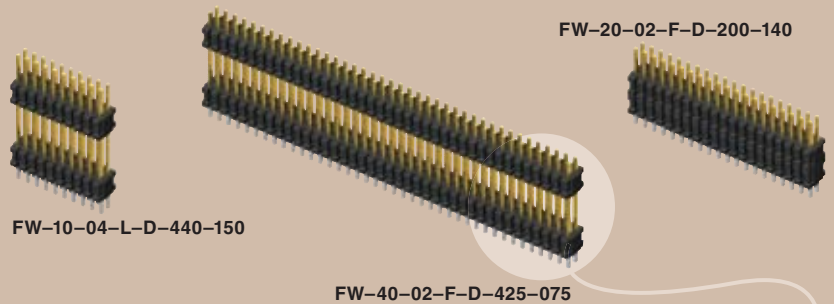




(1,27mm) .050"

FW SERIES



# THROUGH-HOLE MICRO BOARD STACKER

## SPECIFICATIONS

For complete specifications see [www.samtec.com?FW-TH](http://www.samtec.com?FW-TH)

**Insulator Material:**

Black Liquid Crystal Polymer

**Terminal Material:**

Phosphor Bronze

**Plating:**

Sn or Au over 50µ" (1,27µm) Ni

**Current Rating:**

1.75A @ 80°C ambient

**Operating Temp Range:**

-55°C to +125°C

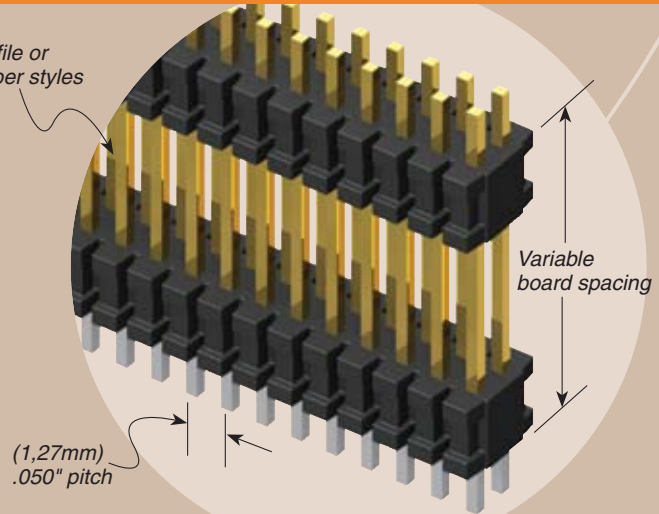
**RoHS Compliant:**

Yes



Mates with:  
CLP, FFSD, FLE

Low profile or skyscraper styles



## ALSO AVAILABLE

- Smaller stack heights. Call Samtec.

Note: This Series is non-standard, non-returnable.

**Processing:**  
Lead-Free Solderable:  
Yes



[www.samtec.com](http://www.samtec.com)

| FW | NO. PINS PER ROW | LEAD STYLE                    | PLATING OPTION  | D | STACKER HEIGHT  | POST HEIGHT  | OPTION   |
|----|------------------|-------------------------------|---|---|---|--|--|
|    | 02 thru 50       | Specify LEAD STYLE from chart | -F = Gold flash on post, Matte Tin on tail<br>-L = 10µ" (0,25µm) Gold on post, Matte Tin on tail<br>-G = 10µ" (0,25µm) Gold on post, Gold flash on tail |   | -"XXX"<br>= Stacker Height (in inches)<br>Example:<br>-250 = (6,35mm) .250" | -"XXX"<br>= Post Height (in inches)<br>(1,65mm) .065" minimum<br>Example:<br>-065 = (1,65mm) .065" | -ES = End Shroud (-075 post height only. Mates only with CLP.) (5,46mm) .215" to (15,49mm) .610" stacker height only, 9 pins/row minimum<br>-EP = End Shroud with Guide Post (-075 post height only. Mates only with CLP.) (5,46mm) .215" to (15,49mm) .610" stacker height only, 9 pins/row minimum |

| LEAD STYLE | TAIL (B)    |
|------------|-------------|
| -01        | (1,14) .045 |
| -02        | (1,91) .075 |
| -04        | (2,29) .090 |

Technical drawings include:  
 - Pin pitch: (1,27) .050  
 - Lead style dimensions: (0,21) .016 SQ, (2,51) .099  
 - Stacker height: (5,08) .200 MIN  
 - Post height: (1,65) .065 MIN  
 - End shroud dimensions: (4,76) .188, (3,05) .120, (1,91) .075 DIA

Due to technical progress, all designs, specifications and components are subject to change without notice.

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