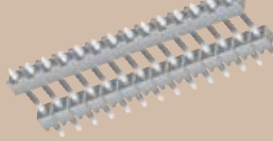



**FLEX  
STACK**

(2,54 mm) .100"

DW, EW, ZW, HW SERIES

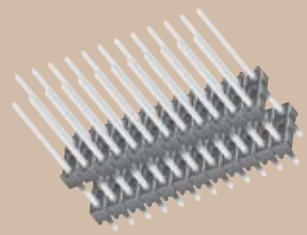
HW-14-08-G-S-400-100



ZW-06-10-G-T-450-230



DW-12-12-L-Q-400



# 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) or  
[www.samtec.com?ZW](http://www.samtec.com?ZW)

## DW, EW, ZW

### Insulator Material:

Black Glass  
Filled Polyester

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over

50µ" (1,27 µm) Ni

### Current Rating:

3A per contact @

80°C ambient

### Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Wave Only



## SPECIFICATIONS

For complete specifications  
see [www.samtec.com?HW](http://www.samtec.com?HW)

## HW

Same as ZW except:

### Insulator Material:

Natural Liquid

Crystal Polymer

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Yes



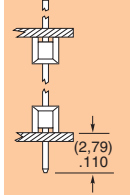
**Note:** For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact [jpg@samtec.com](mailto:jpg@samtec.com) for more information.

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

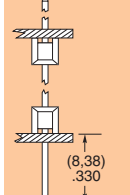
## TYPE STRIP



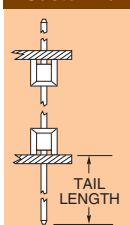
**DW**  
= (2,79 mm)  
.110" Tail



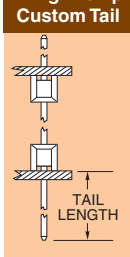
**EW**  
= (8,38 mm)  
.330" Tail



**ZW**  
= Custom Tail



**HW**  
= High Temp Custom Tail



## NO. PINS PER ROW

## LEAD STYLE

## PLATING OPTION

## ROW OPTION

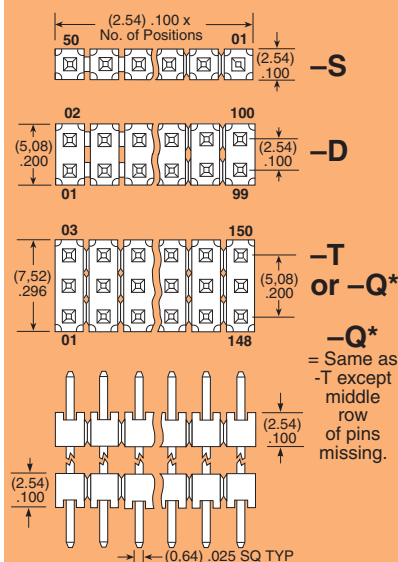
## STACKER HEIGHT

## OTHER OPTIONS

## 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



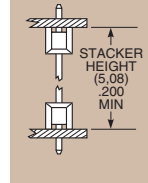
**-S**  
= Single Row

**-D**  
= Double Row

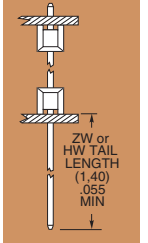
**-T**  
= Triple Row

**-Q**  
= Double Row .200" (5,08 mm) row space

**-“XXX”**  
= Stacker Height



**-“XXX”**  
= ZW or HW Tail Length



**-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

**-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

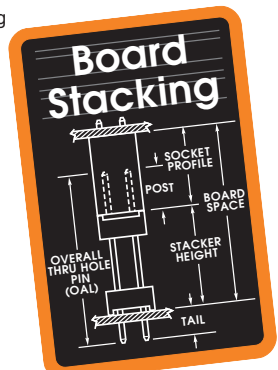
**-G**  
= 10µ" (0,25 µm) Gold on contact area of longer tail, Gold flash on balance

**-T**  
= Matte Tin

**-“XXX”**  
= Polarized

Specify omitted pin position

**Note:** Other Gold plating options available. Contact Samtec.



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

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