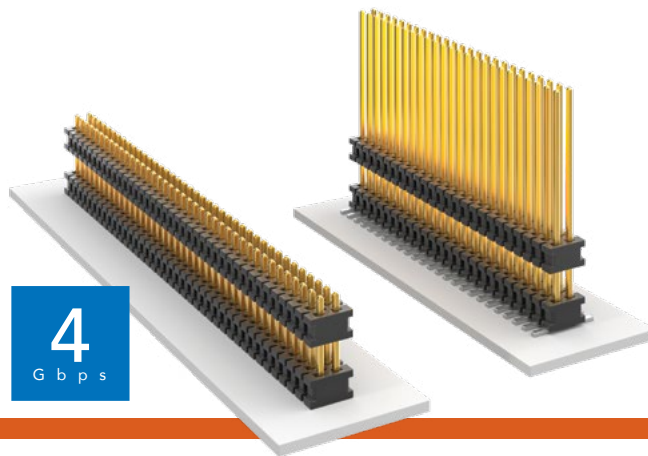


MICRO BOARD STACKER

(1.27 mm) .050" PITCH • FW SERIES

4
Gbps



FW
Board Mates:
CLP, FLE

Cable Mates:
FFSD

**FLEX
STACK**

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)

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.

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.

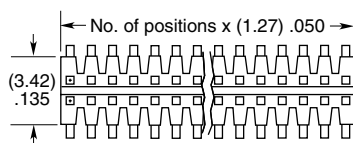
-A
= Alignment Pin
(3 positions min.)
(5.46 mm) .215" to
(15.75 mm) .620"
stacker height only
(SMT only)

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

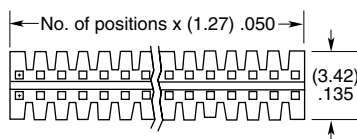
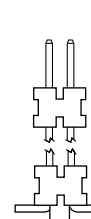
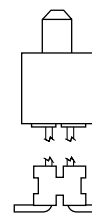
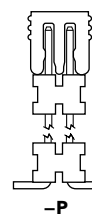
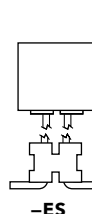
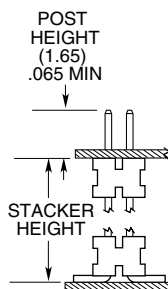
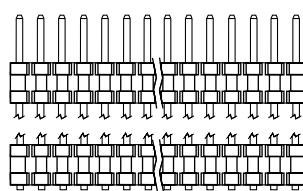
-TR
= Tape & Reel
(Max overall height
= Post+Stacker
Height+Pad+
Alignment Pin =
(17.78) .700")
(SMT only)

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

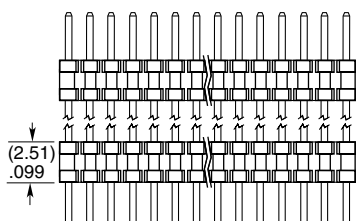
LEAD STYLE	STACKER HEIGHT	STACKER + POST
-03	(5.46) to (8.51) .215 .335	(7.11) to (10.16) .280 .400
-05	(8.64) to (15.49) .340 .610	(10.29) to (17.15) .405 .675



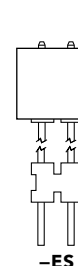
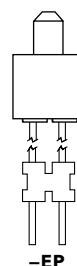
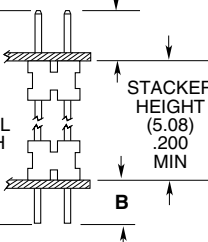
SURFACE MOUNT



THROUGH-HOLE



POST
HEIGHT
(1.65)
.065 MIN



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