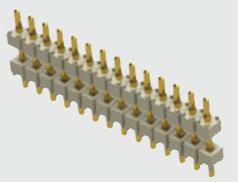


# FLEX STACK

(2.54 mm) .100"

ZW-06-13-L-D-787-118



DW-11-20-T-D-825

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  $\mu$ " (1.27  $\mu$ m) Ni

## Operating Temp Range:

-55  $^{\circ}$ C to +125  $^{\circ}$ C with Gold  
-55  $^{\circ}$ C to +105  $^{\circ}$ 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																												
	DW = (2.79 mm) .110" Tail	<b>Specify LEAD STYLE from chart</b>		<b>-S</b> = Single Row	<b>-"XXX"</b> = ZW or HW Tail Length (in inches) (5.08 mm) .200" minimum	<b>-"XXX"</b> = ZW or HW Tail Length (in inches) (5.08 mm) .055" minimum																												
	EW = (8.38 mm) .330" Tail	<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	<b>-D</b> = Double Row	<b>-T</b> = Triple Row	<b>-Q</b> = Double Row .200" (5.08 mm) row space
LEAD STYLE	OAL																																	
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	ZW = Custom Tail	<b>01 thru 50</b>		<b>-LL</b> = 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.)	<b>-F</b> = Gold flash on contact, Matte Tin on tail	<b>-L</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact area of longer tail, Matte Tin on tail																												
	HW = High Temp Custom Tail	<p><b>01 thru 50</b></p> <p>01: (2.54) .100 x 50 No. of Positions (2.54) .100</p> <p>02: (5.08) .200 01 100 (2.54) .100</p> <p>03: (7.52) .296 01 150 (5.08) .200</p> <p>100: (2.54) .100 99 148 (2.54) .100</p> <p>150: (2.54) .100 148 (2.54) .100</p> <p><b>-T or -Q*</b></p> <p><b>-Q*</b> = Same as -T except middle row of pins missing.</p>		<b>-G</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on contact area of longer tail, Gold flash on balance	<b>-T</b> = Matte Tin	<b>-"XXX"</b> = Polarized Specify omitted pin position																												

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

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

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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