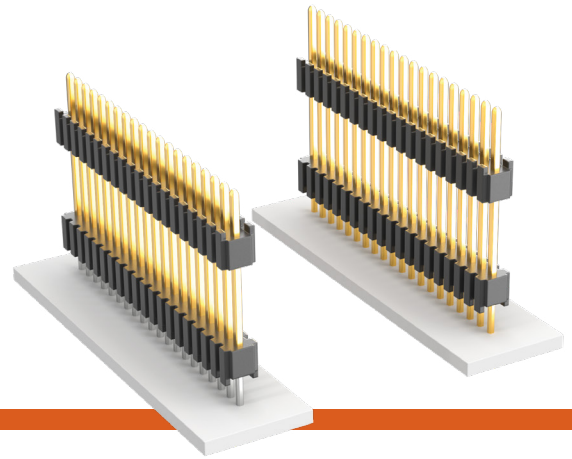


MICRO BOARD STACKER

(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 μ m) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin
-55 °C to +125 °C with Gold

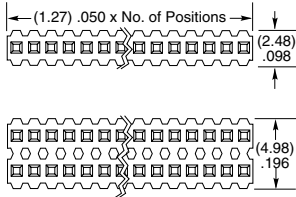
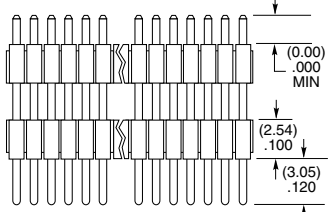
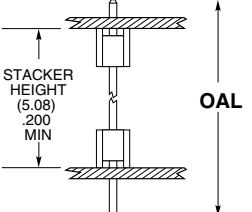
PROCESSING

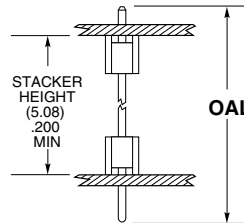
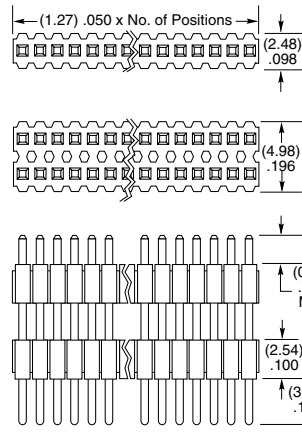
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact ipg@samtec.com)

ALSO AVAILABLE

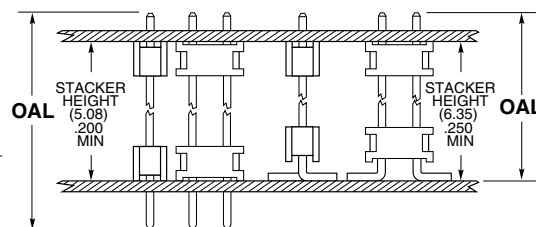
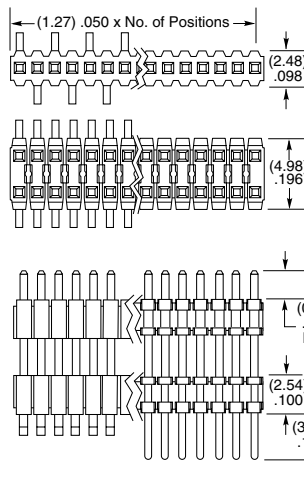
Contact Samtec

Other Platings

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)																												
																																		
																																		
			<table><tr><th colspan="2">OAL</th></tr><tr><th>LEAD STYLE</th><th>THROUGH-HOLE</th></tr><tr><td>-01</td><td>(11.43) .450</td></tr><tr><td>-51</td><td>(10.41) .410</td></tr><tr><td>-52</td><td>(10.80) .425</td></tr><tr><td>-53</td><td>(12.83) .505</td></tr><tr><td>-54</td><td>(14.10) .555</td></tr><tr><td>-55</td><td>(15.49) .610</td></tr><tr><td>-56</td><td>(15.88) .625</td></tr><tr><td>-57</td><td>(16.51) .650</td></tr><tr><td>-58</td><td>(17.91) .705</td></tr><tr><td>-59</td><td>(19.18) .755</td></tr><tr><td>-60</td><td>(20.96) .825</td></tr><tr><td>-61</td><td>(26.67) 1.050</td></tr></table>				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
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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																																										
<table><tr><th colspan="3">OAL</th></tr><tr><th>LEAD STYLE</th><th>THROUGH-HOLE</th><th>SURFACE MOUNT</th></tr><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></table>							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	—
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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.

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F-226

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.