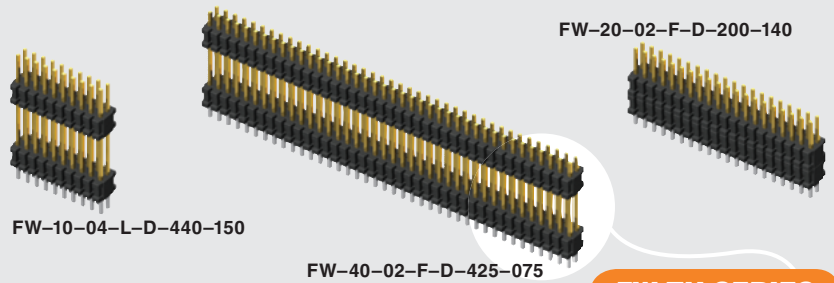




(1,27 mm) .050"



FW-TH 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" (1,27 µm) Ni  
**Operating Temp Range:**  
-55°C to +125°C  
**RoHS Compliant:**  
Yes

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

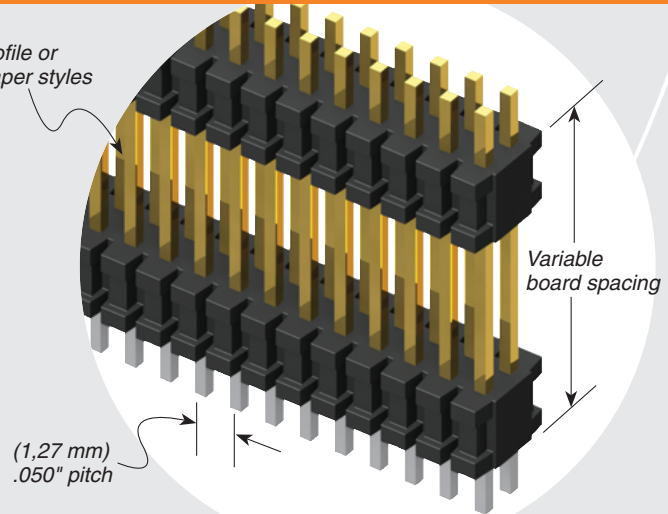
## RECOGNITIONS

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



Mates with:  
CLP, FFSD, FLE

Low profile or skyscraper styles



## ALSO AVAILABLE (MOQ Required)

- Smaller stack heights
- Contact Samtec.

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 -L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail -G = 10µ" (0,25 µm) Gold on post, Gold flash on tail		-"XXX" = Stacker Height (in inches) Example: -250 = (6,35 mm) .250"	-"XXX" = Post Height (in inches) (1,65 mm) .065" minimum Example: -065 = (1,65 mm) .065"	-ES = End Shroud (-075 post height only. Mates only with CLP.) (5,46 mm) .215" to (15,49 mm) .610" stacker height only, 9 pins/row minimum -EP = End Shroud with Guide Post (-075 post height only. Mates only with CLP.) (5,46 mm) .215" to (15,49 mm) .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:  
 - Top view showing No. of positions x (1,27) .050, with dimensions (0,41) .016 SQ, (1,27) .050, (3,42) .135, and (2,51) .099.  
 - Side view showing POST HEIGHT (1,65) .065 MIN, STACKER HEIGHT (5,08) .200 MIN, and MAX OVERALL LENGTH (20,32) .800.  
 - Detail views for -ES (End Shroud) with dimensions (4,76) .188 and (4,27) .168.  
 - Detail view for -EP (End Shroud with Guide Post) with dimensions (3,05) .120 and (1,91) .075 DIA.

**Note:** For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact [ipg@samtec.com](mailto:ipg@samtec.com) for more information.

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