

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, www.samtec.com?EW, www.samtec.com?ZW or 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



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 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>DW = (2.79 mm) .110" Tail</p>	<p>Specify LEAD STYLE from chart</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>ROW OPTION</p> <p>-S = Single Row</p> <p>-D = Double Row</p> <p>-T = Triple Row</p> <p>-Q = Double Row .200" (5.08 mm) row space</p>	<p>STACKER HEIGHT</p> <p>- "XXX" = Stacker Height (in inches) (5.08 mm) .200" minimum</p> <p>Example: -250 = (6.35 mm) .250"</p>	<p>OTHER OPTIONS</p> <p>- "XXX" = ZW or HW Tail Length (in inches) (1.40 mm) .055" minimum</p> <p>Example: -250 = (6.35 mm) .250"</p>
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<p>01 thru 50</p>		<p>PLATING OPTION</p> <p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10 μ" (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail</p> <p>-G = 10 μ" (0.25 μm) Gold on contact area of longer tail, Gold flash on balance</p> <p>-T = Matte Tin</p>	<p>STACKER HEIGHT</p> <p>- "XXX" = ZW or HW Tail Length (in inches) (1.40 mm) .055" minimum</p> <p>Example: -250 = (6.35 mm) .250"</p>																													
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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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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