

(1,27mm) .050"

DWM, HDWM SERIES



# MICRO BOARD STACKER

## SPECIFICATIONS

### DWM

For complete specifications see [www.samtec.com?DWM](http://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:

-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](http://www.samtec.com?HDWM)

Same as DWM except not CSA rated.



#### Processing:

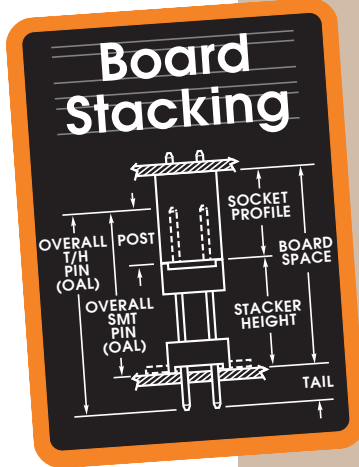
Lead-Free Solderable:

Yes

#### SMT Lead Coplanarity:

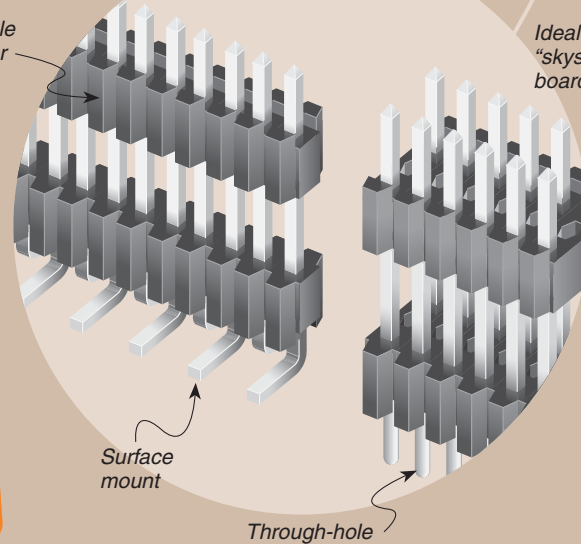
.006" (0,15mm) max

Mates with:  
SMS, SLM, RSM



Variable stacker height

Ideal for high density "skyscraper" board stacking



Surface mount

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)

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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)