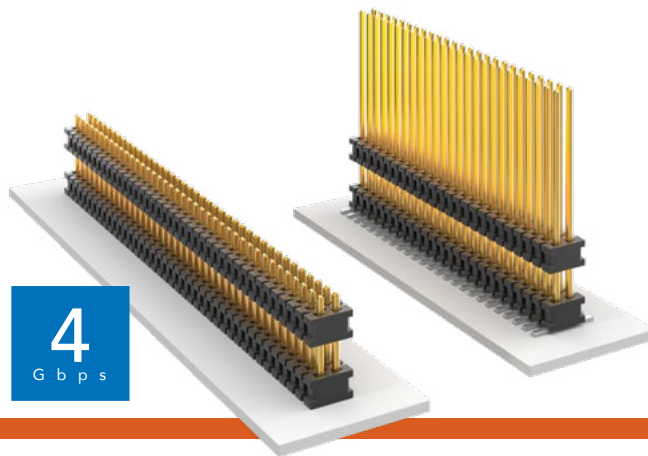


MICRO BOARD STACKER

(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 μ m) 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)

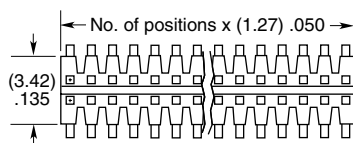
Notes:

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.

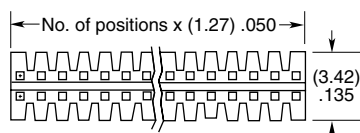
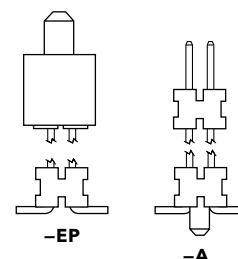
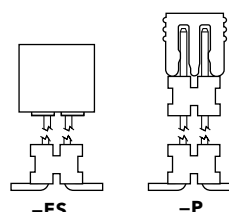
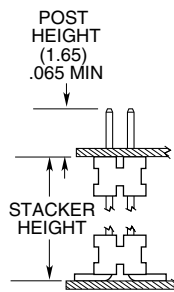
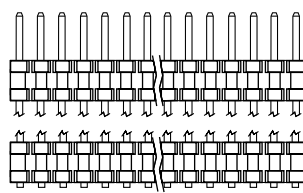
This Series is non-standard, non-returnable.

FW	NO. OF PINS PER ROW	LEAD STYLE	PLATING OPTION	D	STACKER HEIGHT	POST HEIGHT	OPTION
	02 thru 50	Specify LEAD STYLE from chart	-F = Gold flash on post, Matte Tin on tail -L = 10 μ " (0.25 μ m) Gold on post, Matte Tin on tail -G = 10 μ " (0.25 μ m) 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)

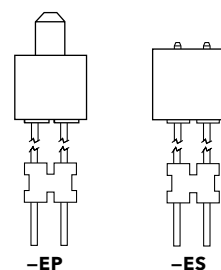
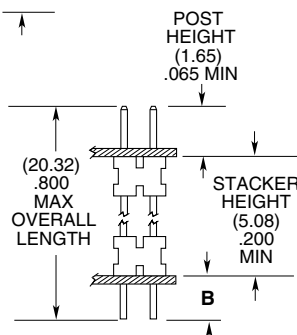
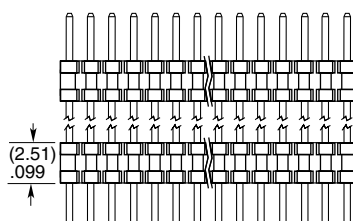
LEAD STYLE	STACKER HEIGHT	STACKER + POST
-03	(5.46) to (8.51) .215 .335	(7.11) to (10.16) .280 .400
-05	(8.64) to (15.49) .340 .610	(10.29) to (17.15) .405 .675



