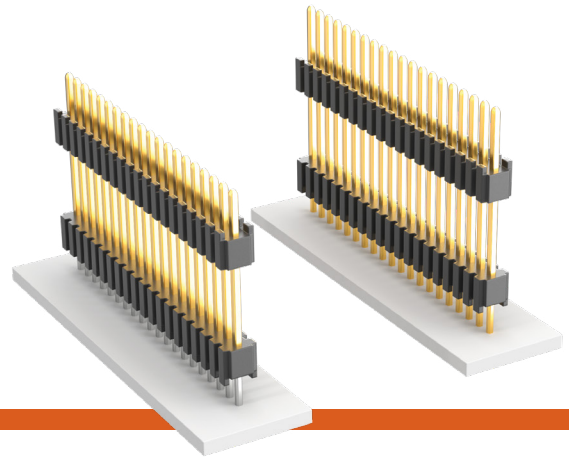


MICRO BOARD STACKER

(1.27 mm) .050" PITCH • DWM/HDWM SERIES



DWM/HDWM

Mates:
SMS, SLM, RSM

SPECIFICATIONS

Insulator Material:
Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Au or Sn over 50 μ" (1.27 μm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin
-55 °C to +125 °C with Gold

PROCESSING

Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact ipg@samtec.com)

ALSO AVAILABLE

Contact Samtec

Other Platings

DWM	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
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01 thru 50

Specify LEAD STYLE from chart

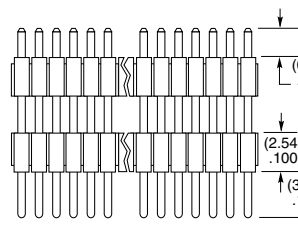
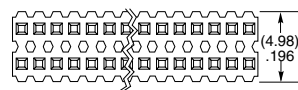
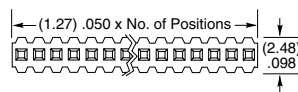
-L
= 10 μ" (0.25 μm)
Gold on contact, Matte Tin on tail

-S
= Single Row

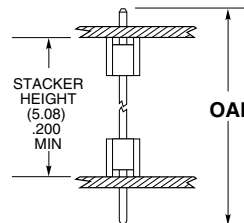
-D
= Double Row

- "XXX"
= Stacker Height
Example:
-200 = (5.08 mm) .200"

- "XXX"
= Polarized Position (Specify position of omitted pin)



-G
= 10 μ" (0.25 μm)
Gold on contact, Gold flash on tail



OAL	
LEAD STYLE	THROUGH-HOLE
-01	(11.43) .450
-51	(10.41) .410
-52	(10.80) .425
-53	(12.83) .505
-54	(14.10) .555
-55	(15.49) .610
-56	(15.88) .625
-57	(16.51) .650
-58	(17.91) .705
-59	(19.18) .755
-60	(20.96) .825
-61	(26.67) 1.050

HDWM	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
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01 thru 50

Specify LEAD STYLE from chart

-L
= 10 μ" (0.25 μm)
Gold on contact, Matte Tin on tail

-S
= Single Row

-D
= Double Row

- "XXX"
= Stacker Height
Example:
-250 = (6.35 mm) .250"

- "XXX"
= Polarized Position (Specify position of omitted pin)

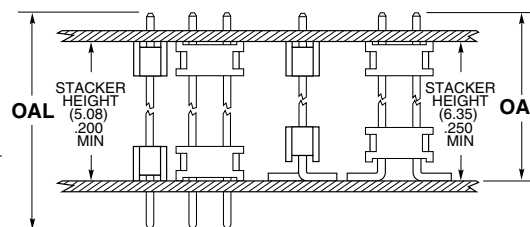
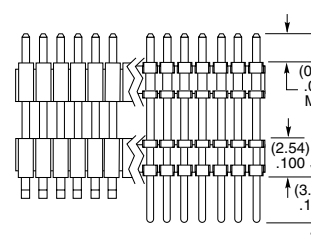
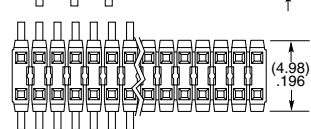
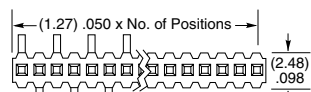
- SM
= Surface Mount (02 thru 40 positions only)

- A
= Alignment Pin (6 positions minimum -D only) Metal or plastic at Samtec discretion (Not available with -LC)

- LC
= Locking Clip (5 positions minimum -D only) (Not available with -A) (Manual placement required)

- P
= Pick & Place Pad

OAL		
LEAD STYLE	THROUGH-HOLE	SURFACE MOUNT
-01	(11.43) .450	(8.38) .330
-51	(10.41) .410	—
-52	(10.80) .425	—
-53	(12.83) .505	(9.78) .385
-54	(14.10) .555	(11.05) .435
-55	(15.49) .610	(12.45) .490
-56	(15.88) .625	(12.83) .505
-57	(16.51) .650	(13.46) .530
-58	(17.91) .705	(14.86) .585
-59	(19.18) .755	(15.62) .615
-60	(20.96) .825	—
-61	(26.67) 1.050	—



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.