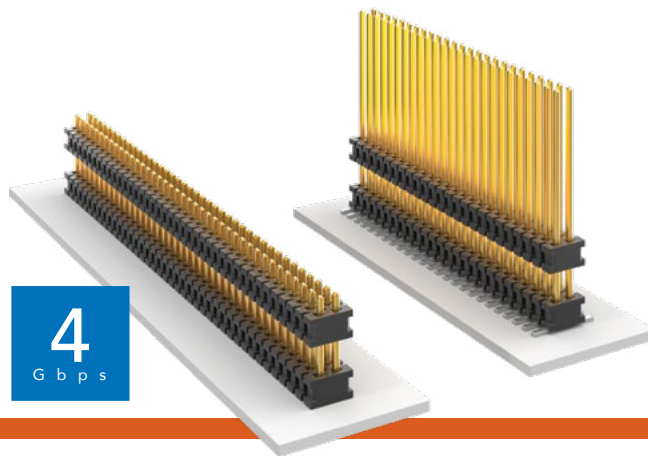


# MICRO BOARD STACKER

(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)\*

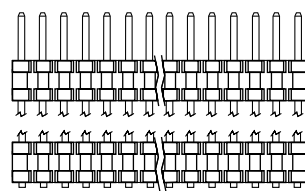
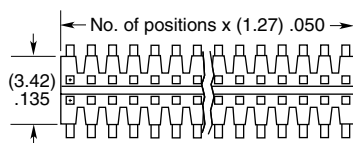
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## 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"

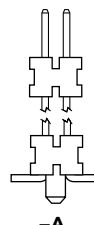
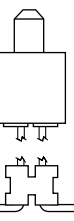
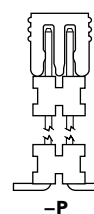
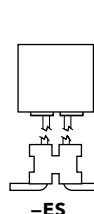
\*Processing conditions will affect mated height.

## SURFACE MOUNT



POST  
HEIGHT  
(1.65)  
.065 MIN

STACKER  
HEIGHT



## ALSO AVAILABLE

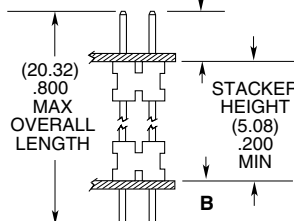
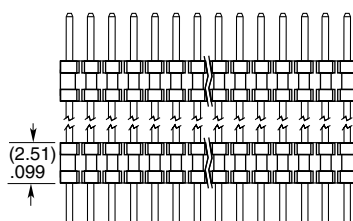
Smaller stack heights  
(MOQ Required)

### 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.

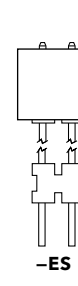
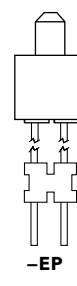
## THROUGH-HOLE



POST  
HEIGHT  
(1.65)  
.065 MIN

STACKER  
HEIGHT

(5.08)  
.200 MIN



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

## -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)

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[FW-09-02-G-D-590-135](#)