



(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:

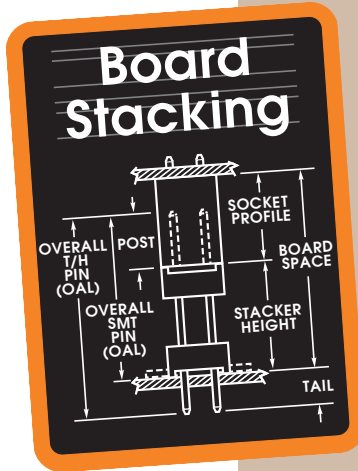
Lead-Free Solderable:

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	Specify LEAD STYLE from chart	-L = 10µ" (0,25µm) Gold contact, Matte Tin on tail	-S = Single Row	"XXX" = Stacker Height Example: -250 = (6,35mm) .250"	"XXX" = Polarized Position (Specify position of omitted pin)																																									
			-G = 10µ" (0,25µm) Gold on post, Gold flash on tail	-D = Double Row																																											
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<table border="1"> <thead> <tr> <th rowspan="2">LEAD STYLE</th> <th colspan="2">OAL</th> </tr> <tr> <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	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	—
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-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)																																															

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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