

(1.00 mm) .0394"

MW SERIES

# 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

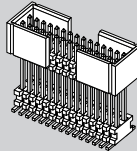
### RoHS Compliant:

Yes

Mates with:  
CLM, MLE

## ALSO AVAILABLE (MOQ Required)

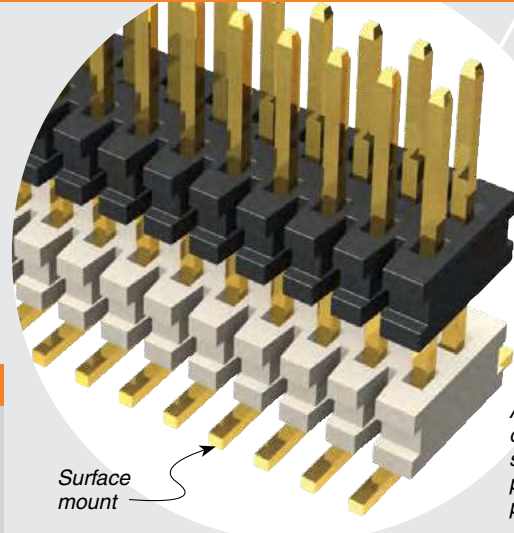
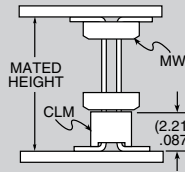
- End shrouds
  - End shrouds with guide posts
- Contact Samtec.



## 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.



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

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

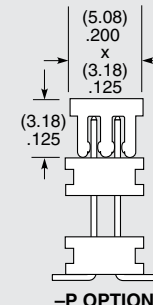
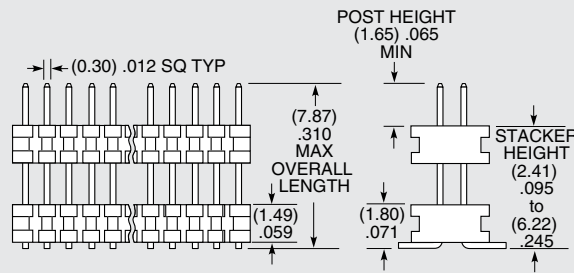
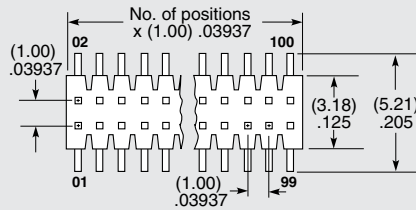
(0.10 mm) .004" max (02-30)  
(0.15 mm) .006" max (31-50)

## 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.