SURFACE MOUNT



THROUGH-HOLE



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-02-02-G-D-210-075](#) [FW-03-04-F-D-236-100](#) [FW-04-02-F-D-315-065](#) [FW-03-02-F-D-211-138](#) [FW-06-02-G-D-200-325](#) [FW-05-04-L-D-250-100](#) [FW-05-04-G-D-394-215](#) [FW-05-02-G-D-510-175](#) [FW-06-02-G-D-527-075](#) [FW-08-04-F-D-300-200](#) [FW-02-02-F-D-435-100](#) [FW-02-04-F-D-598-112](#) [FW-05-02-G-D-300-085](#) [FW-02-01-F-D-500-065](#) [FW-05-04-L-D-400-275](#) [FW-06-02-F-D-200-085](#) [FW-05-04-F-D-598-112](#) [FW-05-04-F-D-620-090](#) [FW-03-04-F-D-515-164](#) [FW-25-04-G-D-380-125](#) [FW-09-04-L-D-500-200](#) [FW-12-04-L-D-400-075](#) [FW-15-04-G-D-525-175](#) [FW-05-04-G-D-200-100](#) [FW-09-04-F-D-530-175](#) [FW-10-04-L-D-235-200](#) [FW-04-04-F-D-250-150](#) [FW-25-04-F-D-446-150](#) [FW-15-04-L-D-293-150](#) [FW-07-04-L-D-340-080](#) [FW-12-04-G-D-409-102](#) [FW-08-02-F-D-331-138](#) [FW-10-02-F-D-303-065](#) [FW-10-02-F-D-472-197](#) [FW-10-02-L-D-250-175](#) [FW-10-02-L-D-335-120](#) [FW-10-02-L-D-625-100](#) [FW-10-04-F-D-272-150](#) [FW-10-04-G-D-250-133](#) [FW-10-04-L-D-140-120](#) [FW-06-02-G-D-327-130](#) [FW-07-02-L-D-375-110](#) [FW-08-04-G-D-230-065](#) [FW-08-04-L-D-380-140](#) [FW-09-04-F-D-230-150](#) [FW-10-02-F-D-540-075](#) [FW-10-04-F-D-146-160](#) [FW-10-04-F-D-433-197](#) [FW-10-04-G-D-300-410](#) [FW-10-04-L-D-213-160](#) [FW-07-02-F-D-551-174](#) [FW-07-02-G-D-440-075](#) [FW-07-04-F-D-334-118](#) [FW-07-04-L-D-285-160](#) [FW-08-02-F-D-370-090](#) [FW-08-02-F-D-472-118](#) [FW-08-04-G-D-422-090](#) [FW-08-04-L-D-250-150](#) [FW-09-04-F-D-320-150](#) [FW-10-01-F-D-550-200](#) [FW-10-02-F-D-275-075](#) [FW-10-02-F-D-615-110](#) [FW-10-02-L-D-600-075-ES](#) [FW-10-04-G-D-280-135](#) [FW-11-02-F-D-295-125](#) [FW-12-04-G-D-200-090](#) [FW-12-04-G-D-320-170](#) [FW-09-04-L-D-132-140](#) [FW-10-02-F-D-250-065-EP](#) [FW-10-02-G-D-250-160](#) [FW-10-02-G-D-450-075](#) [FW-10-04-F-D-500-150](#) [FW-10-04-L-D-530-120](#) [FW-11-02-L-D-200-200](#) [FW-11-02-L-D-300-300](#) [FW-12-02-L-D-450-200](#) [FW-12-02-L-D-605-120](#) [FW-08-04-G-D-445-145](#) [FW-08-04-G-D-520-090](#) [FW-08-04-G-D-540-170](#) [FW-08-04-G-D-620-090](#) [FW-10-04-F-D-365-090](#) [FW-10-04-L-D-570-140](#) [FW-06-04-G-D-275-120](#) [FW-06-04-G-D-400-310](#) [FW-07-02-F-D-354-140](#) [FW-07-04-F-D-500-100](#) [FW-07-04-G-D-590-090](#) [FW-08-02-F-D-449-121](#) [FW-08-02-F-D-590-075](#) [FW-03-04-F-D-200-300](#) [FW-04-01-F-D-250-075](#) [FW-05-01-F-D-680-075](#) [FW-05-01-G-D-125-100](#) [FW-07-02-G-D-223-180](#) [FW-07-04-L-D-400-100](#) [FW-08-01-F-D-472-118](#) [FW-08-02-F-D-280-075](#) [FW-08-02-F-D-350-075](#) [FW-09-02-G-D-420-075-ES](#)