

**(1,27mm) .050"**

## DWM, HDWM SERIES



HDWM-20-58-G-S-427

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

DWM-08-56-L-D-312-SM

DWM-06-54-G-D-360

# MICRO BOARD STACKER

## SPECIFICATIONS

## DWM

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

**Insulator Material:**

Top: Black LCP  
Bottom: Natural LCP

**Terminal Material:**

Phosphor Bronze

### Plating:

Au or Sn over

50μ" (1,27μm) Ni

**Current Rating:**

1A

**Operating Temp**  
55°C to 125°C

-55°C to +105°C  
 55°F to +105°F

**BoHS Compliant**

## HDWM

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

Same as DWM except  
not CSA rated.

### Processing:

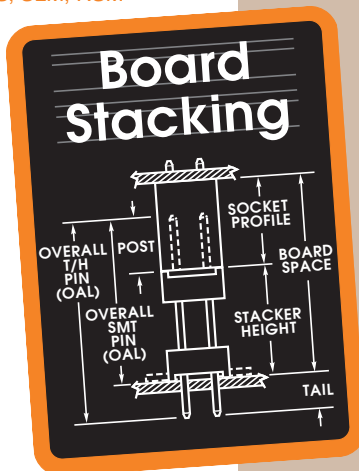
**Lead-Free Solderable:**

Yes

### SMT Lead Coplanarity:

(0,15mm) .006" max

**Mates with:**  
SMS, SLM, RSM

Variable  
stacker  
height

*Ideal for high density  
"skyscraper"  
board stacking*

Choice of Surface mount or Through-hole

TYPE STRIP	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> = 10μ" (0,25μm) Gold contact, Matte Tin on tail  <b>-G</b> = 10μ" (0,25μm) Gold on post, Gold flash on tail	<b>-S</b> = Single Row  <b>-D</b> = Double Row	<b>"XXX"</b> = Stacker Height Example: -250 = (6,35mm) .250"	<b>"XXX"</b> = Polarized Position (Specify position of omitted pin)  <b>-SM</b> = Surface Mount (Requires HDWM. 02 thru 40 positions only.)  <b>-A</b> = Alignment Pin (Requires HDWM. 6 positions min -D only.) Metal or plastic at Samtec discretion (N/A with -LC)  <b>-LC</b> = Locking Clip (Requires HDWM. 5 positions min. -D only.) (Manual placement required)  <b>-P</b> = Pick & Place Pad (Requires HDWM)
	<div> <div> <b>DWM</b> = Standard Board Spacer   <b>HDWM</b> = High Temp Board Spacer           </div> <div> </div> </div>					

LEAD STYLE	OAL	
	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	—

**Note:** Other Gold plating options available.  
Contact Samtec.

**Note:** These Series are non-standard, non-returnable.

*Due to technical progress, all designs, specifications and components are subject to change without notice*

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