

# BOARD STACKER DW, EW, ZW & HW SERIES



Mates with:  
SSW, SSQ, ESW, ESQ,  
CES, SLW, BSW, BCS,  
SSM, IDSS, IDSD, HLE

## SPECIFICATIONS

For complete specifications see [www.samtec.com?DW](http://www.samtec.com?DW), [www.samtec.com?EW](http://www.samtec.com?EW) or [www.samtec.com?ZW](http://www.samtec.com?ZW)

**DW, EW, ZW**  
Insulator Material: Black Glass Filled Polyester  
Terminal Material: Phosphor Bronze  
Plating: Au or Sn over 50µ" (1,27µm) Ni  
Operating Temp Range: -55°C to +125°C with Gold  
-55°C to +105°C with Tin  
RoHS Compliant: Yes

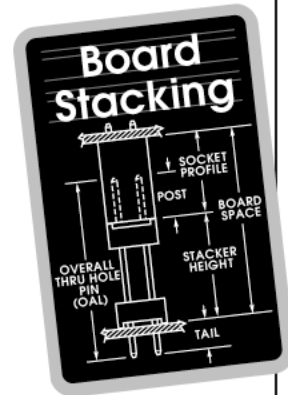
**Processing:**  
Lead-Free Solderable:  
Wave Only

## SPECIFICATIONS

For complete specifications see [www.samtec.com?HW](http://www.samtec.com?HW)

**HW**  
Same as ZW except:  
Insulator Material: Natural Liquid Crystal Polymer  
RoHS Compliant: Yes

**Processing:**  
Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x  
Lead-Free Solderable: Yes



TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTIONS																											
<b>DW</b> = (2,79mm) .110" Tail	Specify LEAD STYLE from chart	<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>OAL</th> </tr> </thead> <tbody> <tr><td>-07</td><td>(10,92),430</td></tr> <tr><td>-08</td><td>(13,46),530</td></tr> <tr><td>-09</td><td>(18,54),730</td></tr> <tr><td>-10</td><td>(21,08),830</td></tr> <tr><td>-11</td><td>(23,62),930</td></tr> <tr><td>-12</td><td>(26,16),1,030</td></tr> <tr><td>-13</td><td>(31,24),1,230</td></tr> <tr><td>-14</td><td>(36,32),1,430</td></tr> <tr><td>-15</td><td>(16,00),630</td></tr> <tr><td>-16</td><td>(11,30),445</td></tr> <tr><td>-17</td><td>(12,19),480</td></tr> <tr><td>-19</td><td>(33,78),1,330</td></tr> <tr><td>-20</td><td>(28,70),1,130</td></tr> </tbody> </table>	LEAD STYLE	OAL	-07	(10,92),430	-08	(13,46),530	-09	(18,54),730	-10	(21,08),830	-11	(23,62),930	-12	(26,16),1,030	-13	(31,24),1,230	-14	(36,32),1,430	-15	(16,00),630	-16	(11,30),445	-17	(12,19),480	-19	(33,78),1,330	-20	(28,70),1,130	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p> <p><b>-T</b> = Triple Row</p> <p><b>-Q</b> = Double Row .200" (5,08mm) row space</p>	<p><b>-XXX</b> = Stacker Height</p> <p><b>-XXX</b> = ZW or HW Tail Length</p>	<p><b>-LL</b> = Locking Lead (Shortest dimension between the tail and the post is the end that will be crimped. Available on tails from (2,29) .090" to (7,87) .310" only.)</p> <p><b>-L</b> = 10µ" (0,25µm) Gold on contact area of longer tail, Matte Tin on tail</p> <p><b>-G</b> = 10µ" (0,25µm) Gold on contact area of longer tail, Gold flash on balance</p> <p><b>-T</b> Matte Tin</p> <p><b>-S</b> = 30µ" (0,76µm) Gold on contact area of longer tail, Matte Tin on tail</p>
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<b>EW</b> = (8,38mm) .330" Tail																																	
<b>ZW</b> = Custom Tail	<h3>01 thru 50</h3> <p><b>-S</b></p> <p><b>-D</b></p> <p><b>-T</b> or <b>-Q*</b></p> <p><b>-Q*</b> = Same as -T except middle row of pins missing.</p>																																
<b>HW</b> = High Temp Custom Tail																																	

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

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