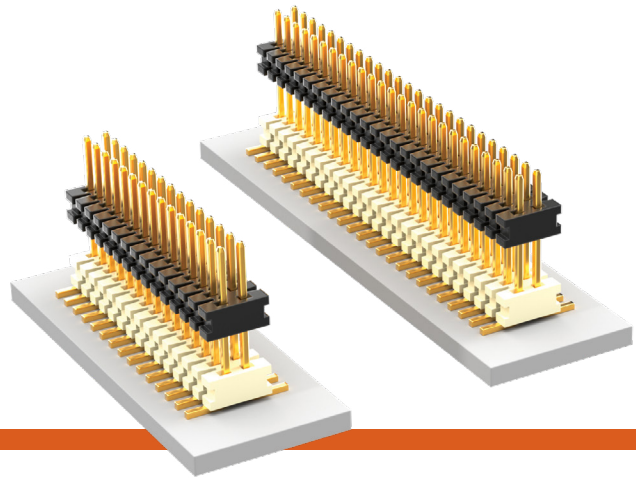


# FLEX STACK

# SMT MICRO BOARD HEADER

(1.00 mm) .0394" PITCH • MW SERIES



## MW

**Mates:**  
CLM, MLE

## SPECIFICATIONS

**Insulator Material:**  
Top: Black LCP  
Bottom: Natural LCP  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Au over 50  $\mu$ " (1.27  $\mu$ 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)

| MW | NO. PINS PER ROW | 03 | PLATING OPTION | D | STACKER HEIGHT | POST HEIGHT | OPTION |
|----|------------------|----|----------------|---|----------------|-------------|--------|
|----|------------------|----|----------------|---|----------------|-------------|--------|

02 thru 50

**-F**  
= Gold flash  
on contact,  
Matte Tin  
on tail

**-G**  
= 10  $\mu$ "  
(0.25  $\mu$ m)  
Gold on  
contact,  
Gold flash  
on tail

**-"XXX"**  
= Stacker  
Height  
(in inches)

(2.41 mm)  
.095" to  
(6.22 mm)  
.245"

Example:  
-245  
= (6.22 mm)  
.245"

**-"XXX"**  
= Post  
Height  
(in inches)

(1.65 mm)  
.065"  
minimum

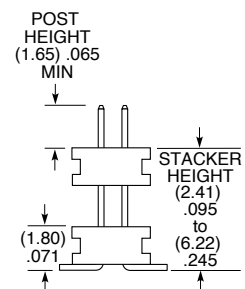
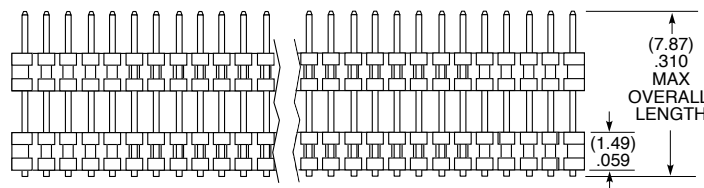
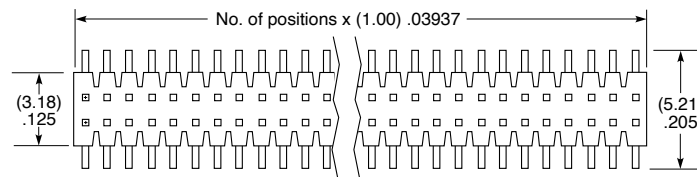
Example:  
-.065  
= (1.65 mm)  
.065"

**-A**  
= Alignment  
Pin  
(5 positions  
minimum)  
Metal or  
plastic at  
Samtec's  
discretion

**-P**  
= Pick &  
Place Pad  
(7 positions  
minimum)

**-TR**  
= Tape & Reel

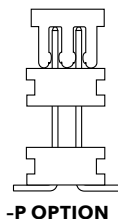
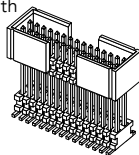
**-FR**  
= Full Reel  
Tape & Reel  
(must order  
maximum  
quantity per  
reel; contact  
Samtec for  
quantity  
breaks)



## ALSO AVAILABLE

Contact Samtec

End shrouds  
End shrouds with  
guide posts



## APPLICATION

## 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.

| EXAMPLES   |     |                 |
|------------|-----|-----------------|
| LEAD STYLE |     | MATED HEIGHT*   |
| MW         | CLM |                 |
| -163-065   | -02 | (6.35 mm) .250" |
| -233-065   |     | (8.13 mm) .320" |

\*Processing conditions will affect mated height.

