGHTS



| HEADER/STACKER | MATED HEIGHT |
|----------------|--------------|
| YFT-05         | (5.00) .197  |
| YFW-07*        | (7.00) .276  |
| YFW-09*        | (9.00) .354  |
| YFW-12*        | (12.00) .472 |
| YFW-19*        | (19.00) .748 |
| YFW-25*        | (25.00) .984 |

Processing conditions will affect mated height.  
\* See YFW Series for specifications

