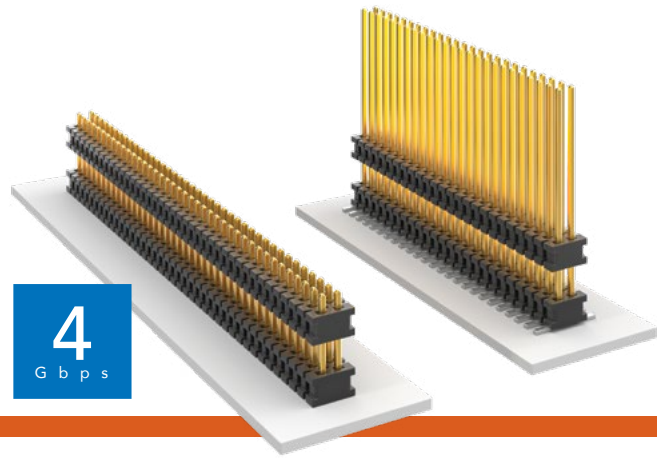


MICRO BOARD STACKER

(1.27 mm) .050" PITCH • FW SERIES

4
Gbps



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

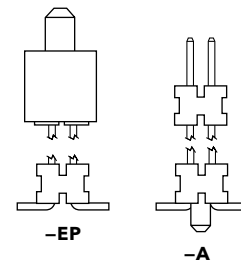
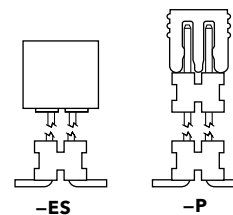
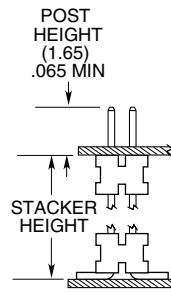
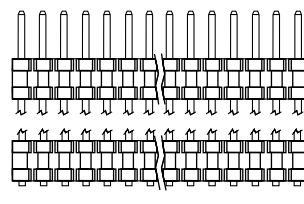
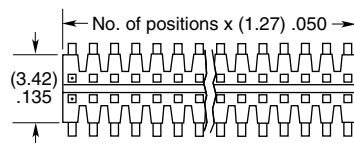
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max (02-30)
(0.15 mm) .006" max (31-50)*
*(.004" stencil solution
may be available; contact
ipg@samtec.com)

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.

SURFACE MOUNT



-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)

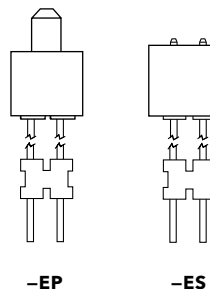
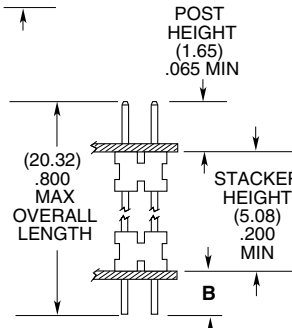
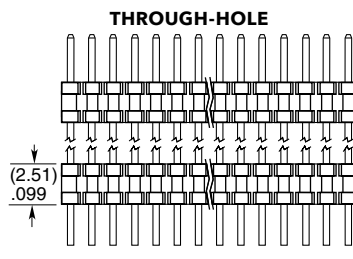
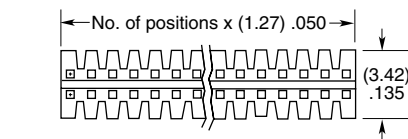
-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec
for quantity
breaks)
(SMT only)

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.



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-06-03-F-D-228-080-A](#) [FW-03-02-F-D-211-138](#) [FW-04-05-F-D-433-157-A-TR](#) [FW-06-02-G-D-200-325](#) [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-05-04-L-D-250-100](#) [FW-05-04-G-D-394-215](#) [FW-03-03-L-D-215-065](#) [FW-05-02-G-D-510-175](#) [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-06-02-G-D-527-075](#) [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-03-05-F-D-405-065](#) [FW-08-04-F-D-300-200](#) [FW-05-03-F-D-225-065-A](#) [FW-02-02-F-D-435-100](#) [FW-05-05-G-D-340-100](#) [FW-02-04-F-D-598-112](#) [FW-03-05-F-D-524-119-A](#) [FW-05-02-G-D-300-085](#) [FW-02-01-F-D-500-065](#) [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-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-05-04-L-D-400-275](#) [FW-04-05-F-D-462-079-TR](#) [FW-05-03-G-D-215-165-P-TR](#) [FW-06-02-F-D-200-085](#) [FW-04-05-L-D-530-100](#) [FW-05-05-G-D-340-100-P-TR](#) [FW-05-05-G-D-465-138](#) [FW-05-04-F-D-598-112](#) [FW-03-03-F-D-236-100-TR](#) [FW-05-04-F-D-620-090](#) [FW-05-03-G-D-260-140](#) [FW-05-05-G-D-420-130-P-TR](#) [FW-03-04-F-D-515-164](#) [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-20-03-L-D-163-065](#) [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-05-05-L-D-437-238-A-P-TR](#) [FW-10-03-L-D-228-172-P-TR](#) [FW-07-05-G-D-384-065-A-P](#) [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-03-03-L-D-245-065-A](#) [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](#)