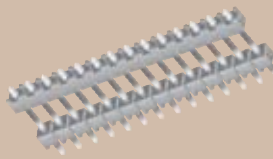
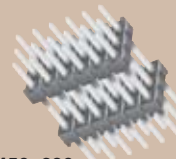


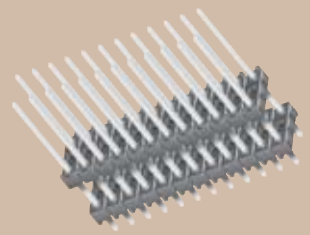
HW-14-08-G-S-400-100



ZW-06-10-G-T-450-230



DW-12-12-L-Q-400



(2,54mm) .100"

DW, EW, ZW, HW SERIES

# FLEXIBLE .025" SQ BOARD STACKERS

**Mates with:**

SSW, SSQ, ESW, ESQ, CES, SLW, BSW, BCS, SSM, IDSS, IDSD, HLE, PHF, SMSD, SMSS

**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

**Current Rating:**

3A @ 80°C ambient

**Operating Temp Range:**

-55°C to +125°C with Gold

-55°C to +105°C with Tin

**RoHS Compliant:**

Yes

**Lead-Free Solderable:**

Wave Only



**SPECIFICATIONS**

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

**HW**

Same as ZW except:

**Insulator Material:**

Natural Liquid

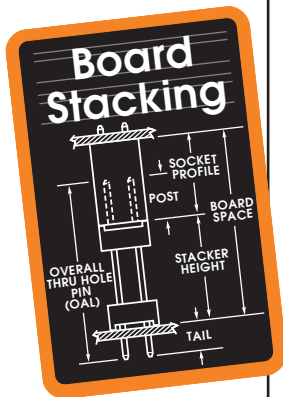
Crystal Polymer

**RoHS Compliant:**

Yes

**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	<p><b>Specify LEAD STYLE from chart</b></p> <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>POST</b> (0,00) .000 MIN</p> <p><b>OVERALL LENGTH (OAL)</b></p> <p><b>STACKER HEIGHT</b></p> <p><b>TAIL</b> (1,40) .055 MIN</p>	<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>STACKER HEIGHT (5,08) 200 MIN</p>	<p><b>"XXX"</b> = ZW or HW Tail Length</p> <p>ZW or HW TAIL LENGTH (1,40) .055 MIN</p>
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<b>EW</b> = (8,38mm) .330" Tail		<p><b>01 thru 50</b></p> <p>(2,54) .100 x No. of Positions</p> <p>50 01</p> <p>(2,54) .100</p> <p><b>-S</b></p> <p>02 100</p> <p>(5,08) .200 (2,54) .100</p> <p>01 99</p> <p><b>-D</b></p> <p>03 150</p> <p>(7,52) .296 (5,08) .200</p> <p>01 148</p> <p><b>-T or -Q*</b></p> <p><b>-Q*</b> = Same as -T except middle row of pins missing.</p> <p>(2,54) .100</p> <p>(2,54) .100</p> <p>(0,64) .025 SQ TYP</p>	<p><b>TAIL LENGTH</b></p> <p>(8,38) .330</p>	<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</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>-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.) Single row, 01 &amp; 02 positions &amp; -Q row not available</p> <p><b>"XXX"</b> = Polarized</p> <p>Specify omitted pin position</p>																												
<b>ZW</b> = Custom Tail			<p><b>TAIL LENGTH</b></p>	<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</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>-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.) Single row, 01 &amp; 02 positions &amp; -Q row not available</p> <p><b>"XXX"</b> = Polarized</p> <p>Specify omitted pin position</p>																												
<b>HW</b> = High Temp Custom Tail			<p><b>TAIL LENGTH</b></p>	<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</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>-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.) Single row, 01 &amp; 02 positions &amp; -Q row not available</p> <p><b>"XXX"</b> = Polarized</p> <p>Specify omitted pin position</p>																												

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

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