

(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:

Plating:
Au or Sn over

50μ" (1,27μm) Ni

Current Rating:

1A
Operating Temp Range:

Operating Temp Range
-55°C to +105°C

-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:

Processing.

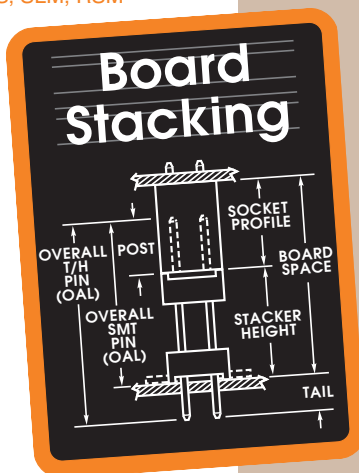
Lead-Free Solderable:

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
T T		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 = (.635mm) .250"		- "XXX" = Polarized Position (Specify position if omitted pin)
DWM	= Standard Board Spacer			HDWM	= High Temp Board Spacer							- 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)

The technical drawings include:

- A top view of a standard strip labeled 'T' with dimensions: pitch (1.27) x .050 X No. of Positions, lead length (2.48) ± .098, and typical width (1.27) x .050 TYP.
- A top view of a double-row strip labeled 'DWM'. It shows two rows of pins with various dimensions including pitches like (2.54) x .100 and (0.46) x .018 SQ.
- A top view of another double-row strip labeled 'HDWM' with similar dimension callouts.
- Two side-view cross-sections comparing different plating options (-L vs -G). They show the stacker height as either (5.08) ± .200 MIN or (6.35) ± .250 MIN, depending on the option chosen.

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

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