



(2,54 mm) .100"

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

DW-11-20-T-D-825

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](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)



FILE NO. E111594

FILE NO. 090071\_0\_000

## 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.

## TYPE STRIP

## NO. PINS PER ROW

## LEAD STYLE

## PLATING OPTION

## ROW OPTION

## STACKER HEIGHT

## OTHER OPTIONS

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



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



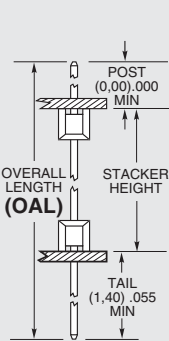
**ZW**  
= Custom Tail



**HW**  
= High Temp  
Custom Tail

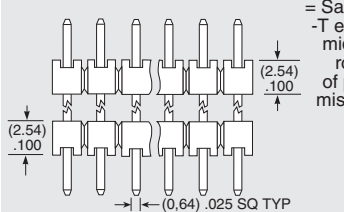
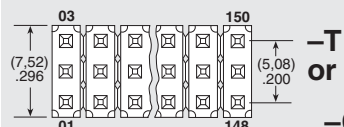
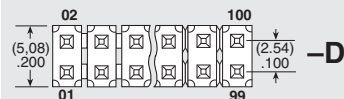
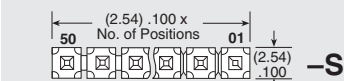


## Specify LEAD STYLE from chart



| 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



**-T or -Q\***  
**-Q\***  
= Same as  
-T except  
middle  
row of pins  
missing.

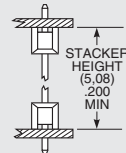
**-S**  
= Single  
Row

**-D**  
= Double  
Row

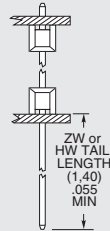
**-T**  
= Triple  
Row

**-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

