

(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

-55°C to +125°C, v

Roll
Yes

HDWM

For complete specifications
see www.samtec.com?HDWM

Same as DWM except
not CSA rated.

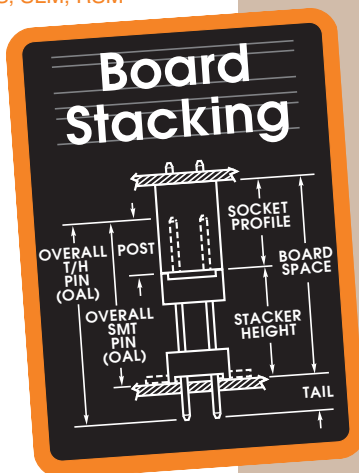
Processing:

Processing.

Lead-Free Solderable:

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" -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

Top view dimensions: (1,27) .050 X No. of Positions, (2,48) .098, (1,27) .050 TYP, (2,54) .100, (4,98) .196, (0,51) .020 DIA.

Side view dimensions: (0,00) .000 MIN, (2,54) .100, (3,05) .120, (0,51) .020 DIA.

Stacker Height dimensions: OAL, STACKER HEIGHT (5,08) .200 MIN, (1,27) .050 TYP, STACKER HEIGHT (6,35) .250 MIN, OAL.

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	—

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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