

FLEX STACK



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



DW-11-20-T-D-825

DW, EW, ZW, HW-TH SERIES

(2.54 mm) .100"

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>01 thru 50</p> | <p>-S = Single Row</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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| -19 | (33.78) 1.330 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20 | (28.70) 1.130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>EW = (8.38 mm) .330" Tail</p> | <p>-D = Double Row</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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ZW = Custom Tail</p> | <p>-T = Triple Row</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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>HW = High Temp Custom Tail</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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <p>-F = Gold flash on contact, Matte Tin on tail</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>-L = 10 μ" (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail</p> | <p>-XXX = Polarized Specify omitted pin position</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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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