

(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:

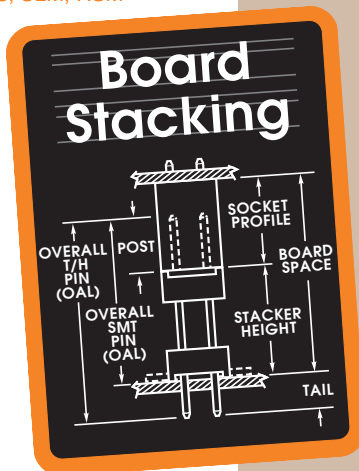
Lead-Free Solderable:

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) (N/A with -A) (Manual placement required) - P = Pick & Place Pad (Requires HDWM)
DWM = Standard Board Spacer HDWM = High Temp Board Spacer						

The diagrams illustrate different lead styles and their dimensions:

- Lead Style Diagrams:**
 - Style 01:** Dimensions include (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, and (0.51) .020 DIA.
 - Style 02:** Similar to style 01 but with different pin configuration.
 - Style 99:** Another variation of the lead style.
- Stacker Height Diagrams:**
 - OAL (Overall Assembly Length):** Shows the total length of the assembly.
 - Stacker Height (5.08):** Minimum dimension for standard stacker height.
 - Stacker Height (6.35):** Dimension for a specific stacker height.
 - Stacker Height (.250):** Minimum dimension for a specific stacker height.

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

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