

(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:

-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:

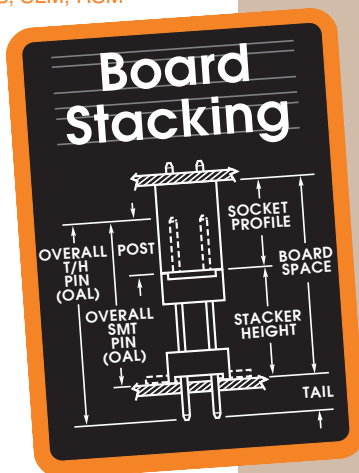
Lead-Free Solderable:

Yes

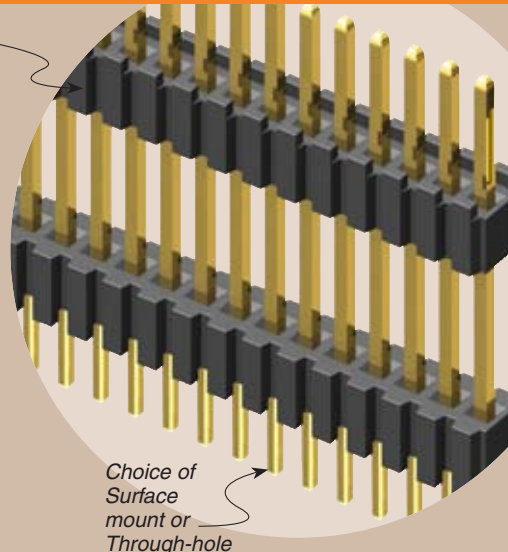
SMT Lead Coplanarity:

(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 = 10μ" (0,25μm) Gold contact, Matte Tin on tail	-S = Single Row	"XXX" = Stacker Height Example: -250 = (6,35mm) .250"	"XXX" = Polarized Position (Specify position of omitted pin)
			-G = 10μ" (0,25μm) Gold on post, Gold flash on tail	-D = Double Row		
	DWM = Standard Board Spacer HDWM = High Temp Board Spacer					-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: (1,27) .050 X No. of Positions, (2,48) .098, (1,27) .050 TYP, (2,54) .100, (4,98) .196, (0,46) .018 SQ, (0,00) .000 MIN, (0,51) .020, (2,54) .100, (3,05) .120, (0,51) .020 DIA.

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

OAL: (11,43) .450, (10,41) .410, (10,80) .425, (12,83) .505, (14,10) .555, (15,49) .610, (15,88) .625, (16,51) .650, (17,91) .705, (19,18) .755, (20,96) .825, (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