

(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:

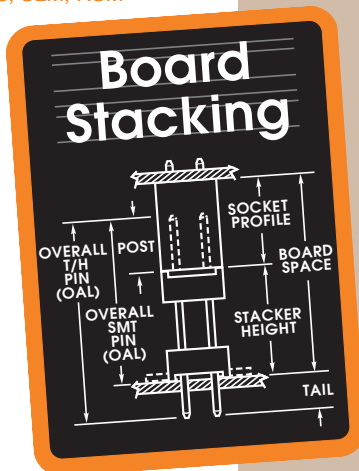
Lead-Free Solderable:

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"

DWM
= Standard Board Spacer

HDWM
= High Temp Board Spacer

Technical drawings of DWM and HDWM stacker types. The top drawing shows a DWM stacker with 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, and (0.51) .020 DIA. The bottom drawing shows an HDWM stacker with dimensions: (1.27) .050 TYP, (5.08) .200 MIN, (1.27) .050, (6.35) .250 MIN, and (1.27) .050.

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	—

Cross-sectional diagram of a stacker assembly. It shows two types of stackers: a through-hole type and a surface mount type. The through-hole type has dimensions: (1.27) .050 TYP, (5.08) .200 MIN, and (1.27) .050. The surface mount type has dimensions: (1.27) .050, (6.35) .250 MIN, and (1.27) .050.

-“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)

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

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