



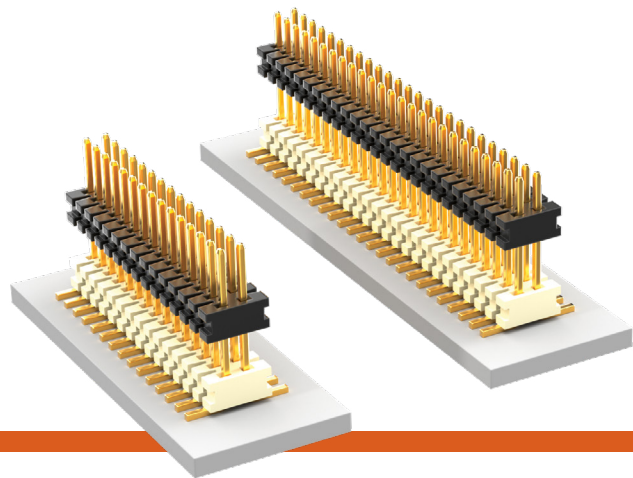
**THE DATASHEET OF
MW-12-03-H-D-186-075-ES-A**



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 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +125 °C

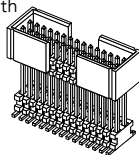
PROCESSING

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)

ALSO AVAILABLE

Contact Samtec

End shrouds
End shrouds with
guide posts



MW	NO. PINS PER ROW	03	PLATING OPTION	D	STACKER HEIGHT	POST HEIGHT	OPTION
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02 thru 50

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

-G
= 10 μ" (0.25 μm) 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

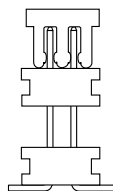
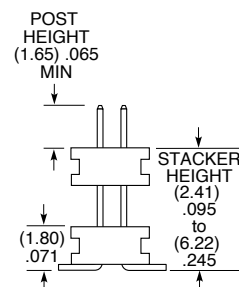
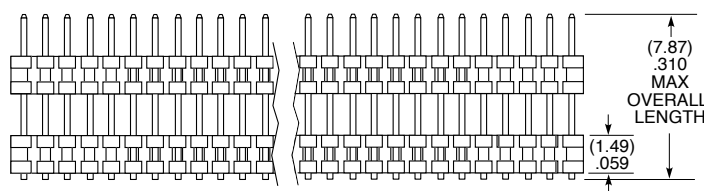
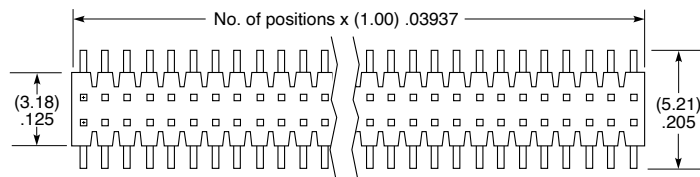
Example:
-065 = (1.65 mm) .065"

-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)

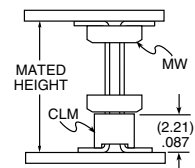


-P OPTION

APPLICATION

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.



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.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View MW-12-03-H-D-186-075-ES-A on WIN SOURCE](#)

 [Samtec Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management