

# FLEX STACK



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



DW-11-20-T-D-825

(2.54 mm) .100"

DW, EW, ZW, HW-TH SERIES

# FLEXIBLE .025" SQ BOARD STACKERS

**Mates with:**

SSW, SSQ, ESW, ESQ, CES, SLW, BSW, BCS, SSM, HLE, PHF

**Cable Mates:**

IDSS, IDSD

## 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 50 μ" (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:

No, Lead Wave Only

HW: Yes

## RECOGNITIONS

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



FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other platings

**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](mailto:ipg@samtec.com) for more information.

This Series is non-standard, non-returnable.

TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTIONS																										
<p><b>DW</b> = (2.79 mm) .110" Tail</p>	<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>ROW OPTION</b></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" (5.08 mm) row space</p>	<p><b>STACKER HEIGHT</b></p> <p><b>-“XXX”</b> = Stacker Height (in inches) (5.08 mm) .200" minimum Example: -250 = (6.35 mm) .250"</p>	<p><b>OTHER OPTIONS</b></p> <p><b>-“XXX”</b> = ZW or HW Tail Length (in inches) (1.40 mm) .055" minimum Example: -250 = (6.35 mm) .250"</p>
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<p><b>EW</b> = (8.38 mm) .330" Tail</p>																																
<p><b>ZW</b> = Custom Tail</p>																																
<p><b>HW</b> = High Temp Custom Tail</p>																																
<p><b>01 thru 50</b></p>		<p><b>PLATING OPTION</b></p> <p><b>-F</b> = Gold flash on contact, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail</p> <p><b>-G</b> = 10 μ" (0.25 μm) Gold on contact area of longer tail, Gold flash on balance</p> <p><b>-T</b> = Matte Tin</p>	<p><b>STACKER HEIGHT</b></p> <p><b>-“XXX”</b> = Polarized Specify omitted pin position</p>																													
<p><b>51 thru 100</b></p>																																
<p><b>101 thru 150</b></p>																																
<p><b>151 thru 200</b></p>																																

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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