

(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

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 Range:

Operating Temp Range:
-55°C to +105°C with Tin

-55°C to +125°C

Rot
Yes

HDWM

For complete specifications
see www.samtec.com?HDWM

Same as DWM except not CSA rated.



Processing:

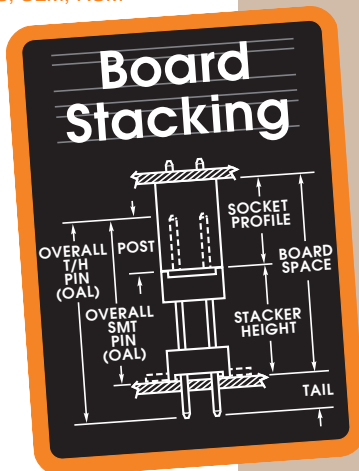
Lead-Free Solderable:

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	—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"	—“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.) (Manual placement required) —P = Pick & Place Pad (Requires HDWM)																																								
	DWM = Standard Board Spacer HDWM = High Temp Board Spacer																																													
<table><tr><th rowspan="2">LEAD STYLE</th><th colspan="2">OAL</th></tr><tr><th>THROUGH-HOLE</th><th>SURFACE MOUNT</th></tr><tr><td>-01</td><td>(11,43) .450</td><td>(8,38) .330</td></tr><tr><td>-51</td><td>(10,41) .410</td><td>—</td></tr><tr><td>-52</td><td>(10,80) .425</td><td>—</td></tr><tr><td>-53</td><td>(12,83) .505</td><td>(9,78) .385</td></tr><tr><td>-54</td><td>(14,10) .555</td><td>(11,05) .435</td></tr><tr><td>-55</td><td>(15,49) .610</td><td>(12,45) .490</td></tr><tr><td>-56</td><td>(15,88) .625</td><td>(12,83) .505</td></tr><tr><td>-57</td><td>(16,51) .650</td><td>(13,46) .530</td></tr><tr><td>-58</td><td>(17,91) .705</td><td>(14,86) .585</td></tr><tr><td>-59</td><td>(19,18) .755</td><td>(15,62) .615</td></tr><tr><td>-60</td><td>(20,96) .825</td><td>—</td></tr><tr><td>-61</td><td>(26,67) 1.050</td><td>—</td></tr></table>						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	—
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	—																																												

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