

(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
55°C to 125°C

-55°C to +105°C
 55°F to +105°F

BoHS Compliant

HDWM

For complete specifications
see www.samtec.com?HDWM

Same as DWM except
not CSA rated.

Processing:

Processing.

Lead-Free Solderable:

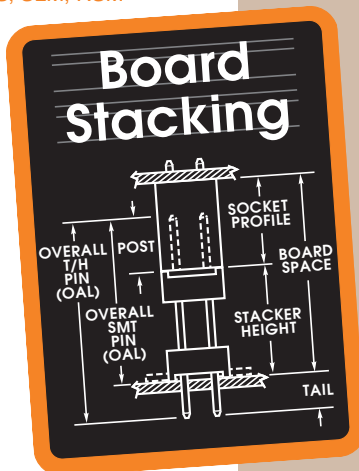
Lead-Free Solders

Yes

SMT Lead Coplanarity:

(0,15mm) .006" max

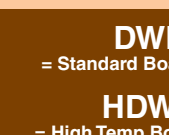
Mates with:
SMS, SLM, RSM

Variable
stacker
height

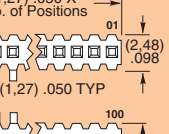
*Ideal for high density
"skyscraper"
board stacking*

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					



(1,27) .050 X No. of Positions
 (2,48) .098
 (1,27) .050 TYP
 (2,54) .100
 (4,98) .196
 (0,51) .020
 (0,46) .018 SQ
 (0,00) .000 MIN
 (2,54) .100
 (3,05) .120
 (0,51) .020 DIA



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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