

# FLEX STACK

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

### Operating Temp Range:

-55  $^{\circ}$ C to +105  $^{\circ}$ C with Tin  
-55  $^{\circ}$ C to +125  $^{\circ}$ C with Gold

### RoHS Compliant:

Yes

## PROCESSING

### Lead-Free Solderable:

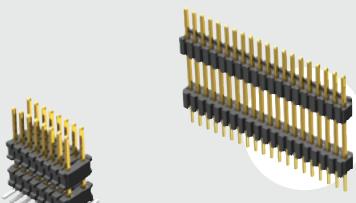
Yes

### SMT Lead Coplanarity:

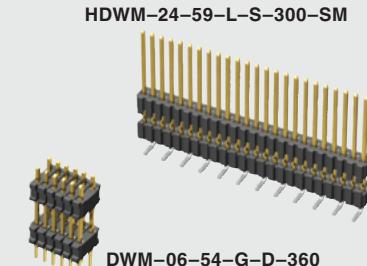
(0.15 mm) .006" max\*  
(.004" stencil solution  
may be available; contact  
[IPG@samtec.com](mailto:IPG@samtec.com))

Mates with:  
SMS, SLM, RSM

DWM-20-58-G-S-427

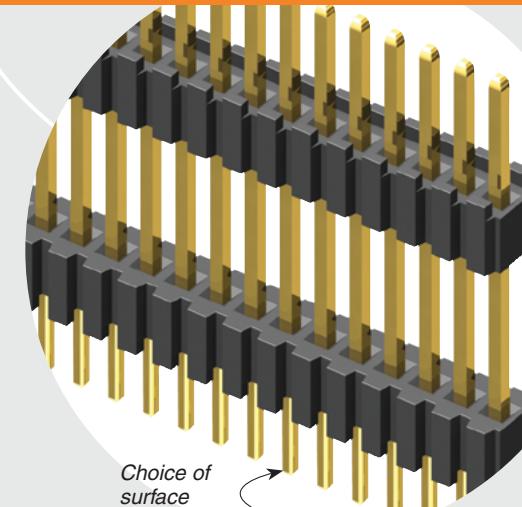


HDWM-08-56-L-D-312-SM



DWM-06-54-G-D-360

DWM, HDWM SERIES



Variable  
stacker  
height

Choice of  
surface  
mount or  
through-hole

Ideal for high-density  
"skyscraper"  
board stacking

## 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
T	01 thru 50	Specify LEAD STYLE from chart	-L = 10 $\mu$ " (0.25 $\mu$ m) Gold contact, Matte Tin on tail  -G = 10 $\mu$ " (0.25 $\mu$ m) 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)
4						-SM = Surface Mount (Requires HDWM. 02 thru 40 positions only.)

DWM = Standard Board Spacer

HDWM = High Temp Board Spacer

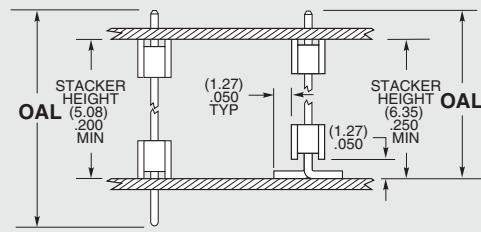
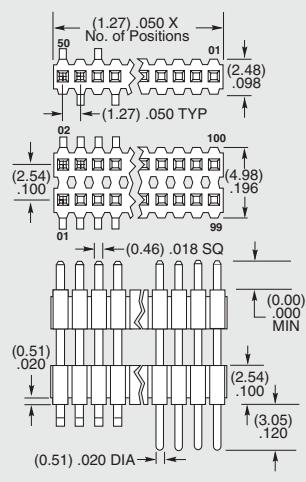
## ALSO AVAILABLE (MOQ Required)

- 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.

