



HW-14-08-G-S-300-100



DW-11-20-T-D-825



(2,54 mm) .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), [www.samtec.com?ZW](http://www.samtec.com?ZW) or [www.samtec.com?HW-TH](http://www.samtec.com?HW-TH)

**Insulator Material:**  
DW, EW, ZW: Black Glass Filled Polyester  
HW: Natural Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over 50µ" (1,27 µm) Ni

**Operating Temp Range:**  
-55°C to +125°C with Gold  
-55°C to +105°C with Tin  
**RoHS Compliant:**  
Yes  
**Lead-Free Solderable:**  
DW, EW, ZW: Wave Only  
HW: Yes

**RECOGNITIONS**

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**ALSO AVAILABLE (MOQ Required)**

- Other platings
- Contact Samtec.

**Note:** For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact [ipg@samtec.com](mailto:ipg@samtec.com) for more information.

**Note:** This Series is non-standard, non-returnable.

TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTIONS																										
<b>DW</b> = (2,79 mm) .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>-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" (5,08 mm) row space</p>	<p><b>"XXX"</b> = Stacker Height</p>	<p><b>"XXX"</b> = ZW or HW Tail Length</p>
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																														
<b>EW</b> = (8,38 mm) .330" Tail		<p><b>-F</b> = Gold flash on contact, Matte Tin on tail</p>	<p><b>-L</b> = 10µ" (0,25 µm) Gold on contact area of longer tail, Matte Tin on tail</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 mm) .090" to (7,87 mm) .310" only.) Single row, 01 &amp; 02 positions &amp; -Q row not available</p>																												
<b>ZW</b> = Custom Tail		<p><b>-G</b> = 10µ" (0,25 µm) Gold on contact area of longer tail, Gold flash on balance</p>	<p><b>-T</b> = Matte Tin</p>	<p><b>"XXX"</b> = Polarized Specify omitted pin position</p>																												
<b>HW</b> = High Temp Custom Tail		<p><b>01 thru 50</b></p> <p><b>-S</b> <b>-D</b> <b>-T or -Q*</b> <b>-Q*</b> = Same as -T except middle row of pins missing.</p>																														

