

(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

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

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

RECOGNITIONS

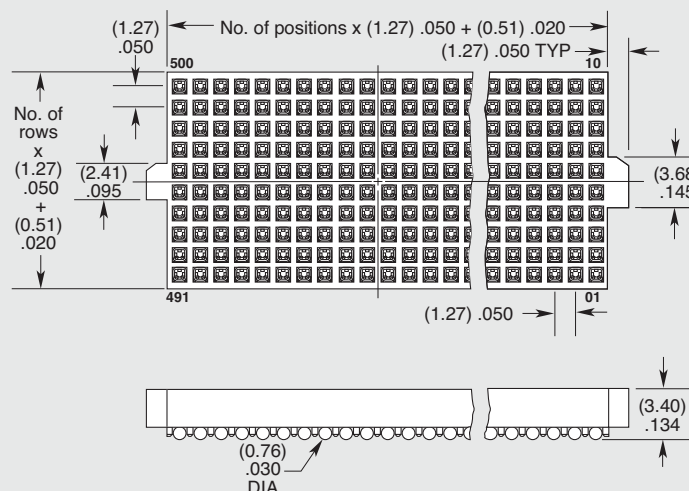
For complete scope of
recognitions see
www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

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

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 = 30 μ " (0.76 μ m) 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		



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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[YFS-50-L3-H-10-SB](#) [YFS-20-L3-H-05-SB-K](#) [YFS-20-03-H-10-SB-K-TR](#) [YFS-30-03-H-10-SB-K-TR](#) [YFS-40-03-H-10-SB-K](#) [YFS-20-03-G-08-SB](#) [YFS-20-03-H-10-SB-TR](#) [YFS-20-03-E-05-SB](#) [YFS-20-03-E-05-SB-K-TR](#) [YFS-20-03-H-06-SB-K-TR](#) [YFS-30-03-G-08-SB](#) [YFS-30-03-H-05-SB](#) [YFS-50-03-H-05-SB](#) [YFS-50-03-H-05-SB-K](#) [YFS-20-03-G-10-SB-K-TR](#) [YFS-30-03-E-08-SB](#) [YFS-30-03-H-08-SB](#) [YFS-30-03-H-08-SB-K-TR](#) [YFS-50-03-H-08-SB](#) [YFS-50-03-H-08-SB-TR](#) [YFS-30-03-E-08-SB-K-TR](#) [YFS-30-03-H-08-SB-K](#) [YFS-40-03-E-05-SB-K-TR](#) [YFS-40-03-H-08-SB-K](#) [YFS-120-03-H-05-SB](#) [YFS-20-03-E-08-SB-K-TR](#) [YFS-20-03-E-10-SB-K-TR](#) [YFS-20-03-G-08-SB-K](#) [YFS-20-03-G-10-SB-K](#) [YFS-40-03-E-08-SB-K-TR](#) [YFS-20-03-H-08-SB](#) [YFS-40-03-E-08-SB](#) [YFS-40-03-E-10-SB-K](#) [YFS-40-03-H-08-SB](#) [YFS-20-03-G-05-SB](#) [YFS-20-03-G-05-SB-K-TR](#) [YFS-20-03-H-10-SB-K](#) [YFS-30-03-E-05-SB](#) [YFS-30-03-E-05-SB-K-TR](#) [YFS-30-03-H-10-SB](#) [YFS-30-03-H-10-SB-K](#) [YFS-50-03-H-10-SB-K-TR](#) [YFS-120-03-G-05-SB](#) [YFS-130-03-G-08-SB](#) [YFS-20-03-E-08-SB](#) [YFS-20-03-E-10-SB](#) [YFS-20-03-G-08-SB-K-TR](#) [YFS-20-03-H-10-SB](#) [YFS-30-03-E-10-SB](#) [YFS-40-03-E-05-SB](#) [YFS-40-03-H-05-SB-K](#) [YFS-50-03-E-08-SB](#) [YFS-50-03-G-05-SB-TR](#) [YFS-50-03-H-10-SB-K](#) [YFS-20-03-G-05-SB-K](#) [YFS-30-03-H-10-SB-TR](#) [YFS-40-03-H-08-SB-K-TR](#) [YFS-40-03-H-10-SB-K-TR](#) [YFS-50-03-H-10-SB-TR](#) [YFS-20-03-E-05-SB-K](#) [YFS-20-03-E-06-SB-K-TR](#) [YFS-40-03-E-10-SB-K-TR](#) [YFS-40-03-G-10-SB-K-TR](#) [YFS-50-03-G-10-SB-K-TR](#) [YFS-130-03-G-10-SB](#) [YFS-20-03-H-08-SB-TR](#) [YFS-30-03-G-05-SB-K-TR](#) [YFS-30-03-H-05-SB-TR](#) [YFS-40-03-H-05-SB-K-TR](#) [YFS-40-03-H-10-SB-TR](#) [YFS-50-03-E-08-SB-K-TR](#) [YFS-50-03-H-08-SB-K](#) [YFS-50-03-H-10-SB](#) [YFS-20-03-E-06-SB](#) [YFS-20-03-H-05-SB-TR](#) [YFS-20-03-H-06-SB](#) [YFS-30-03-H-05-SB-K](#) [YFS-40-03-G-10-SB](#) [YFS-50-03-H-05-SB-K-TR](#) [YFS-40-03-H-08-SB-TR](#) [YFS-50-03-E-05-SB-K-TR](#) [YFS-20-03-H-03-SB-TR](#) [YFS-30-03-G-10-SB](#) [YFS-50-03-G-10-SB](#) [YFS-50-03-G-05-SB](#) [YFS-50-03-G-08-SB](#) [YFS-40-03-G-08-SB-K-TR](#) [YFS-40-03-G-05-SB](#) [YFS-40-03-G-08-SB](#) [YFS-40-03-H-05-SB-TR](#) [YFS-30-03-G-05-SB](#) [YFS-30-03-G-05-SB-K](#) [YFS-30-03-H-08-SB-TR](#) [YFS-40-03-E-05-SB-K](#) [YFS-20-L3-H-10-SB](#) [YFS-20-L3-H-10-SB-K-TR](#) [YFS-30-L3-H-05-SB](#) [YFS-30-L3-H-05-SB-K-TR](#) [YFS-40-L3-H-10-SB](#) [YFS-30-L3-H-05-SB-K](#)