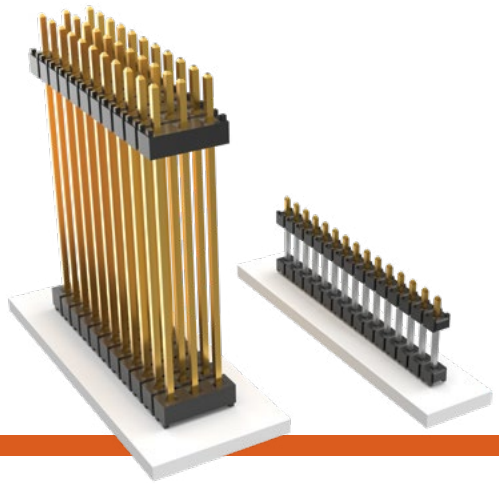
FLEX STACK

# FLEXIBLE .025" SQ BOARD STACKERS

## (2.54 mm) .100" PITCH • DW/EW/ZW SERIES



**DW/EW/ZW**
**Board Mates:**
SSW, SSQ, ESW, ESQ, CES, SLW, BSW, BCS, SSM, HLE, PHF
**Cable Mates:**
IDSS, IDSD

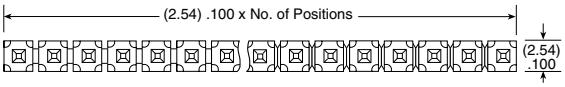
### SPECIFICATIONS

**Insulator Material:**
Black Glass Filled Polyester
**Terminal Material:**
Phosphor Bronze
**Plating:**
Au or Sn over
50 µ" (1.27 µm) Ni
**Operating Temp Range:**
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

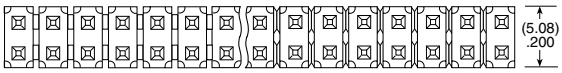
### PROCESSING

**Lead–Free Solderable:**
No, Lead Wave Only

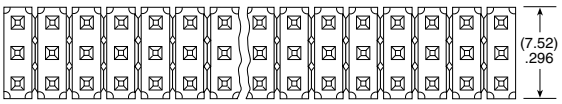
| SERIES | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | STACKER HEIGHT | OTHER OPTION |
|---|---|---|---|---|---|---|
| **DW** = (2.79 mm) .110" Tail<br>**EW** = (8.38 mm) .330" Tail<br>**ZW** = Custom Tail | 01 thru 50 | Specify LEAD STYLE from chart | **–F** = Gold flash on contact, Matte Tin on tail<br>**–L** = 10 µ" (0.25 µm) Gold on contact area of longer tail, Matte Tin on tail<br>**–G** = 10 µ" (0.25 µm) Gold on contact area of longer tail, Gold flash on balance<br>**–T** = Matte Tin | **–S** = Single Row<br>**–D** = Double Row<br>**–T** = Triple Row<br>**–Q** = Double Row .200" (5.08 mm) row space | **–"XXX"** = Stacker Height (in inches) (5.08 mm) .200" minimum<br>Example: –250 = (6.35 mm) .250" | **–"XXX"** = ZW Tail Length (in inches) (1.40 mm) .055" minimum<br>Example: –250 = (6.35 mm) .250"<br>**–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<br>**–"XXX"** = Polarized (Specify omitted pin position) |



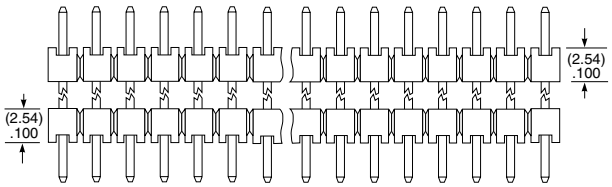

**–S**



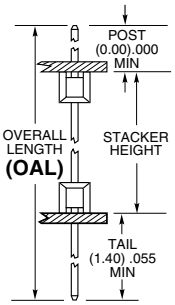

**–D**




**–T or –Q***
–Q* same as –T except middle row pins are removed




| 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 |




**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 for more information.

This Series is non-standard, non-returnable.



samtec.com?DW, samtec.com?EW or samtec.com?ZW

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.