

(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:

Operating Temp Range:

Operating Temp Range:
-55°C to + 105°C with Tin

-55°C to + 125°C v

Rot
Yes

HDWM

For complete specifications
see www.samtec.com?HDWM

Same as DWM except
not CSA rated.



Processing:

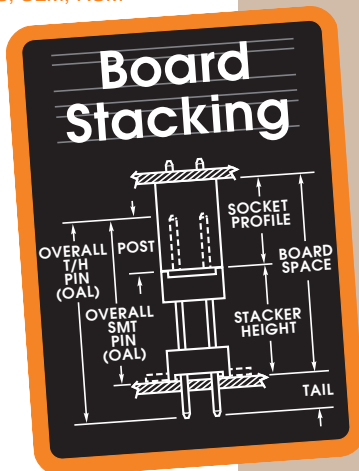
Lead-Free Solderable:

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						

Lead style chart details:

- Top view: (1.27) .050 X No. of Positions, (2.48) .098, (1.27) .050 TYP.
- Side view: (2.54) .100, (4.98) .196, (0.46) .018 SQ.
- Bottom view: (0.51) .020 DIA., (0.00) .000 MIN, (2.54) .100, (3.05) .120.

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	—

Stacker height diagram details:

- OAL
- STACKER HEIGHT (5.08) .200 MIN
- (1.27) .050 TYP
- STACKER HEIGHT (6.35) .250 MIN
- OAL

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

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