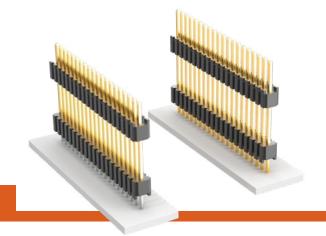
# **MICRO BOARD STACKER**

(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** 

**ROW** OPTION

> -S = Single Row -D

= Double

Row

-G

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

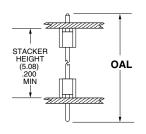
= 10 µ"

(0.25 µm) Gold on

contact

Matte Tin

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

(0.00)

(2.54) .100 ↓ (3.05) .120

**PLATING** OPTION

-L = 10 µ" (0.25 µm)

Gold on

contact, Matte Tin

on tail

-G

= 10 µ" (0.25 µm)

Gold on

contact,

Gold flash

on tail

OPTION

-D

-S = Single Row

= Double Row

-"XXX" = Stacker

STACKER HEIGHT

Height Example: -250 = (6.35 mm) 250

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STACKER HEIGHT (6.35)

.250 MIN

OAL

# OTHER OPTION

– "XXX" = Polarized Position (Specify position of omitted pin)

- 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

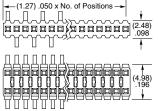
= Locking Clip (5 positions minimum –D only) (Not available with -A) (Manual placement required)

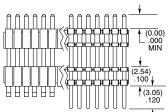
- P

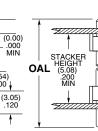
= Pick & Place Pad

# 01 thru 50

Specify LEAD **STYLE** from chart







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### This Series is non-standard. non-returnable.

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

HDWM-13-01-L-D-330-SM