



(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:

-55°C to + 105°C with Tin

-55°C to + 125°C with Gold

RoHS Compliant:

Yes

HDWM

For complete specifications see www.samtec.com?HDWM

Same as DWM except

not CSA rated.

Processing:

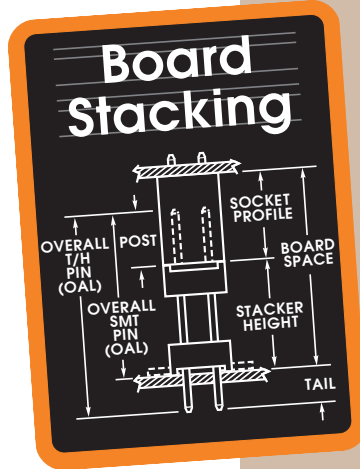
Lead-Free Solderable:

Yes

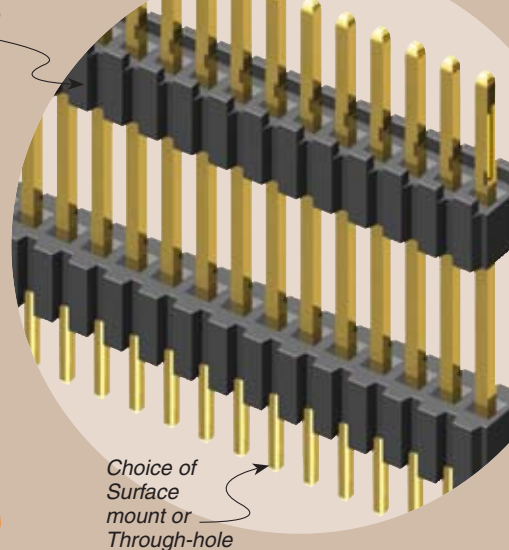
SMT Lead Coplanarity:

(0,15mm) .006" max

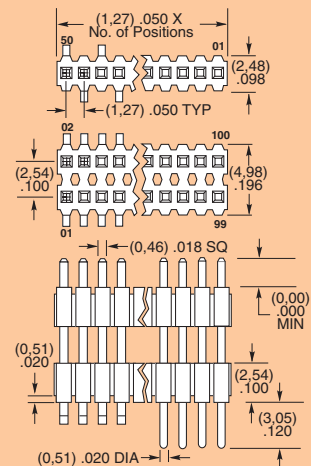
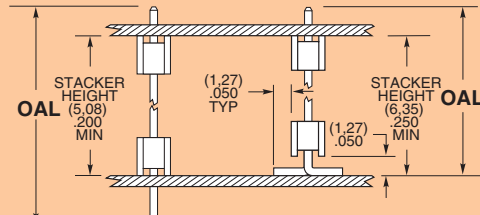
Mates with:
SMS, SLM, RSM



Variable
stacker
height



Ideal for high density
"skyscraper"
board stacking

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) (N/A with -A) (Manual placement required) - P = Pick & Place Pad (Requires HDWM)																																						
	DWM = Standard Board Spacer HDWM = High Temp Board Spacer  (1,27) .050 X No. of Positions (2,48) .098 (1,27) .050 TYP (2,54) .100 (4,98) .196 (0,46) .018 SQ (0,51) .020 (0,00) .000 MIN (2,54) .100 (3,05) .120 (0,51) .020 DIA  STACKER HEIGHT (5,08) .200 MIN (1,27) .050 TYP (1,27) .050 STACKER HEIGHT (6,35) .250 MIN OAL <table><thead><tr><th>LEAD STYLE</th><th>THROUGH- HOLE</th><th>SURFACE MOUNT</th></tr></thead><tbody><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></tbody></table>						LEAD STYLE	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	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.

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: 1-800-726-9329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 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 01236 739292
 SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 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