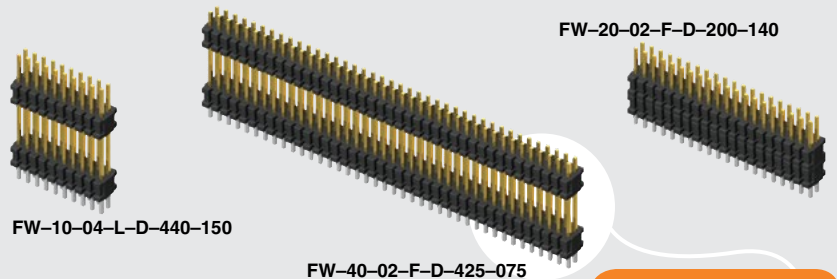




FLEX STACK



FW-TH SERIES

(1.27 mm) .050"

THROUGH-HOLE MICRO BOARD STACKER

SPECIFICATIONS

For complete specifications see www.samtec.com?FW-TH

- Insulator Material:** Black Liquid Crystal Polymer
- Terminal Material:** Phosphor Bronze
- Plating:** Sn or Au over 50 μ" (1.27 μm) Ni
- Operating Temp Range:** -55 °C to +125 °C
- RoHS Compliant:** Yes

PROCESSING

Lead-Free Solderable: Yes

RECOGNITIONS

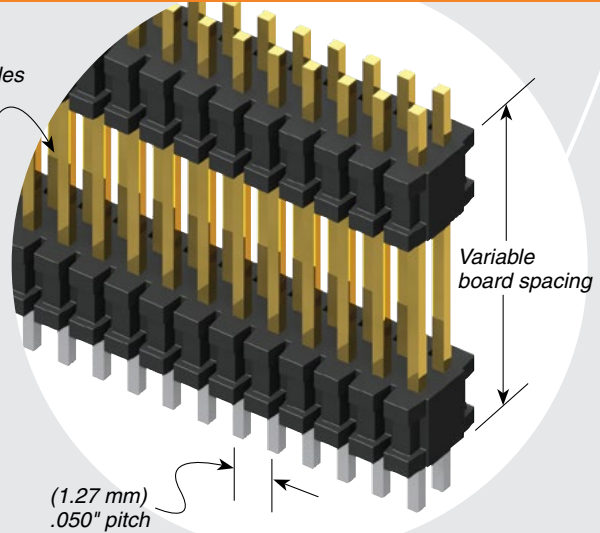
For complete scope of recognitions see www.samtec.com/quality



Board Mates: CLP, FLE

Cable Mates: FFSD

Low-profile or skyscraper styles



HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

4 Gbps

ALSO AVAILABLE (MOQ Required)

- Smaller stack heights

| 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 = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail -G = 10 μ" (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.
 - End shroud options -ES and -EP with dimensions (4.76) .188, (4.27) .168, (3.05) .120, and (1.91) .075 DIA.

Notes: For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

This Series is 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. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

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