

(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

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.15 mm) .006" max*

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

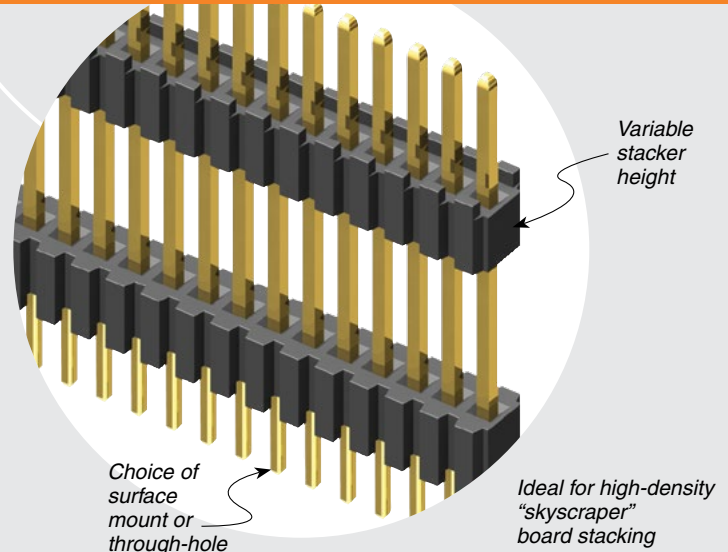
RECOGNITIONS

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



FILE NO. E111594

Mates with:
SMS, SLM, RSM



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	-S = Single Row -D = Double Row	-“XXX” = Stacker Height Example: -250 = (6.35 mm) .250"	-“XXX” = Polarized Position (Specify position of omitted pin)																																								
			-G = 10 μ " (0.25 μ m) Gold on post, Gold flash on tail	-SM = Surface Mount (Requires HDWM. 02 thru 40 positions only.)																																										
			<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	—	-A = Alignment Pin (Requires HDWM. 6 positions min -D only.) Metal or plastic at Samtec discretion (N/A with -LC)
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					-LC = Locking Clip (Requires HDWM. 5 positions min. -D only) (N/A with -A) (Manual placement required)	-P = Pick & Place Pad (Requires HDWM)																																								

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.

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

WWW.SAMTEC.COM

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.

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.