# Mouser Electronics

Authorized Distributor

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

## Samtec:

[HDWM-05-51-G-S-200](#) [HDWM-03-60-S-D-547](#) [HDWM-06-51-G-S-200](#) [HDWM-03-60-L-S-585](#) [HDWM-03-55-G-D-385](#) [HDWM-02-01-L-S-250-SM](#) [HDWM-07-01-L-S-200](#) [HDWM-20-61-S-D-590](#) [HDWM-08-56-S-D-312-SM-P](#) [HDWM-25-60-S-D-490](#) [HDWM-20-60-S-D-545](#) [HDWM-10-58-G-D-330-SM-LC-P](#) [HDWM-20-53-S-D-250-SM-P](#) [HDWM-20-58-S-D-385-SM](#) [HDWM-19-55-G-D-350](#) [HDWM-27-58-L-D-390-SM](#) [HDWM-10-61-S-D-590](#) [HDWM-22-61-S-D-590](#) [HDWM-25-55-G-D-390-SM](#) [HDWM-03-57-L-S-200](#) [HDWM-20-54-S-D-251](#) [HDWM-05-58-L-D-430-SM](#) [HDWM-13-56-G-D-340-SM](#) [HDWM-11-58-S-D-409-SM-LC-P](#) [HDWM-04-57-L-D-250-SM](#) [HDWM-06-60-L-D-547](#) [HDWM-10-01-L-S-250-SM](#) [HDWM-05-55-G-S-400](#) [HDWM-14-55-S-D-325-SM-P](#) [HDWM-08-58-L-S-390-SM](#) [HDWM-02-59-G-S-495](#) [HDWM-05-58-G-S-472](#) [HDWM-10-58-G-S-472](#) [HDWM-14-57-G-D-393-SM](#) [HDWM-14-53-G-S-255-SM](#) [HDWM-23-53-G-D-255-SM-A](#) [HDWM-40-53-S-S-250-SM](#) [HDWM-50-53-G-D-280-SM-A](#) [HDWM-50-53-S-D-280-SM-A](#) [HDWM-50-59-S-D-545-SM](#) [HDWM-34-01-S-D-330-SM](#) [HDWM-36-55-G-D-315-SM](#) [HDWM-36-58-S-D-475-SM](#) [HDWM-36-59-G-D-495-SM](#) [HDWM-37-57-S-D-350-SM](#) [HDWM-38-53-G-D-280-SM-A](#) [HDWM-40-60-S-D-500](#) [HDWM-45-53-S-D-280-SM-A](#) [HDWM-03-54-G-S-340](#) [HDWM-06-54-S-D-400-SM](#) [HDWM-06-57-S-D-400-SM](#) [HDWM-06-58-G-D-400-SM](#) [HDWM-08-01-S-D-250-SM](#) [HDWM-09-53-S-D-280-SM-A](#) [HDWM-10-53-G-D-280-SM-A](#) [HDWM-10-59-G-D-430-SM](#) [HDWM-12-52-T-S-200](#) [HDWM-15-55-G-D-315-SM](#) [HDWM-15-59-G-D-355-SM](#) [HDWM-16-59-S-D-500-SM](#) [HDWM-18-58-G-D-465-SM](#) [HDWM-20-54-G-D-310-SM](#) [HDWM-21-53-S-D-280-SM-A](#) [HDWM-25-53-S-D-280-SM-A](#) [HDWM-25-54-G-D-260-SM](#) [HDWM-25-59-S-D-430-SM](#) [HDWM-25-59-S-D-450](#) [HDWM-25-59-S-D-469-SM-A](#) [HDWM-27-53-S-D-280-SM-A](#) [HDWM-27-55-S-D-355-SM](#) [HDWM-30-54-S-D-250-SM](#) [HDWM-30-57-S-D-250-SM](#) [HDWM-30-57-S-D-295-SM-P](#) [HDWM-31-53-S-D-280-SM-A](#) [HDWM-32-58-G-D-380-SM-LC](#) [HDWM-32-59-G-D-545-SM](#) [HDWM-36-01-T-D-280](#) [HDWM-36-57-S-D-254-SM](#) [HDWM-36-57-S-D-295-SM-P](#) [HDWM-36-57-S-D-415](#) [HDWM-25-57-G-D-290](#) [HDWM-25-58-G-D-355-SM](#) [HDWM-25-59-G-S-615-SM](#) [HDWM-25-59-S-D-310-SM-A](#) [HDWM-26-53-S-D-280-SM-A](#) [HDWM-30-58-G-D-550-SM](#) [HDWM-30-59-S-D-500-SM](#) [HDWM-33-53-G-D-280-SM-A](#) [HDWM-34-55-S-D-325-SM](#) [HDWM-35-56-G-D-300-SM](#) [HDWM-36-54-G-D-325-SM](#) [HDWM-36-54-S-D-250-SM-A-P](#) [HDWM-36-56-S-D-250-SM-LC-P](#) [HDWM-36-58-S-D-395-SM](#) [HDWM-36-59-S-D-250-SM](#) [HDWM-36-59-S-D-615-SM](#) [HDWM-40-59-S-D-450-SM](#) [HDWM-48-53-S-D-292-SM](#) [HDWM-25-59-S-D-503-SM](#) [HDWM-26-53-G-D-280-SM-A](#)