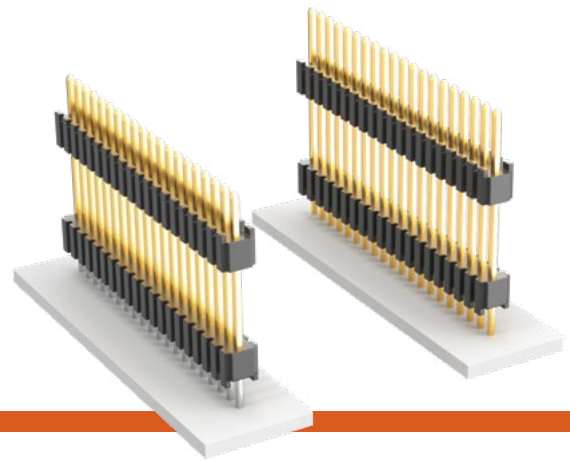


MICRO BOARD STACKER

(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:

Yes

SMT Lead Coplanarity:

(0.15 mm) .006" max*

*(.004" stencil solution may be available; contact

IPG@samtec.com)

ALSO AVAILABLE

Other Platings
(MOQ Required)

DWM	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
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01 thru 50

Specify
LEAD
STYLE
from
chart

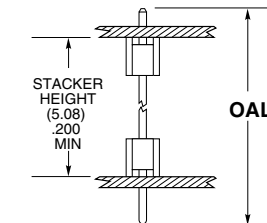
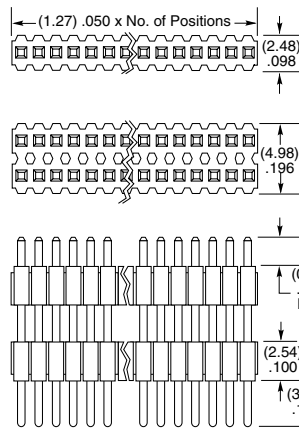
-L
= 10 μ"
(0.25 μm)
Gold on
contact,
Matte Tin
on tail

-S
= Single
Row

-D
= Double
Row

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

- "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	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTION
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01 thru 50

Specify
LEAD
STYLE
from
chart

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

-S
= Single
Row

-D
= Double
Row

- "XXX"
= Stacker
Height
Example:
-250 =
(6.35 mm)
.250"

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

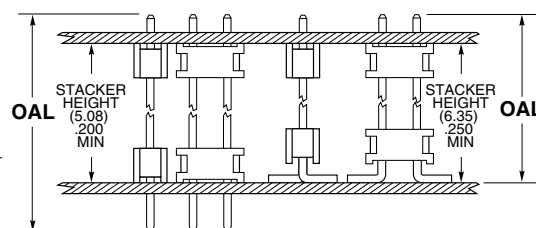
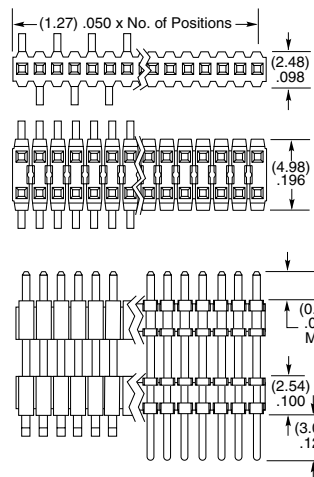
- SM
= Surface Mount
(02 thru 40
positions only)

- 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

OAL		
LEAD STYLE	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	—



Notes:

For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

This Series is non-standard, non-returnable.

samtec.com?DWM or samtec.com?HDWM

F-221

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

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