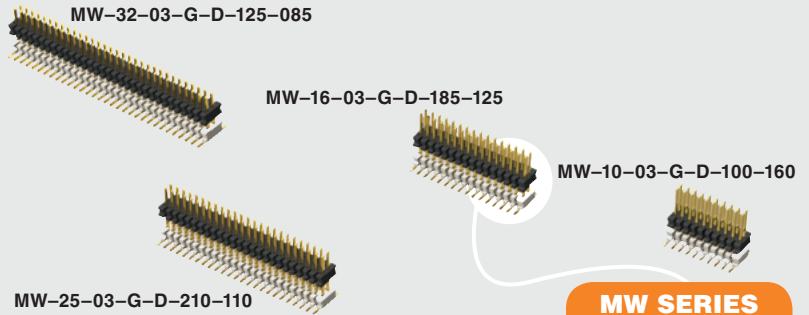


# FLEX STACK



## 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

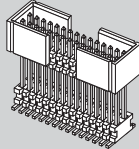
**RoHS Compliant:**

Yes

Mates with:  
CLM, MLE

### ALSO AVAILABLE (MOQ Required)

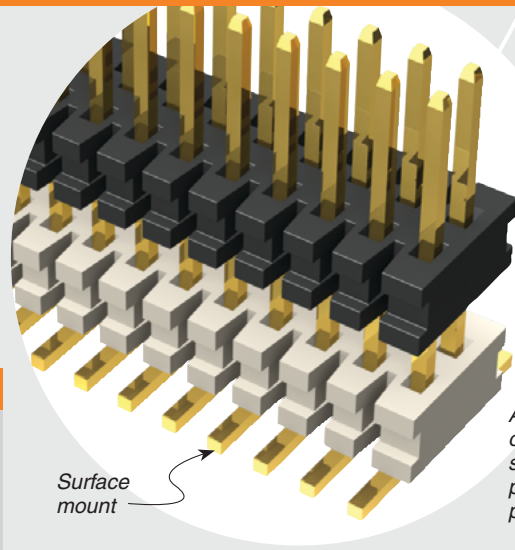
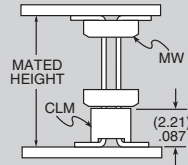
- End shrouds
- End shrouds with guide posts



### APPLICATIONS

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

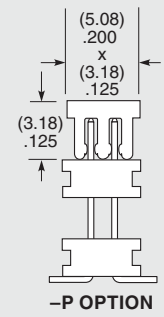
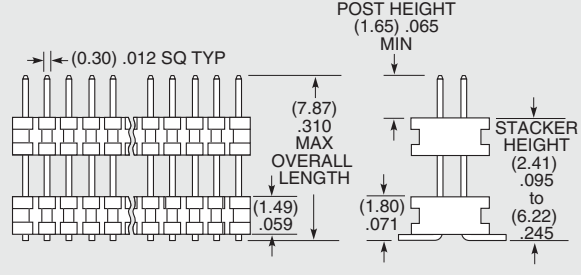
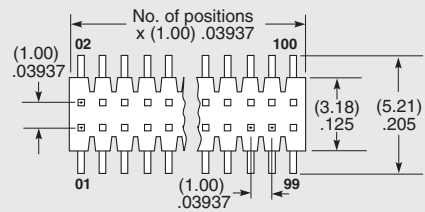
\*(.004" stencil solution may be available; contact IPG@samtec.com)

### RECOGNITIONS

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



<b>MW</b>	<b>NO. PINS PER ROW</b>	<b>03</b>	<b>PLATING OPTION</b>	<b>D</b>	<b>STACKER HEIGHT</b>	<b>POST HEIGHT</b>	<b>OPTION</b>
	<b>02 thru 50</b>		<b>-G</b> = 10 μ" (0.25 μm) Gold		<b>-“XXX”</b> = Stacker Height (in inches) (2.41 mm) .095" to (6.22 mm) .245"	<b>-“XXX”</b> = Post Height (in inches) (1.65 mm) .065" minimum Example: -065 = (1.65 mm) .065"	<b>-A</b> = Alignment Pin (5 positions minimum) Metal or plastic at Samtec's discretion  <b>-P</b> = Pick & Place Pad (7 positions minimum)  <b>-TR</b> = 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.