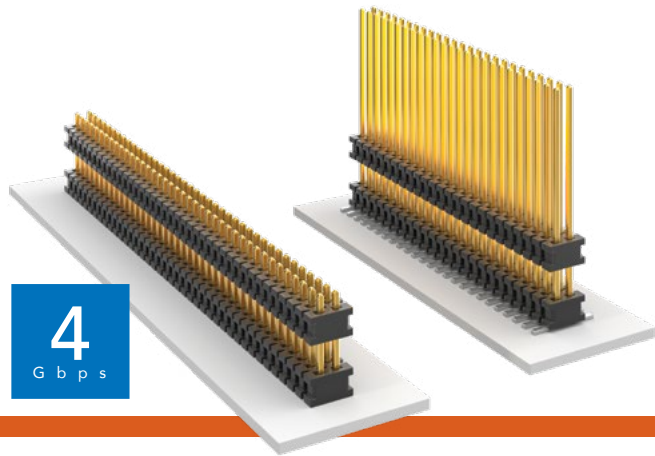


FLEX STACK

MICRO BOARD STACKER

(1.27 mm) .050" PITCH • FW SERIES



FW

Board Mates:

CLP, FLE

Cable Mates:

FFSD

SPECIFICATIONS

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

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-30)

(0.15 mm) .006" max (31-50)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

MATED HEIGHT

FW LEAD STYLE	CLP LEAD STYLE	MATED HEIGHT*
FW-XX-03-X-X-233-065	-02	8.13 mm) .329"
FW-XX-03-X-X-303-065		9.91 mm) .390"

*Processing conditions will affect mated height.

ALSO AVAILABLE

Smaller stack heights
(MOQ Required)

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.

FW	NO. OF PINS PER ROW	LEAD STYLE	PLATING OPTION	D	STACKER HEIGHT	POST HEIGHT	OPTION
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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. Mate only with CLP) (5.46 mm) .215" to (15.49 mm) .610" stacker height only 9 pins/row min.

-EP
= End Shroud with Guide Post (-075 post height only. Mate only with CLP) (5.46 mm) .215" to (15.49 mm) .610" stacker height only 9 pins/row min.

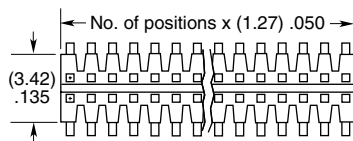
-A
= Alignment Pin (3 positions min.) (5.46 mm) .215" to (15.75 mm) .620" stacker height only (SMT only)

-P
= Pick & Place Pad (5 positions min.) (SMT only)

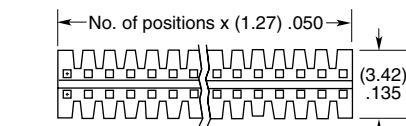
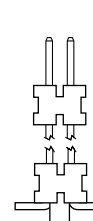
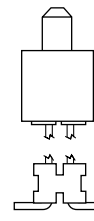
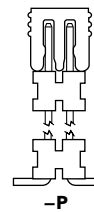
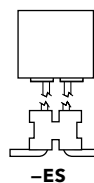
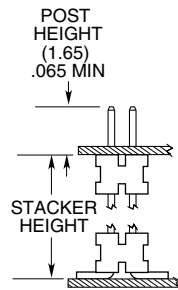
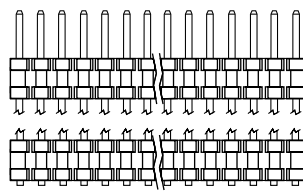
-TR
= Tape & Reel (Max overall height = Post+Stacker Height+Pad+Alignment Pin = (17.78) .700") (SMT only)

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (SMT only)

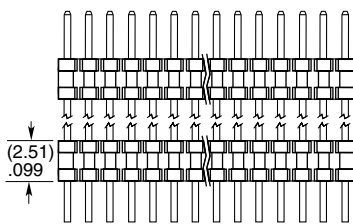
LEAD STYLE	STACKER HEIGHT	STACKER + POST
-03	(5.46) to (8.51) .215 to .335	(7.11) to (10.16) .280 to .400
-05	(8.64) to (15.49) .340 to .610	(10.29) to (17.15) .405 to .675



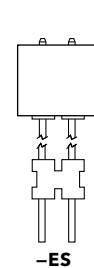
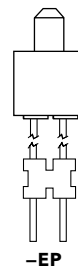
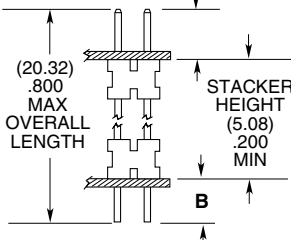
SURFACE MOUNT



THROUGH-HOLE



POST HEIGHT (1.65) .065 MIN



LEAD STYLE	TAIL (B)
-01	(1.14) .045
-02	(1.91) .075
-04	(2.29) .090

Mouser Electronics

Authorized Distributor

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

Samtec:

