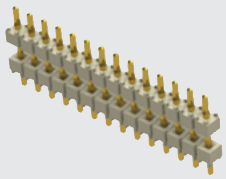
samtec

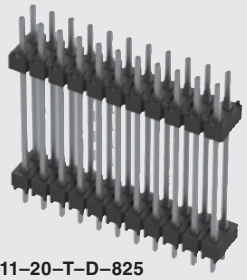
FLEX STACK

(2,54 mm) .100"



HW–14–08–G–S–300–100

ZW–06–13–L–D–787–118



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, 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 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

FILE NO. E111594

FILE NO: 090871_0_000

## ALSO AVAILABLE (MOQ Required)

- Other platings

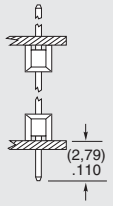
Contact Samtec.

**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 for more information.

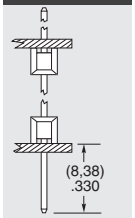
**Note:** This Series is non-standard, non-returnable.

TYPE STRIP – NO. PINS PER ROW – LEAD STYLE – PLATING OPTION – ROW OPTION – STACKER HEIGHT – OTHER OPTIONS

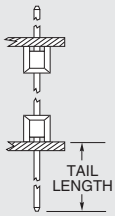
### DW
= (2,79 mm) .110" Tail



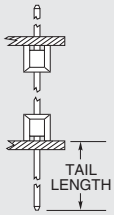

### EW
= (8,38 mm) .330" Tail



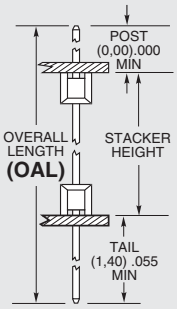

### ZW
= Custom Tail




### HW
= High Temp Custom Tail

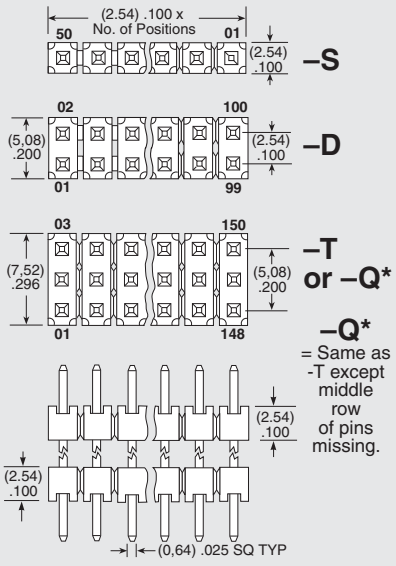



### Specify LEAD STYLE from chart




| 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




**–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

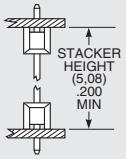
### –F
= Gold flash on contact, Matte Tin on tail

### –L
= 10µ" (0,25 µm) Gold on contact area of longer tail, Matte Tin on tail

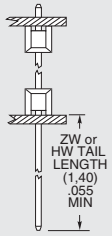
### –G
= 10µ" (0,25 µm) Gold on contact area of longer tail, Gold flash on balance

### –T
= Matte Tin

### –"XXX"
= Stacker Height



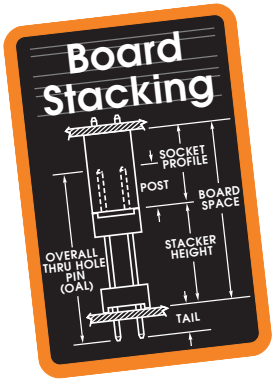

### –"XXX"
= ZW or HW Tail Length




### –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

### –"XXX"
= Polarized

Specify omitted pin position






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