

(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:

Plating:
Au or Sn over

50μ" (1,27μm) Ni

Current Rating:

1A
Operating Temp Range:

Operating Temp Range
-55°C to +105°C

-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:

Processing.

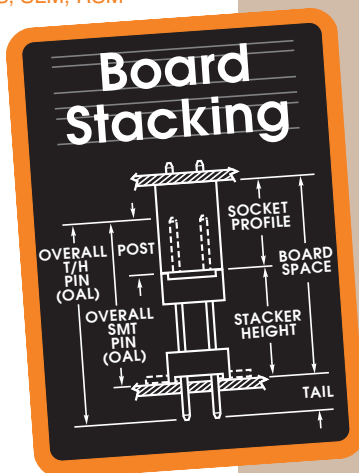
Lead-Free Solderable:

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)

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	—

-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)

Technical drawing of a strip connector. The top view shows a strip with pins and leads. Dimensions include: (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, and (0,00) .000 MIN. The side view shows the profile of the strip with dimensions: (1,27) .050 TYP, (5,08) .200 MIN, (6,35) .250 MIN, (1,27) .050 TYP, (5,08) .200 MIN, and (6,35) .250 MIN.

Technical drawing of a strip connector. The side view shows the profile of the strip with dimensions: (1,27) .050 TYP, (5,08) .200 MIN, (6,35) .250 MIN, (1,27) .050 TYP, (5,08) .200 MIN, and (6,35) .250 MIN. The top view shows the strip with pins and leads, with dimensions: (1,27) .050 TYP, (5,08) .200 MIN, (6,35) .250 MIN, (1,27) .050 TYP, (5,08) .200 MIN, and (6,35) .250 MIN.

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

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