

**(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:

**Plating:**  
Au or Sn over

50μ" (1,27μm) Ni

**Current Rating:**

1A  
Operating Temp Range:

**Operating Temp Range**  
-55°C to +105°C

-55°C to + 105°C With Tin  
-55°C to + 125°C with Gold

**RoHS Compliant:**

Yes

## HDWMM

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

Same as DWM except not CSA rated.

### Processing:

### Processing.

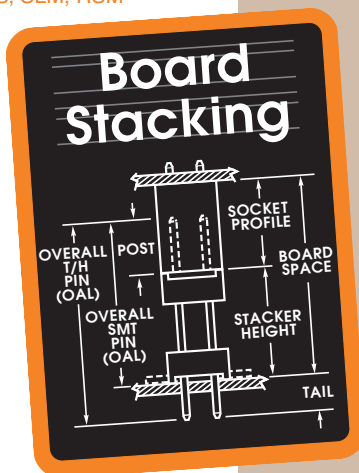
**Lead-Free Solderable:**

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

-L  
= 10μ" (0.25μm)  
Gold contact,  
Matte Tin  
on tail

-G  
= 10μ" (0.25μm)  
Gold on post,  
Gold flash  
on tail

-S  
= Single  
Row

-D  
= Double  
Row

-"XXX"  
= Stacker  
Height  
Example:  
-250 =  
(6.35mm)  
.250"

DWM

= Standard Board Spacer

HDWM

= High Temp Board Spacer

| LEAD<br>STYLE | OAL              |                  |
|---------------|------------------|------------------|
|               | THROUGH-<br>HOLE | SURFACE<br>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    | —                |

-"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)

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

**WWW.SAMTEC.COM**

**SAMTEC USA** • Tel: 1-800-SAMTEC-9 or 812-944-6733    **SAMTEC SILICON VALLEY** • Tel: 408-395-5900    **SAMTEC SOUTHERN CALIFORNIA** • Tel: 1-800-726-8329  
**SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA.** • Tel: (+55 31) 3786 3227    **SAMTEC UNITED KINGDOM** • Tel: 44 141 0236 739292    **SAMTEC GERMANY** • Tel: 49 (0) 89 / 89460-0  
**SAMTEC FRANCE** • Tel: 33 01 60 95 06 60    **SAMTEC ITALY** • Tel: 39 039 6890337    **SAMTEC NORDIC/BALTIC** • Tel: +46-84477280    **SAMTEC BENELUX** • Tel: 44 1236 739292  
**SAMTEC ISRAEL** • Tel: 972-3-7526600    **SAMTEC INDIA** • Tel: +91-80-3272 1612    **SAMTEC ASIA PACIFIC** • Tel: 65 6745-5955    **SAMTEC JAPAN** • Tel: 045-475-185    **SAMTEC CHINA** • Tel: 86-21-6083 3766  
**SAMTEC TAIWAN** • Tel: 886-2-2735-6109    **SAMTEC HONG KONG** • Tel: 852-26904858    **SAMTEC KOREA** • Tel: 82-31-717-5685    **SAMTEC ANZ** • Tel: 613 9580 0683