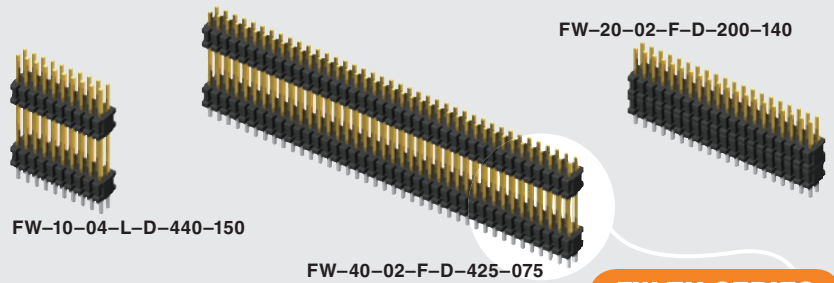




(1,27 mm) .050"



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

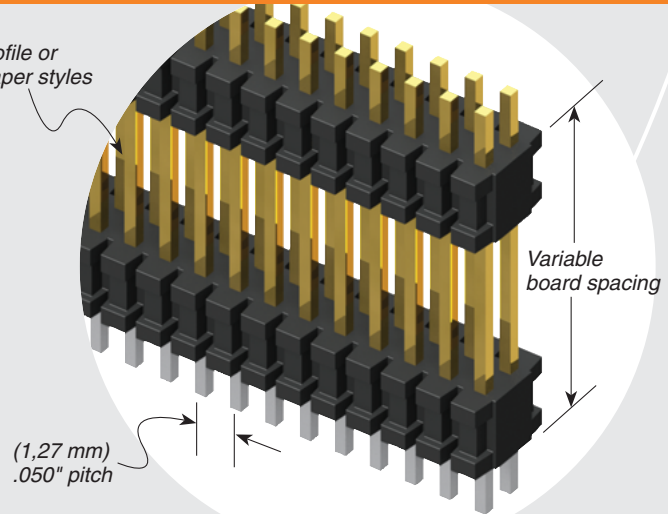
## RECOGNITIONS

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, and (3,42) .135.  
 - 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 (Post Height: (4,76) .188, (4,27) .168) and -EP (Post Height: (3,05) .120, (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.

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