

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 μm (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>01 thru 50</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>-XXX = Stacker Height (in inches) (5.08 mm) .200" minimum Example: -250 = (6.35 mm) .250"</p> | <p>-XXX = ZW or HW Tail Length (in inches) (1.40 mm) .055" minimum Example: -250 = (6.35 mm) .250"</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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>EW = (8.38 mm) .330" Tail</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ZW = Custom Tail</p> | <p>-F = Gold flash on contact, Matte Tin on tail</p> <p>-L = 10 μm (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail</p> <p>-G = 10 μm (0.25 μm) Gold on contact area of longer tail, Gold flash on balance</p> <p>-T = Matte Tin</p> | <p>-LL = 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 & 02 positions & -Q row not available</p> <p>-XXX = Polarized Specify omitted pin position</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>HW = High Temp Custom Tail</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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