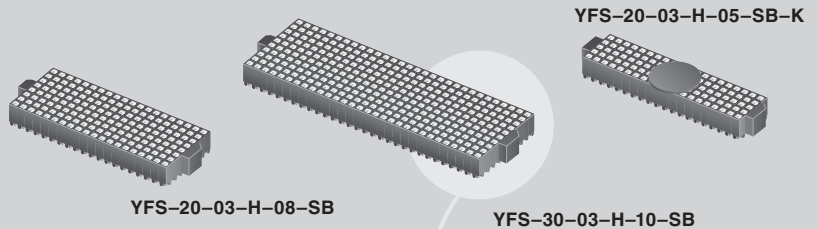




(1,27mm) .050"

YFS SERIES



LOW PROFILE OPEN PIN FIELD SOCKET

SPECIFICATIONS

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

- Insulator Material:** Black Liquid Crystal Polymer
- Contact Material:** Phosphor Bronze
- Plating:** Au over 50µ" (1,27µm) Ni
- Current Rating:** 2A @ 80°C ambient
- Operating Temp Range:** -55°C to +125°C
- Contact Resistance:** 10 mΩ max
- Working Voltage:** 275 VAC when mated with YFT
- Mated Cycles:** 200 with YFT
- RoHS Compliant:** No
- Lead-Free Solderable:** No



Mates with: YFT, YFW



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

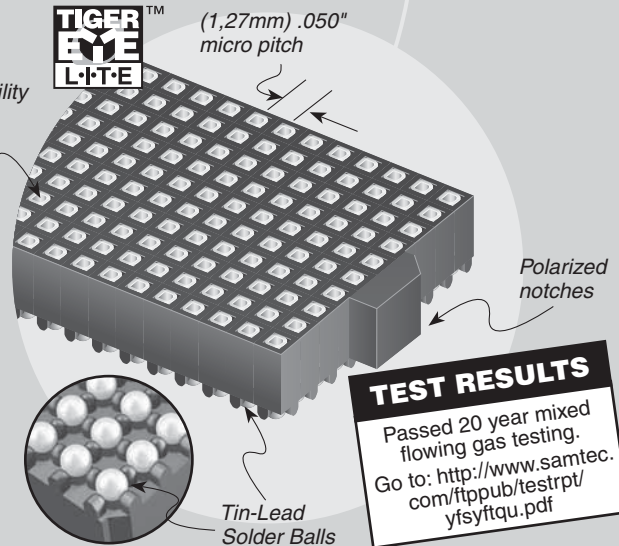
*Data based on Final Inch® simulations

Performance data for other stack heights and complete test data available at www.samtec.com?YFS or contact sig@samtec.com

High reliability Tiger Eye™ contacts



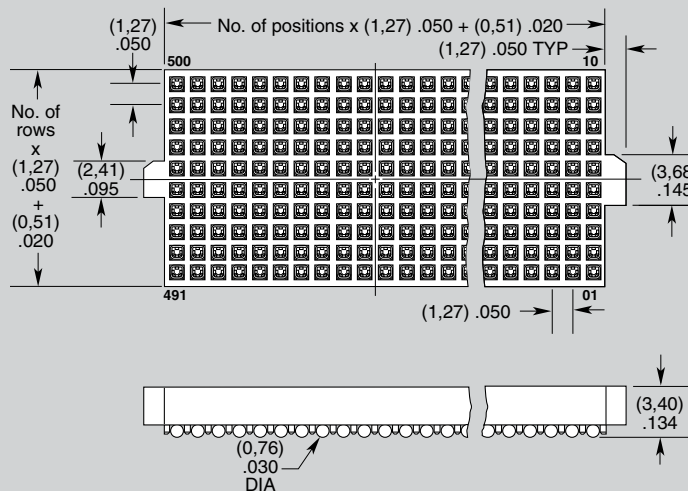
(1,27mm) .050" micro pitch



TEST RESULTS
Passed 20 year mixed flowing gas testing.
Go to: <http://www.samtec.com/ftp/pub/testrpt/yfsyftqu.pdf>



YFS	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	SB	OTHER OPTION
	-20 = -05, -08, and -10 row	-03 = Standard Insertion Force	-H = 30µ" (0,76µm) Gold on contact area	-05 = Five Row		-K = Polyimide film Pick & Place Pad
	-30, -40, -50 = -10 row only	-L3 = Low Insertion Force		-08 = Eight Row		-TR = Tape & Reel
				-10 = Ten Row		



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

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.

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