

(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

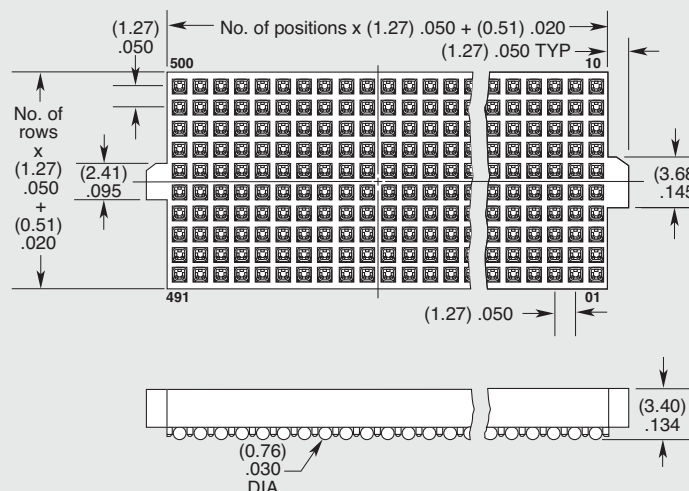
For complete scope of recognitions see www.samtec.com/quality



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