

(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

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Au over 50 μ " (1.27 μ 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



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

High-reliability
Tiger Eye™
contacts

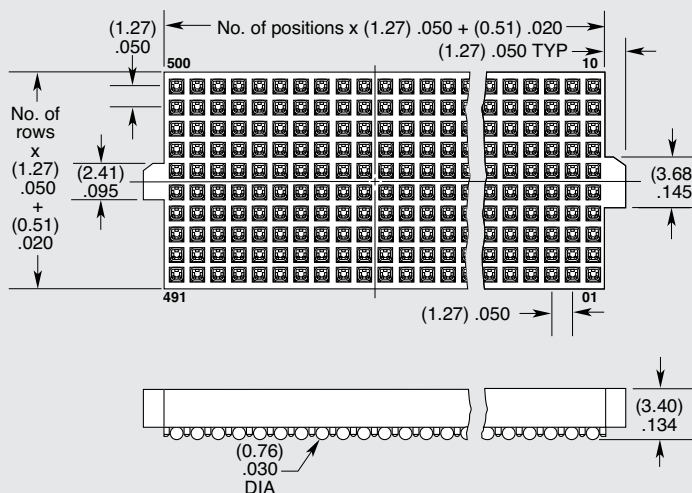
(1.27 mm) .050"
micro pitch

Polarized
notches

TIGER
EYE
LITE

Tin-Lead
Solder Balls

YFS	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	SB	OPTION	PACKAGING
	-20 = -05, -08, and -10 row	-03 =Standard Insertion Force	-H =30 μ " (0.76 μ m) Gold on contact area	-05 =Five Row		-K =Polyimide Film Pick & Place Pad	Leave blank for tray packaging
	-30, -40, -50 = -10 row only	-L3 =Low Insertion Force		-08 =Eight Row			-TR =Tape & Reel
				-10 =Ten Row			-FR = 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.

WWW.SAMTEC.COM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.