

(1.27 mm) .050"

YFW-30-25-H-10-SB

YFW-20-07-H-10-SB

YFW-20-07-H-05-SB

YFW SERIES

# ELEVATED OPEN-PIN-FIELD STACKER

## SPECIFICATIONS

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

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Brass

**Operating Temp Range:**  
-55 °C to +125 °C

**Plating:**  
Au over 50 μ" (1.27 μm) Ni  
**RoHS Compliant:**  
No

**Lead-Free Solderable:**  
No

## RECOGNITIONS

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



**Mates with:**  
YFS

Five, eight  
or ten rows

(1.27 mm)  
.050"  
pitch

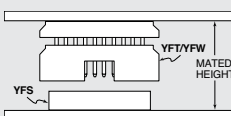
Polarized

Choice of  
board stack  
heights

Tin-Lead  
Solder Balls

| TYPE                    | NO. PINS PER ROW          | LEAD STYLE                                  | PLATING OPTION                                 | ROW OPTION                                                                                                                 | SB | OPTION                                                                 | PACKAGING                                                                                                                                                                                                                                                                                                |
|-------------------------|---------------------------|---------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>YFW</b><br>= Stacker | <b>-20, -30, -40, -50</b> | <b>Specify LEAD STYLE FROM chart below.</b> | <b>-H</b><br>= 30 μ" (0.76 μm)<br>Gold on post | <b>-05</b><br>= Five Row<br><br><b>-08</b><br>= Eight Row (Lead styles -07, -09 & -12 only)<br><br><b>-10</b><br>= Ten Row |    | <b>-K</b><br>= Polyimide Film Pick & Place Pad (-07, -09 and -12 only) | Leave blank for tube packaging<br><br><b>-TR</b><br>= Tape & Reel (-07, -09 & -12 only)<br>Style -12 50 x 10 not available<br><br><b>-FR</b><br>= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-07, -09 & -12 only)<br>Style -12 50 x 10 not available |

## STACK HEIGHTS

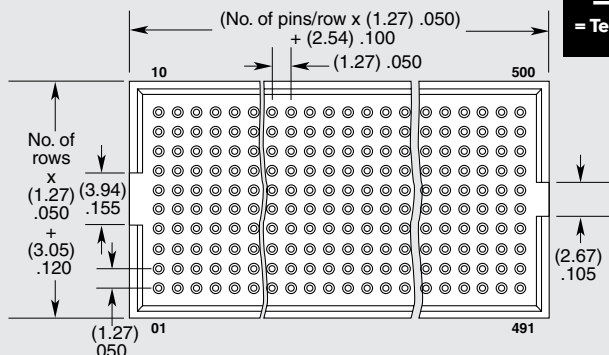


| HEADER/STACKER | MATED HEIGHT |
|----------------|--------------|
| <b>YFT-05</b>  | (5.00) .197  |
| <b>YFW-07*</b> | (7.00) .276  |
| <b>YFW-09*</b> | (9.00) .354  |
| <b>YFW-12*</b> | (12.00) .472 |
| <b>YFW-19*</b> | (19.00) .748 |
| <b>YFW-25*</b> | (25.00) .984 |

Processing conditions will affect mated height.

\* See YFT Series for specifications

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



| LEAD STYLE | A            |
|------------|--------------|
| <b>-07</b> | (6.65) .262  |
| <b>-09</b> | (8.64) .340  |
| <b>-12</b> | (11.63) .458 |
| <b>-19</b> | (18.62) .733 |
| <b>-25</b> | (24.61) .969 |

