

**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

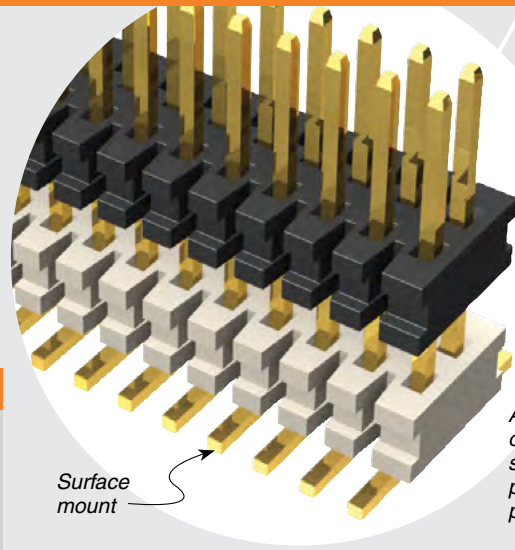
**RoHS Compliant:**  
Yes

**Mates with:**  
CLM, MLE

**ALSO AVAILABLE (MOQ Required)**

- End shrouds
- End shrouds with guide posts

Contact Samtec.



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)

**APPLICATIONS**

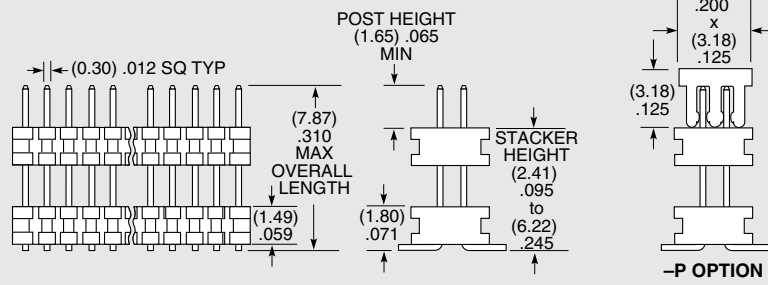
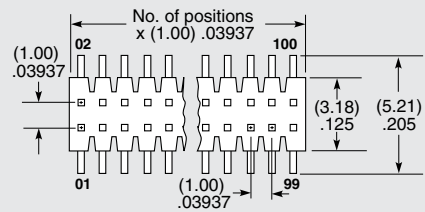
EXAMPLES		
LEAD STYLE	MATED HEIGHT*	
MW	CLM	
-163-065	-02	(6.35) .250
-233-065		(8.13) .320

\*Processing conditions will affect mated height.

**RECOGNITIONS**

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

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



**Note:** For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact [ipg@samtec.com](mailto:ipg@samtec.com) for more information.

**Note:** This Series is non-standard, non-returnable.