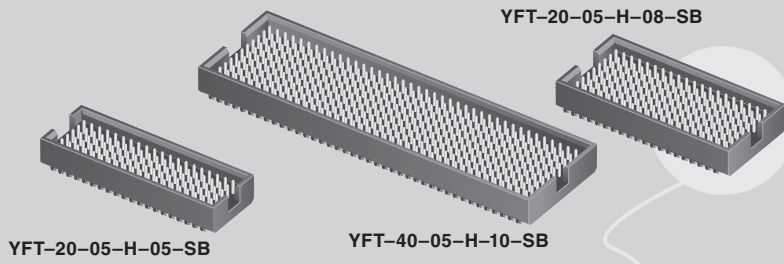




(1,27 mm) .050"

YFT SERIES



LOW PROFILE OPEN PIN FIELD TERMINAL

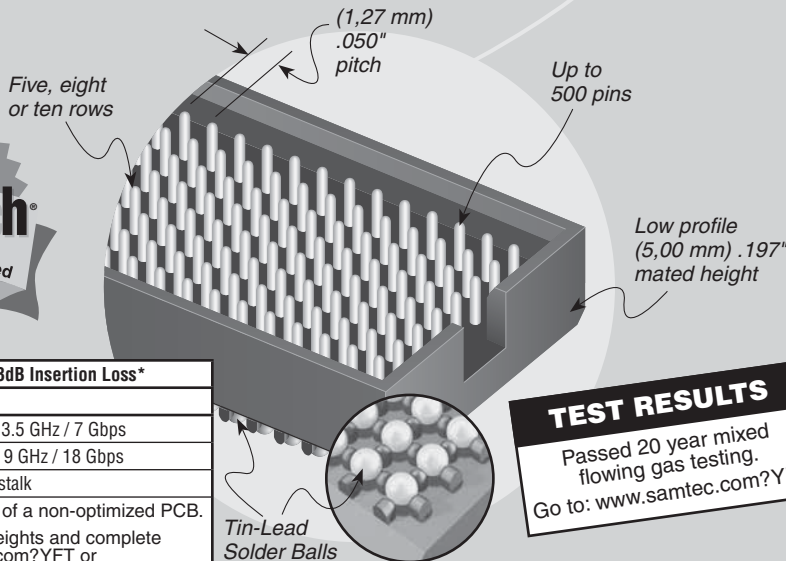
SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?YFT

Insulator Material: Black Liquid Crystal Polymer
Terminal Material: Brass
Current Rating: 2A per contact @ 80°C ambient
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



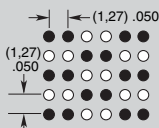
Mates with:
YFS



1,27 mm pitch YFS/YFT	Rated @ 3dB Insertion Loss*
5 mm Stack Height	
Single-Ended Signaling	3.5 GHz / 7 Gbps
Differential Pair Signaling	9 GHz / 18 Gbps
*Data based on ± 10% impedance/crosstalk	
*Performance data includes effects of a non-optimized PCB. Performance data for other stack heights and complete test data available at www.samtec.com?YFT or contact sig@samtec.com	

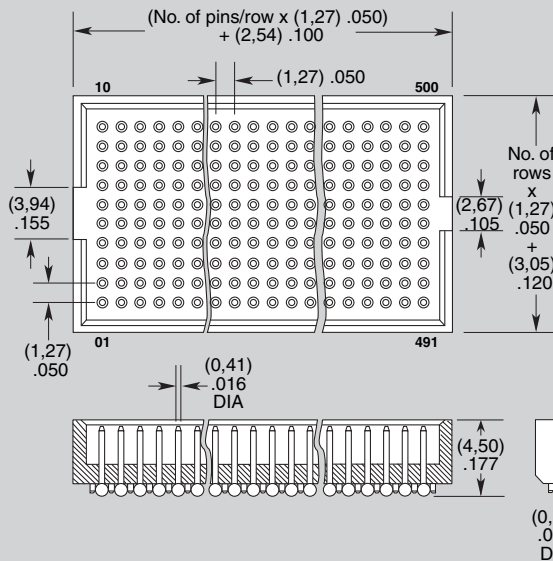
TEST RESULTS
 Passed 20 year mixed flowing gas testing.
 Go to: www.samtec.com?YFT

DIFFERENTIAL APPLICATION



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

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



APPLICATION SPECIFIC OPTION
 30, 40 & 50 positions also available in 5 & 8 rows. 3 & 6 rows also available. Call Samtec.

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

Note: Some sizes, 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