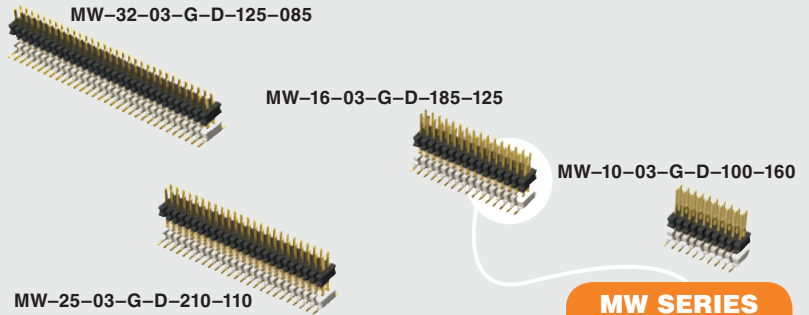


# FLEX STACK



## MW SERIES

(1.00 mm) .0394"

# SMT MICRO BOARD HEADER

### SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MW](http://www.samtec.com?MW)

**Insulator Material:**

Top: Black LCP  
Bottom: Natural LCP

**Terminal Material:**

Phosphor Bronze

**Operating Temp Range:**

-55 °C to +125 °C

**Plating:**

Au over 50 μ" (1.27 μm) Ni

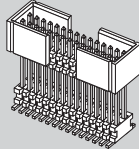
**RoHS Compliant:**

Yes

Mates with:  
CLM, MLE

### ALSO AVAILABLE (MOQ Required)

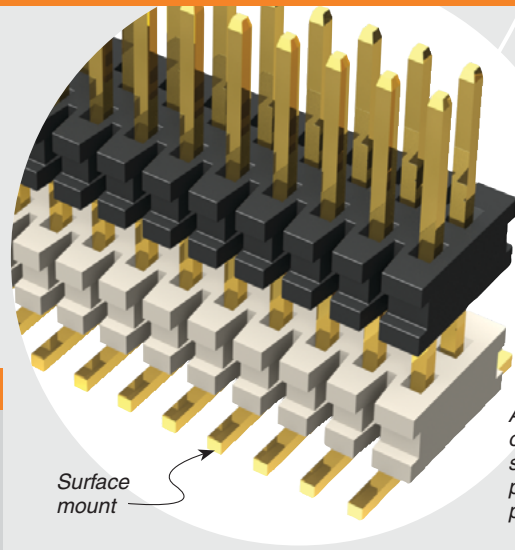
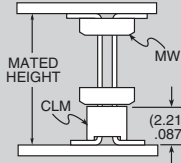
- End shrouds
- End shrouds with guide posts



### APPLICATIONS

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

\*Processing conditions will affect mated height.



Available with optional end shrouds and pick-and-place pads

### 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)

### RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**02 thru 50**

**-G**  
= 10 μ" (0.25 μm) Gold

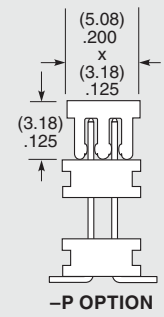
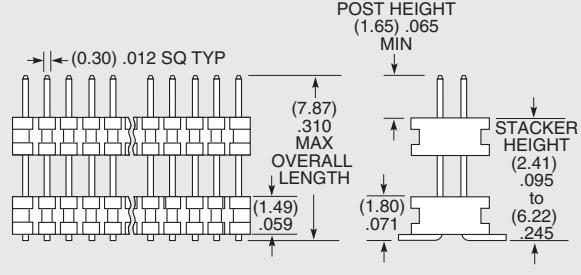
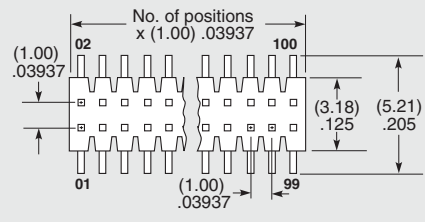
**-“XXX”**  
= Stacker Height (in inches)  
(2.41 mm) .095" to (6.22 mm) .245"  
Example:  
-245 = (6.22 mm) .245"

**-“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



**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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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