

(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:

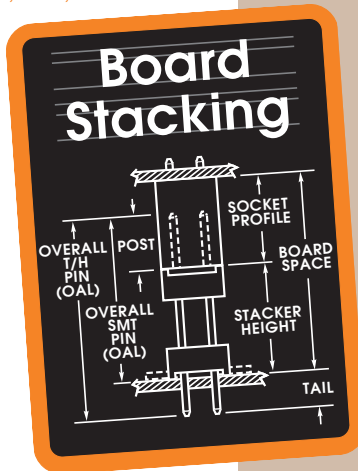
Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0,15mm) .006" max

Mates with:
SMS, SLM, RSM



Variable
stacker
height

Ideal for high density
"skyscraper"
board stacking

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 DWM = Standard Board Spacer HDWM = High Temp Board Spacer	Specify LEAD STYLE from chart	-L = 10µ" (0,25µm) Gold contact, Matte Tin 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)																																		
			-G = 10µ" (0,25µm) Gold on post, Gold flash on tail	<table border="1"> <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
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	—																																						

(1,27) .050 X
No. of Positions

(2,48) .098

(1,27) .050 TYP

(2,54) .100

(4,98) .196

(0,46) .018 SQ

(0,00) .000 MIN

(0,51) .020

(2,54) .100

(3,05) .120

(0,51) .020 DIA

STACKER HEIGHT
(5,08) .200 MIN

(1,27) .050 TYP

STACKER HEIGHT
(6,35) .250 MIN

OAL

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