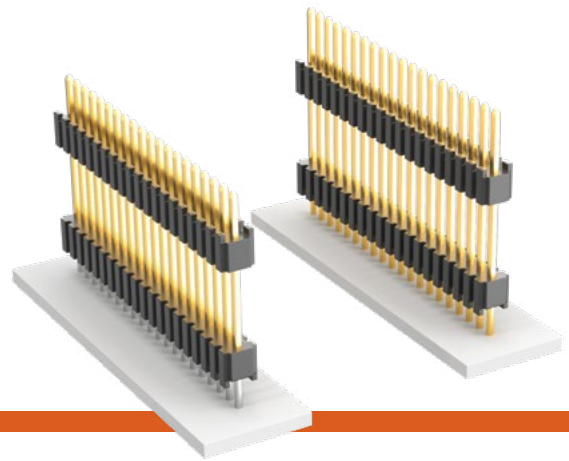


# MICRO BOARD STACKER

(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  $\mu$ " (1.27  $\mu$ m) 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

Other Platings  
(MOQ Required)

DWM	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION																												
	01 thru 50	Specify LEAD STYLE from chart	<p><b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail</p> <p><b>-G</b> = 10 μ" (0.25 μm) Gold on contact, Gold flash on tail</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p>	<p><b>- "XXX"</b> = Stacker Height Example: -200 = (5.08 mm) .200"</p>	<p><b>- "XXX"</b> = Polarized Position (Specify position of omitted pin)</p>																												
<p>(1.27) .050 x No. of Positions</p> <p>(2.48) .098</p> <p>(4.98) .196</p> <p>(0.00) .000 MIN</p> <p>(2.54) .100</p> <p>(3.05) .120</p>																																		
<p>STACKER HEIGHT (5.08) .200 MIN</p> <p>OAL</p>																																		
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HDWM	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
	01 thru 50	Specify LEAD STYLE from chart	<b>-L</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Matte Tin on tail  <b>-G</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact, Gold flash on tail	<b>-S</b> = Single Row  <b>-D</b> = Double Row	<b>- "XXX"</b> = Stacker Height Example: -250 = (6.35 mm) .250"	<b>- "XXX"</b> = Polarized Position (Specify position of omitted pin)  <b>- SM</b> = Surface Mount (02 thru 40 positions only)  <b>- A</b> = Alignment Pin (6 positions minimum -D only) Metal or plastic at Samtec discretion (Not available with -LC)  <b>- LC</b> = Locking Clip (5 positions minimum -D only) (Not available with -A) (Manual placement required)  <b>- P</b> = Pick & Place Pad

### 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[HDWM-05-54-TM-D-260-SM-P](#) [HDWM-20-59-S-D-388](#) [HDWM-20-58-L-D-400-SM](#)