

(2,54 mm) .100"

DW, EW, ZW, HW SERIES

# FLEXIBLE .025" SQ BOARD STACKERS

**Mates with:**  
SSW, SSQ, ESW, ESQ, CES, SLW, BSW, BCS, SSM, IDSS, IDSD, HLE, PHF, SMSD, SMSS

## 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 50µ" (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: Wave Only  
HW: Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



TYPE STRIP	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	STACKER HEIGHT	OTHER OPTIONS
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**DW**  
= (2,79 mm) .110" Tail

**EW**  
= (8,38 mm) .330" Tail

**ZW**  
= Custom Tail

**HW**  
= High Temp Custom Tail

### Specify LEAD STYLE from chart

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

### 01 thru 50

50 (2,54) .100 x No. of Positions 01 (2,54) .100

02 (5,08) .200 100 (2,54) .100 99

03 (7,52) .296 150 (5,08) .200 148

(2,54) .100 (0,64) .025 SQ TYP

- S = Single Row
- D = Double Row
- T = Triple Row
- Q = Double Row .200" (5,08 mm) row space

- "XXX" = Stacker Height

- "XXX" = ZW or HW Tail Length

- F = Gold flash on contact, Matte Tin on tail
- L = 10µ" (0,25 µm) Gold on contact area of longer tail, Matte Tin on tail
- G = 10µ" (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

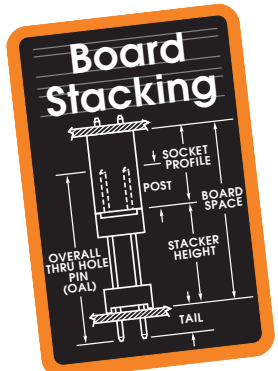
- "XXX" = Polarized  
Specify omitted pin position

**ALSO AVAILABLE (MOQ Required)**

- Other platings
- Contact Samtec.

**Note:** 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.

**Note:** This Series is non-standard, non-returnable.



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

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