

(1.27 mm) .050"

DWM-20-58-G-S-427

HDWM-24-59-L-S-300-SM

HDWM-08-56-L-D-312-SM

DWM-06-54-G-D-360

DWM, HDWM SERIES

MICRO BOARD STACKER

SPECIFICATIONS

For complete specifications see www.samtec.com?DWM or www.samtec.com?HDWM

Insulator Material:

LCP

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-55 °C to +105 °C with Tin

-55 °C to +125 °C with Gold

RoHS Compliant:

Yes

Mates with:

SMS, SLM, RSM

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.15 mm) .006" max*

*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

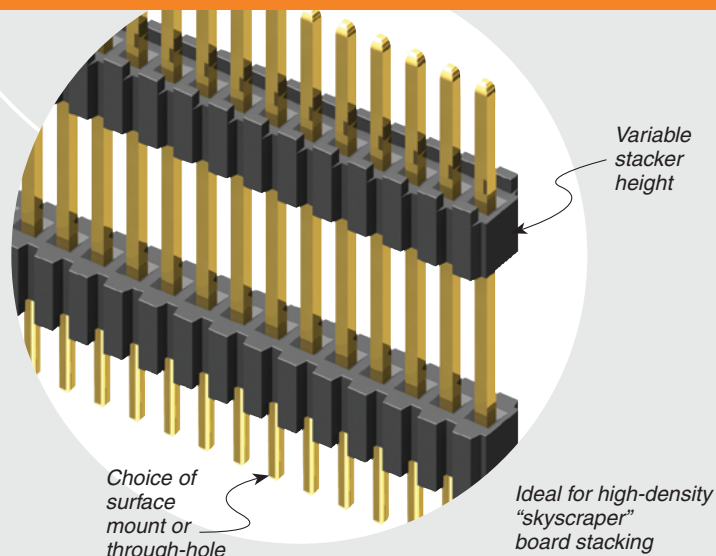


ALSO AVAILABLE (MOQ Required)

- Other platings

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.



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 = 10 μ " (0.25 μ m) Gold contact, Matte Tin on tail -G = 10 μ " (0.25 μ m) Gold on post, 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 (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)																																								
	DWM = Standard Board Spacer HDWM = High Temp Board Spacer <table border="1"> <thead> <tr> <th rowspan="2">LEAD STYLE</th> <th colspan="2">OAL</th> </tr> <tr> <th>THROUGH-HOLE</th> <th>SURFACE MOUNT</th> </tr> </thead> <tbody> <tr><td>-01</td><td>(11.43) .450</td><td>(8.38) .330</td></tr> <tr><td>-51</td><td>(10.41) .410</td><td>—</td></tr> <tr><td>-52</td><td>(10.80) .425</td><td>—</td></tr> <tr><td>-53</td><td>(12.83) .505</td><td>(9.78) .385</td></tr> <tr><td>-54</td><td>(14.10) .555</td><td>(11.05) .435</td></tr> <tr><td>-55</td><td>(15.49) .610</td><td>(12.45) .490</td></tr> <tr><td>-56</td><td>(15.88) .625</td><td>(12.83) .505</td></tr> <tr><td>-57</td><td>(16.51) .650</td><td>(13.46) .530</td></tr> <tr><td>-58</td><td>(17.91) .705</td><td>(14.86) .585</td></tr> <tr><td>-59</td><td>(19.18) .755</td><td>(15.62) .615</td></tr> <tr><td>-60</td><td>(20.96) .825</td><td>—</td></tr> <tr><td>-61</td><td>(26.67) 1.050</td><td>—</td></tr> </tbody> </table>						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
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Technical drawing details:
 - Pitch: (1.27) .050 X No. of Positions
 - Lead height: (2.48) .098
 - Lead width: (0.46) .018 SQ
 - Stack height: (5.08) .200 MIN
 - OAL: (1.27) .050 TYP
 - Pin diameter: (0.51) .020 DIA

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

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All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.