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

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.

WWW.SAMTEC.COM

FLEXIBLE .025" SQ BOARD STACKERS

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

Cable Mates:
IDSS, IDSD, SMSD, SMSS

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

ALSO AVAILABLE

• Other platings
  Contact Samtec.

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.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>STRIP</th>
<th>NO. PINS</th>
<th>LEAD STYLE</th>
<th>PLATING OPTION</th>
<th>ROW OPTION</th>
<th>STACKER HEIGHT</th>
<th>OTHER OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DW</td>
<td>(2.79 mm)</td>
<td>.110&quot; Tail</td>
<td>– 07</td>
<td>.030&quot; (10.00)</td>
<td>– S = Single Row</td>
<td>– “XXX” = Stack Height (in inches)</td>
<td></td>
</tr>
<tr>
<td>EW</td>
<td>(8.38 mm)</td>
<td>.330&quot; Tail</td>
<td>– 09</td>
<td>.045&quot; (13.46)</td>
<td>– D = Double Row</td>
<td>– ”XXX” = ZW or HW Tail Length (in inches)</td>
<td></td>
</tr>
<tr>
<td>ZW</td>
<td>Custom Tail</td>
<td>– 10</td>
<td>.060&quot; (18.54)</td>
<td>– T = Triple Row</td>
<td>– S = Single Row</td>
<td>– ”XXX” = ZW or HW Tail Length (in inches)</td>
<td></td>
</tr>
<tr>
<td>HW</td>
<td>High Temp Custom Tail</td>
<td>– 11</td>
<td>.075&quot; (21.08)</td>
<td>– Q = Double Row .200&quot; (5.08 mm) row space</td>
<td>– ”XXX” = ZW or HW Tail Length (in inches)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specify LEAD STYLE from chart

- F = Gold flash on contact, Matte Tin on tail
- L = 10 µ" (0.25 µm) Gold on contact area of longer tail, Matte Tin on tail
- G = 10 µ" (0.25 µm) Gold on contact area of longer tail, Gold flash on balance
- T = Matte Tin

- 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

- “XXX” = Polarized Specify omitted pin position