



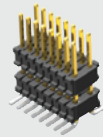
**THE DATASHEET OF  
DWM-49-53-S-S-250**



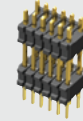
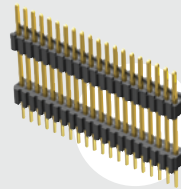
# FLEX STACK

DWM-20-58-G-S-427

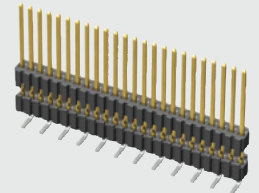
HDWM-24-59-L-S-300-SM



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



DWM-06-54-G-D-360



## DWM, HDWM SERIES

(1.27 mm) .050"

# 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 μ" (1.27 μm) 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:**

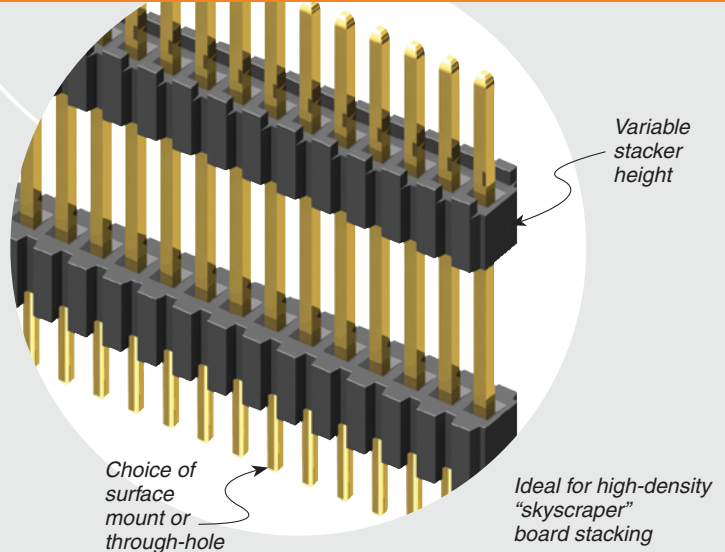
(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))

### RECOGNITIONS

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



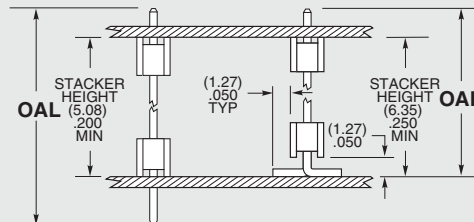
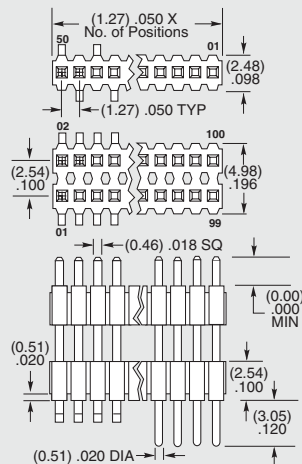
FILE NO. E111594



TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
	01 thru 50	Specify LEAD STYLE from chart	-L = 10 μ" (0.25 μm) Gold contact, Matte Tin on tail -G = 10 μ" (0.25 μm) Gold on post, Gold flash 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 (Requires HDWM. 02 thru 40 positions only.) - A = Alignment Pin (Requires HDWM. 6 positions min -D only.) Metal or plastic at Samtec discretion (N/A with -LC) - LC = Locking Clip (Requires HDWM. (5 positions min. -D only) (N/A with -A) (Manual placement required) - P = Pick & Place Pad (Requires HDWM)

### 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.



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.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View DWM-49-53-S-S-250 on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management