

(1.27 mm) .050"

YFS-20-03-H-05-SB-K

YFS-20-03-H-08-SB

YFS-30-03-H-10-SB

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  $\mu$ " (1.27  $\mu$ m) 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 (CONTACT SAMTEC)

- 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)

High-reliability  
Tiger Eye™  
contacts

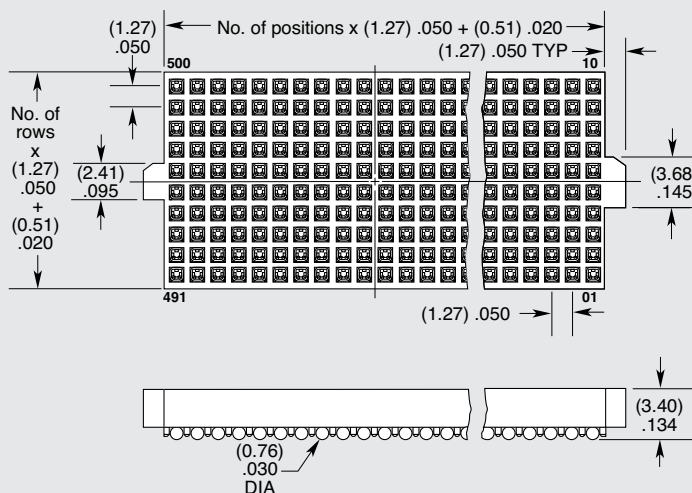
(1.27 mm) .050"  
micro pitch

Polarized  
notches

TIGER  
EYE  
LITE

Tin-Lead  
Solder Balls

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 $\mu$ " (0.76 $\mu$ m) Gold on contact area	<b>-05</b> =Five Row		<b>-K</b> =Polyimide Film Pick & Place Pad	Leave blank for tray packaging
	<b>-30, -40, -50</b> = -10 row only	<b>-L3</b> =Low Insertion Force		<b>-08</b> =Eight Row			<b>-TR</b> =Tape & Reel
				<b>-10</b> =Ten Row			<b>-FR</b> = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)



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