

(1.27 mm) .050"

DWM-20-58-G-S-427

HDWM-24-59-L-S-300-SM

HDWM-08-56-L-D-312-SM

DWM-06-54-G-D-360

**DWM, HDWM SERIES**

# MICRO BOARD STACKER

## SPECIFICATIONS

For complete specifications see [www.samtec.com?DWM](http://www.samtec.com?DWM) or [www.samtec.com?HDWM](http://www.samtec.com?HDWM)

### Insulator Material:

LCP

### 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

### RoHS Compliant:

Yes

## Mates with:

SMS, SLM, RSM

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max\*

\*(.004" stencil solution

may be available; contact

IPG@samtec.com)

## RECOGNITIONS

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



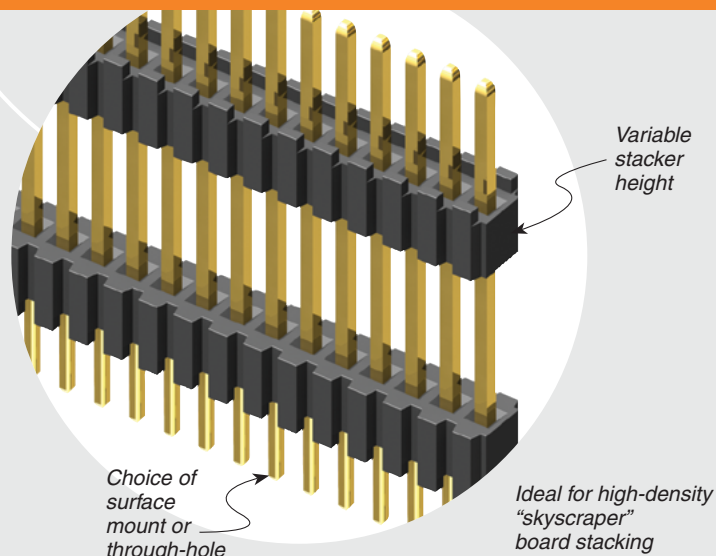
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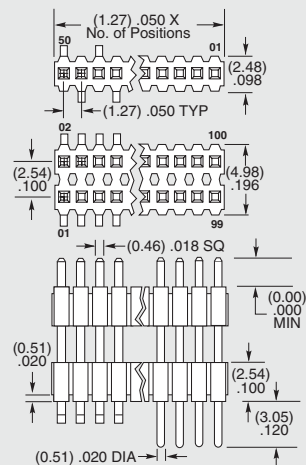
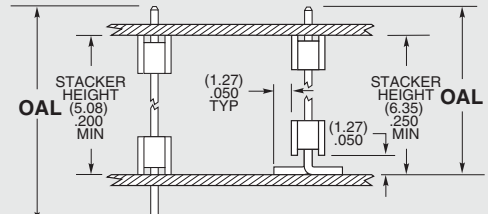
## ALSO AVAILABLE (MOQ Required)

- Other platings

**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](mailto:ipg@samtec.com) for more information.

This Series is non-standard, non-returnable.



TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION																																								
	01 thru 50	Specify LEAD STYLE from chart	<ul style="list-style-type: none"><li>-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail</li><li>-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail</li></ul>	<ul style="list-style-type: none"><li>-S = Single Row</li><li>-D = Double Row</li></ul>	<ul style="list-style-type: none"><li>-“XXX” = Stacker Height Example: -250 = (6.35 mm) .250"</li></ul>	<ul style="list-style-type: none"><li>-“XXX” = Polarized Position (Specify position of omitted pin)</li><li>-SM = Surface Mount (Requires HDWM. 02 thru 40 positions only.)</li><li>-A = Alignment Pin (Requires HDWM. 6 positions min -D only.) Metal or plastic at Samtec discretion (N/A with -LC)</li><li>-LC = Locking Clip (Requires HDWM. 5 positions min. -D only) (N/A with -A) (Manual placement required)</li><li>-P = Pick &amp; Place Pad (Requires HDWM)</li></ul>																																								
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Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.