

(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:

1A
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:

Processing.

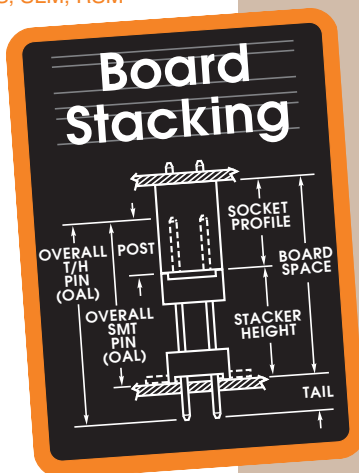
Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

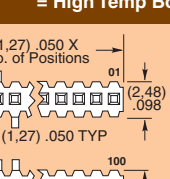
(0,15mm) .006" max

Mates with:
SMS, SLM, RSM

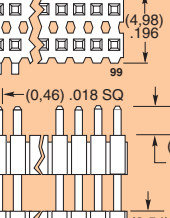
Variable
stacker
height

*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.) (Manual placement required) -P = Pick & Place Pad (Requires HDWM)
	DWM = Standard Board Spacer HDWM = High Temp Board Spacer					
						

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	—



(1,27) .050 X No. of Positions
 (2,48) .098
 (1,27) .050 TYP
 (2,54) .100
 (4,98) .196
 (0,51) .020
 (0,51) .020 DIA
 (3,05) .120
 (0,00) .000 MIN
 (2,54) .100
 (0,51) .020
 (3,05) .120
 (0,00) .000 MIN
 (1,27) .050 TYP
 (1,27) .050
 (6,35) .250 MIN
 (1,27) .050
 (6,35) .250 MIN

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

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