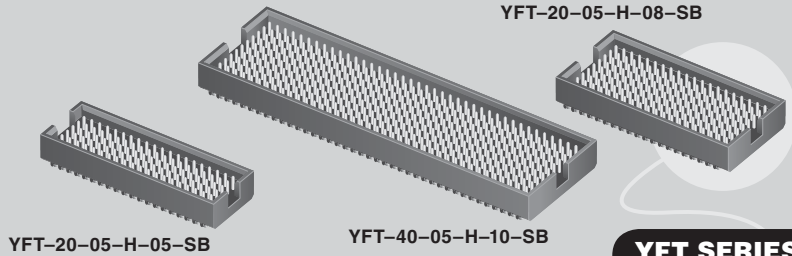


(1,27 mm) .050"



**YFT SERIES**

# LOW PROFILE OPEN PIN FIELD TERMINAL

## SPECIFICATIONS

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

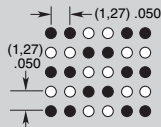
- Insulator Material:** Black Liquid Crystal Polymer
- Terminal Material:** Brass
- Operating Temp Range:** -55°C to +125°C
- Plating:** Au over 50µ" (1,27 µm) Ni
- Working Voltage:** 275 VAC when mated with YFS
- Mated Cycles:** 200 with YFS
- RoHS Compliant:** No
- Lead-Free Solderable:** No

## 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

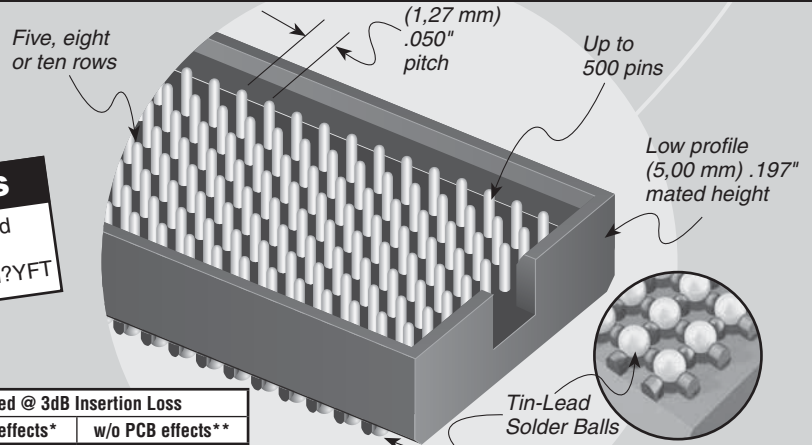
## ALSO AVAILABLE (MOQ Required)

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

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

Mates with: YFS

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

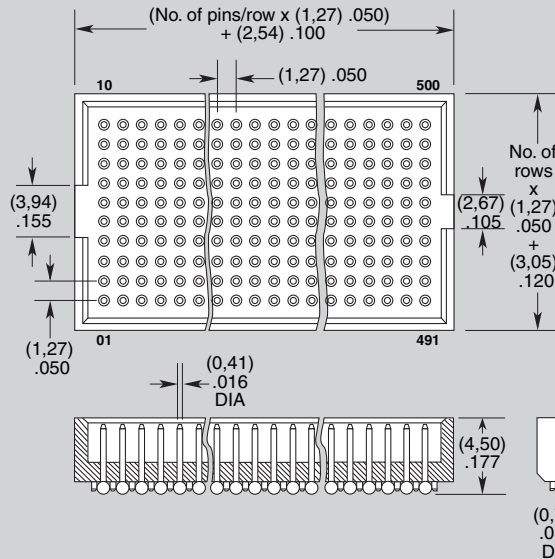


1,27 mm pitch YFS/YFT	Rated @ 3dB Insertion Loss	
	with PCB effects*	w/o PCB effects**
5 mm Stack Height		
Single-Ended Signaling	3.5 GHz / 7 Gbps	20 GHz / 40 Gbps
Differential Pair Signaling	9 GHz / 18 Gbps	20 GHz / 40 Gbps

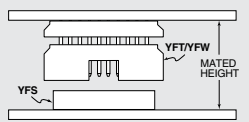
\*Performance data includes effects of a non-optimized PCB.  
\*\*Test board losses de-embedded from performance data.  
Performance data for other stack heights and complete test data available at [www.samtec.com?YFT](http://www.samtec.com?YFT) or contact [sig@samtec.com](mailto:sig@samtec.com)

**FinalInch** | 28+ Gbps  
CERTIFIED

<b>TYPE</b> YFT = Header	<b>NO. PINS PER ROW</b> -20 = -05, -08, and -10 row  -30, -40, -50 = -10 row only	<b>PLATING OPTION</b> -H = 30µ" (0,76 µm) Gold on post	<b>ROW OPTION</b> -05 = Five Row -08 = Eight Row -10 = Ten Row	<b>SB</b> -K = Polyimide Film Pick & Place Pad -TR = Tape & Reel
--------------------------------	--	---	---	--



## 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

Due to technical progress, all designs, specifications and components are subject to change without notice.

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:*

*Click to view products by [Samtec](#) manufacturer:*

Other Similar products are found below :

[10135583-642402LF](#) [89885-310LF](#) [589158040000018](#) [6-1393048-0](#) [68683-613](#) [MDF7-12DP-2.54DSA](#) [MDF7-18P-2.54DSA\(01\)](#) [MDF7-20DP-2.54DSA](#) [MDF7-26D-2.54DSA\(55\)](#) [MDF7-3P-2.54DSA\(01\)](#) [MDF7B-3P-2.54DSA\(55\)](#) [MDF7C-11P-2.54DSA\(55\)](#) [MDF7C-18P-2.54DSA\(55\)](#) [MDF7C-5P-2.54DSA\(01\)](#) [MDF7P-5P-2.54DSA\(55\)](#) [75234-0516](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-360C008-C](#) [FCN-360C040-C](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [93696-325LF](#) [11828-1FA](#) [AXK630345P](#) [18097-0013](#) [ICA-328STT](#) [2007042-2](#) [304400-2](#) [FCN-214Q030-G/0](#) [FCN-215Q040-G/0](#) [FCN-230C068-ESA](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [FCN-360A3](#) [FCN-360C040-B](#) [210-93-314-41-105000](#) [2-22603-0](#) [379-064-521-202](#) [MDF7-12P-2.54DSA\(01\)](#) [MDF7-16P-2.54DS\(56\)](#) [MDF7-40DP-2.54DSA\(55\)](#) [MDF7-8P-2.54DSA\(55\)](#) [MDF7B-16P-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#)