[FW-06-03-F-D-228-080-A](#) [FW-04-05-F-D-433-157-A-TR](#) [FW-02-05-L-D-374-098](#) [FW-03-05-F-D-411-157-A-TR](#) [FW-06-03-L-D-215-122](#) [FW-03-05-F-D-490-065-A](#) [FW-07-03-F-D-264-118-P-TR](#) [FW-03-03-L-D-215-065](#) [FW-05-03-L-D-225-065](#) [FW-02-05-F-D-462-079-TR](#) [FW-05-03-L-D-215-160](#) [FW-05-05-F-D-410-150-A-P-TR](#) [FW-05-05-F-D-464-075](#) [FW-04-03-G-D-220-100](#) [FW-04-03-L-D-263-130-A](#) [FW-04-03-L-D-215-122-A](#) [FW-05-05-F-D-490-160](#) [FW-05-03-L-D-285-065-P-TR](#) [FW-03-03-F-D-236-100](#) [FW-02-05-G-D-340-138](#) [FW-05-05-F-D-400-275-P](#) [FW-02-05-G-D-510-165](#) [FW-04-03-G-D-270-130-A-TR](#) [FW-04-05-F-D-305-120](#) [FW-06-03-F-D-228-150-A](#) [FW-03-05-F-D-405-065](#) [FW-05-05-L-D-485-075-A](#) [FW-05-03-F-D-225-065-A](#) [FW-05-05-G-D-340-100](#) [FW-05-03-F-D-260-125-A](#) [FW-03-05-F-D-524-119-A](#) [FW-05-03-F-D-220-170-A-P-TR](#) [FW-04-05-L-D-470-065](#) [FW-06-03-F-D-306-065](#) [FW-02-05-F-D-435-095](#) [FW-06-03-F-D-306-065-P-TR](#) [FW-04-03-L-D-215-122](#) [FW-03-05-G-D-400-065](#) [FW-06-03-F-D-265-065-A](#) [FW-03-05-F-D-450-157-A-TR](#) [FW-04-05-L-D-410-100](#) [FW-05-03-G-D-163-075-P-TR](#) [FW-05-05-F-D-450-100](#) [FW-04-05-F-D-462-079-TR](#) [FW-05-05-LM-D-325-155-A-P-TR](#) [FW-05-03-G-D-163-075](#) [FW-05-03-G-D-215-165-P-TR](#) [FW-04-05-L-D-530-100](#) [FW-05-05-G-D-340-100-P-TR](#) [FW-05-05-G-D-465-138](#) [FW-05-03-F-D-248-152-A-P-TR](#) [FW-03-03-F-D-236-100-TR](#) [FW-05-03-G-D-260-140](#) [FW-05-05-G-D-420-130-P-TR](#) [FW-03-03-L-D-220-065-A](#) [FW-20-03-L-D-307-065-A](#) [FW-17-05-L-D-410-160-A](#) [FW-20-05-L-D-314-150-A-P-TR](#) [FW-25-03-G-D-250-150](#) [FW-20-03-L-D-163-065](#) [FW-13-03-L-D-200-075](#) [FW-20-05-F-D-352-150-A-P-TR](#) [FW-03-05-H-D-400-205-A](#) [FW-18-03-G-D-275-090-A-P-TR](#) [FW-05-05-L-D-437-238-A-P-TR](#) [FW-10-05-L-D-525-150-A](#) [FW-10-05-L-D-563-087-P](#) [FW-15-05-F-D-505-075-ES-A](#) [FW-14-03-F-D-280-075-P-TR](#) [FW-10-03-L-D-228-172-P-TR](#) [FW-06-05-G-D-320-100](#) [FW-15-03-L-D-215-075-A](#) [FW-15-05-G-D-403-075-ES-A-P-TR](#) [FW-10-05-S-D-300-200-A-P](#) [FW-07-05-G-D-463-075](#) [FW-07-05-G-D-384-065-A-P](#) [FW-03-05-G-D-255-217-A](#) [FW-04-05-G-D-255-217-A](#) [FW-16-05-F-D-411-157-A-P-TR](#) [FW-12-05-F-D-527-124-P](#) [FW-03-03-L-D-245-065-A](#) [FW-05-03-G-D-125-230](#) [FW-15-03-S-D-215-140-A](#) [FW-11-03-F-D-335-065-P-TR](#) [FW-11-03-G-D-200-200-P-TR](#) [FW-11-03-L-D-215-065-P](#) [FW-10-03-L-D-170-110](#) [FW-10-03-L-D-200-160](#) [FW-10-03-L-D-205-155-P](#) [FW-10-03-L-D-255-075](#) [FW-10-05-G-D-610-065](#) [FW-11-05-G-D-555-110](#) [FW-12-03-L-D-233-075-A](#) [FW-12-05-L-D-360-145](#) [FW-12-05-L-D-385-065-P](#) [FW-12-05-L-D-525-150](#) [FW-03-03-F-D-165-075](#) [FW-03-03-G-D-255-065-TR](#) [FW-03-03-L-D-110-065](#) [FW-04-03-L-D-245-065](#)