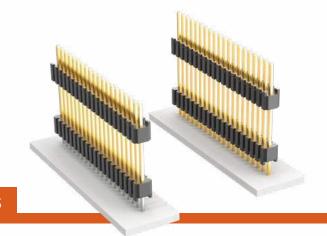
MICRO BOARD STACKER

(1.27 mm) .050" PITCH • DWM/HDWM SERIES



DWM/HDWM

Mates:

SMS, SLM, RSM

SPECIFICATIONS

Insulator Material: Liquid Crystal Polymer
Terminal Material: Phosphor Bronze **Plating:** Au or Sn over 50 μ" (1.27 μm) Ni

Operating Temp Range: -55 °C to +105 °C with Tin -55 °C to +125 °C with Gold

PROCESSING

Lead-Free Solderable:

SMT Lead Coplanarity: (0.15 mm) .006" max* *(.004" stencil solution may be available; contact

IPG@samtec.com)

ALSO AVAILABLE

LEAD THROUGH-

-01

-51

-52

-53

-54

-55

-56

-57

-58

-59

-60

-61

mechanical board spacers

be used in applications with gold or selective gold

plated connectors. Contact ipg@samtec.com for more information.

For added mechanical stability, Samtec recommends

HOLE

(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

Other Platings (MOQ Required)



PER ROW

01 thru 50

← (1.27) .050 x No. of Positions →

(2.48) 0.098

STYLE

Specify

LEAD

STYLE

from

chart

OPTION

OPTION

ROW

-S

= Single

Row

-D

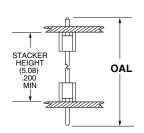
= Double

Row

= 10 µ" (0.25 µm) Gold on contact Matte Tin on tail

-GGold on contact

= 10 µ" (0.25 µm) Gold flash on tail



STACKER HEIGHT

-"XXX" = Stacker

Height Example: -200 = (5.08 mm) .200"

OTHER OPTION

– "XXX"

= Polarized Position (Specify position of omitted pin)

OAL		
LEAD STYLE	THROUGH- HOLE	
-01	(11.43) .450	
-51	(10.41) .410	
-52	(10.80) .425	
-53	(12.83) .505	
-54	(14.10) .555	
-55	(15.49) .610	
-56	(15.88) .625	
-57	(16.51) .650	
-58	(17.91) .705	
-59	(19.18) .755	
-60	(20.96) .825	
-61	(26.67) 1.050	

HDWM

SURFACE

MOUNT

(8.38) .330

(9.78) .385

(11.05) .435

(12.45) .490

(12.83) .505

(13.46) .530

(14.86) .585

(15.62) .615



STYLE

Specify LEAD

STYLE

from

chart

(0.00)

(2.54) .100 (3.05)

PLATING OPTION

OPTION

-S

Row -D = Double Row

-"XXX" = Single = Stacker Height

STACKER HEIGHT

Example: -250 = (6.35 mm) 250

OPTION

- "XXX"	
 Polarized Position (Specify position of omitted pin) 	1

- SM = Surface Mount (02 thru 40 positions only)

- A = Alignment Pin

(6 positions minimum –D only) Metal or plastic at Samtec discretion (Not available with -LC)

- LC = Locking Clip (5 positions minimum –D only) (Not available with -A) (Manual placement required)

- P

= Pick & Place Pad

01 thru 50

-(1.27) .050 x No. of Positions -

(2.48)

-L = 10 µ" (0.25 µm) Gold on contact, Matte Tin

> -G = 10 µ" (0.25 µm) Gold on contact, Gold flash on tail

on tail

(2.54) (3.05)

Ή STACKER HEIGHT (6.35) .250 MIN OAL OAL Ti П

This Series is non-standard. non-returnable.