

(1.27 mm) .050"

**YFS SERIES**

# LOW-PROFILE OPEN-PIN-FIELD SOCKET

## SPECIFICATIONS

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

- Insulator Material:**  
Black Liquid Crystal Polymer
- Contact Material:**  
Phosphor Bronze
- Plating:**  
Au over 50 μ" (1.27 μm) Ni
- Operating Temp Range:**  
-55 °C to +125 °C
- Working Voltage:**  
275 VAC when mated with YFT
- Mated Cycles:**  
200 with YFT
- RoHS Compliant:**  
No
- Lead-Free Solderable:**  
No

## RECOGNITIONS

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

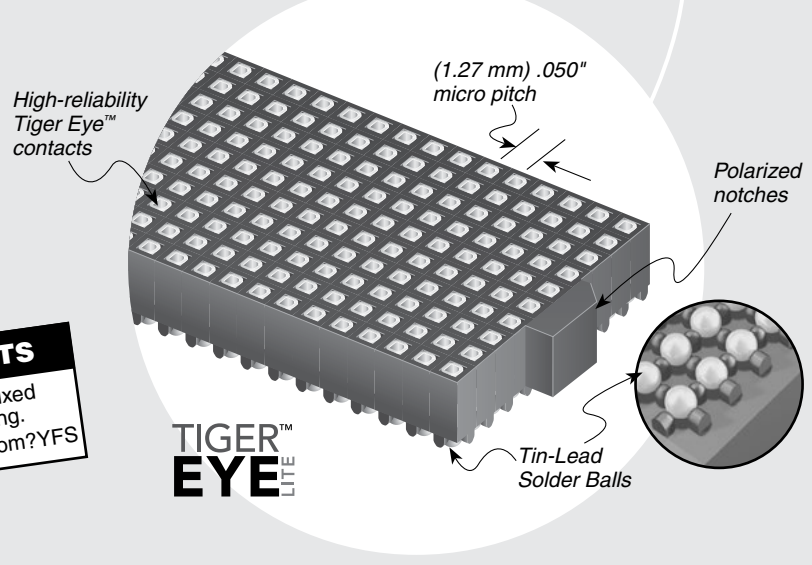


## ALSO AVAILABLE (MOQ Required)

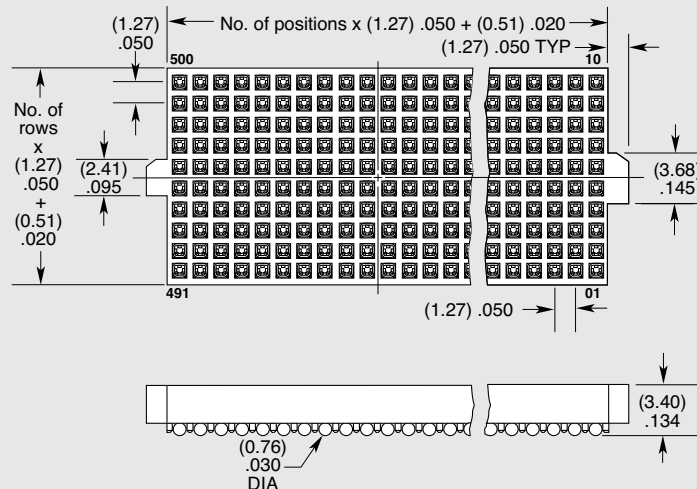
- 30, 40 & 50 positions in 5 & 8 rows
- 3 & 6 rows

Mates with:  
YFT, YFW

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



YFS	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	SB	OPTION	PACKAGING
	<b>-20</b> = -05, -08, and -10 row	<b>-03</b> = Standard Insertion Force	<b>-H</b> = 30 μ" (0.76 μm) Gold on contact area	<b>-05</b> = Five Row <b>-08</b> = Eight Row <b>-10</b> = Ten Row		<b>-K</b> = Polyimide Film Pick & Place Pad	Leave blank for tray packaging <b>-TR</b> = Tape & Reel <b>-FR</b> = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)
	<b>-30, -40, -50</b> = -10 row only	<b>-L3</b> = Low Insertion Force					



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

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