

(1,27mm) .050"

DWM, HDWM SERIES



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

50 μ " (1,27 μ m) 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:

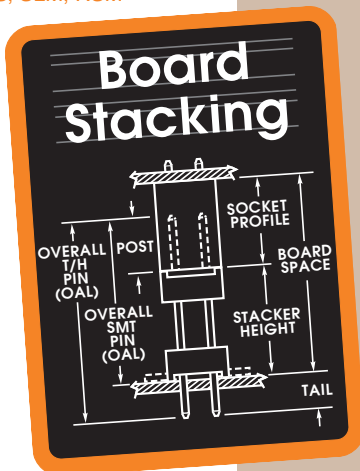
Lead-Free Solderable:

Yes

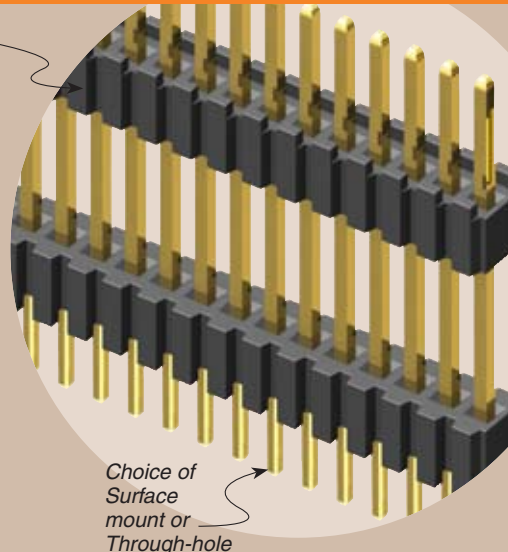
SMT Lead Coplanarity:

(0,15mm) .006" max

Mates with:
SMS, SLM, RSM



Variable stacker height



Ideal for high density "skyscraper" board stacking

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 = 10 μ " (0,25 μ m) Gold contact, Matte Tin on tail -G = 10 μ " (0,25 μ m) 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)

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	—

Dimensions shown in drawings:
 - Overall length: (1,27) .050 X No. of Positions
 - Pin pitch: (1,27) .050 TYP
 - Pin diameter: (0,51) .020 DIA
 - Pin length: (2,54) .100
 - Pin spacing: (0,46) .018 SQ
 - Stacker height: (5,08) .200 MIN
 - Overall assembly height: (1,27) .050 TYP
 - Stacker height: (6,35) .250 MIN
 - Overall assembly height: (1,27) .050
 - Pin length: (2,54) .100
 - Pin spacing: (3,05) .120
 - Pin diameter: (0,51) .020 DIA
 - Pin length: (0,00) .000 MIN

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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