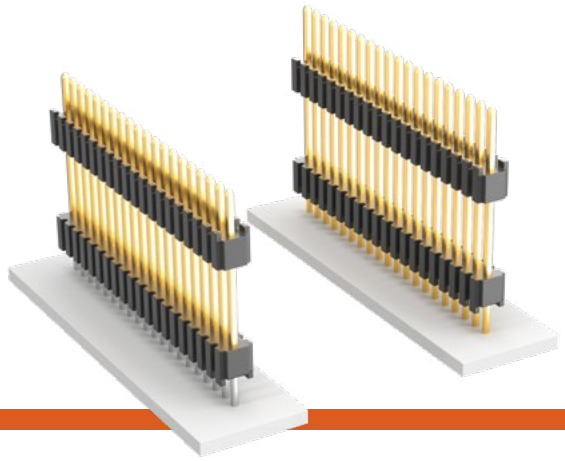
MICRO BOARD STACKER

(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

01 thru 50

Specify LEAD STYLE from chart

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

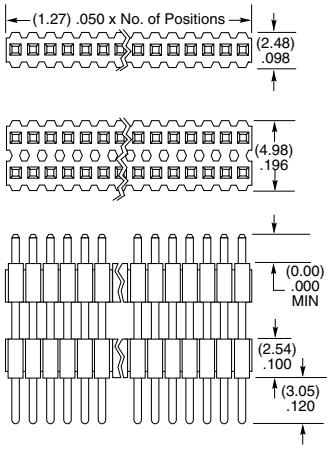
–G
= 10 µ" (0.25 µm) Gold on contact, Gold flash on tail

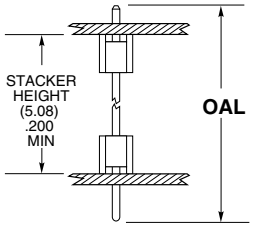
–S
= Single Row

–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

01 thru 50

Specify LEAD STYLE from chart

–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

–S
= Single Row

–D
= Double Row

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

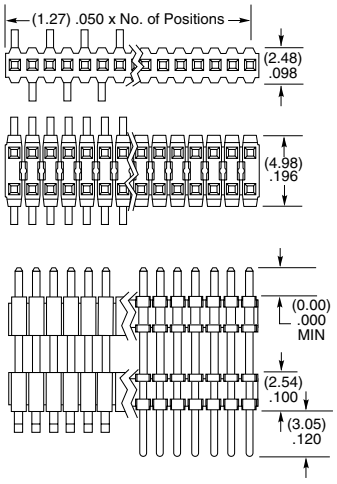
– "XXX"
= Polarized Position (Specify position of omitted pin)

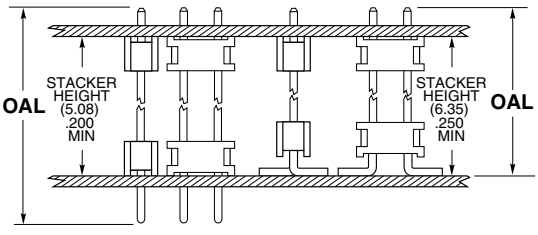
– SM
= Surface Mount (02 thru 40 positions only)

– 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

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.