

(2.54 mm) .100"

DW, EW, ZW, HW-TH SERIES

# EXIBLE .025" SQ BOARD STACKERS

#### Mates with:

SSW, SSQ, ESW, ESQ, CES, SLW, BSW, BCS, SSM. HLE. PHF

Cable Mates:

### **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 50 μ" (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:

No, Lead Wave Only HW: Yes

### RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



### ALSO AVAILABLE (MOQ Required)

· Other platings

### 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.

## **STRIP**

DW

= (2.79 mm) .110" Tail

(2.79) .110

ΕW

= (8.38 mm) .330" Tail

(8.38)

NO. PINS **PER ROW** 



**Specify LEAD STYLE** 

from chart

POST (0.00).000 MIN

STACKER HEIGHT

TAIL (1.40) .055 MIN

OVERALL LENGTH (OAL)

LEAD STYLE

-07

- 08

- 09

-10

-11

-12

-13

-14

-15

-16

-17

-19

-20

OAL

(10.92) .430

(13.46) .530

(18.54) .730

(21.08) .830

(23.62) .930

(26.16) 1.03

(31.24) 1.230

36.32) 1.430

(16.00) .630

(11.30) .445

(12.19) .480

(33.78) 1.330

(28.70) 1.130

**OPTION** 

### **ROW OPTION**

= Single Row

-D= Double Row

= Triple Row

 $-\mathbf{Q}$ = Double Row .200" (5.08 mm) row space

### STACKER **HEIGHT**

"XXX" = Stacker Height

(in inches) (5.08 mm) .200" minimum Example:

-250 = (6.35 mm) .250"

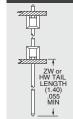


**OTHER** 

**OPTIONS** 

"XXX" = ZW or HW Tail Length (in inches) (1.40 mm) .055 minimum

Example: –250 = (6.35 mm) .250"



### ·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) .<u>31</u>0" only.) Single row, 01 & 02 positions

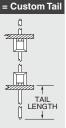
"XXX" = Polarized

& -Q row not

available

Specify omitted pin position

## 01 thru 50



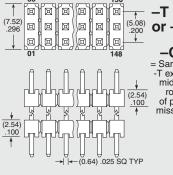
HW

= High Temp

**Custom Tail** 

TAIL LENGTH

ZW



(2.54) .100 x No. of Positions 01 (2.54) 100 (5.08) M M M M M M (2.54) or -Q\* -Q\* = Same as -T except middle row of pins missing.

= Gold flash on contact, Matte Tin on tail = 10 μ" (0.25 μm) Gold on contact area of longer tail, Matte Tin on tail

> –G = 10 µ" (0.25 µm) Gold on contact area of longer tail, Gold flash on balance

> > = Matte Tin

### **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

### Samtec:

ZW-32-10-G-D-380-225 ZW-16-09-G-D-400-095 ZW-20-10-F-D-500-118 ZW-01-08-G-S-320-120 ZW-01-17-T-S-268-100 ZW-02-10-F-S-669-078 ZW-02-10-T-S-430-240 ZW-02-12-G-S-665-115 ZW-02-19-F-D-1060-095 ZW-02-20-G-D-465-430 ZW-03-13-F-S-986-122 ZW-03-14-G-D-925-265 ZW-03-20-G-D-465-430 ZW-03-20-L-D-374-480 ZW-01-14-G-S-1000-163 ZW-02-10-F-S-415-190 ZW-04-08-G-D-280-125 ZW-04-08-L-S-315-107 ZW-04-09-S-S-360-120 ZW-04-10-F-S-445-192 ZW-04-10-G-S-460-150 ZW-02-09-F-D-314-196 ZW-02-10-G-S-540-145 ZW-02-12-G-S-665-135 ZW-02-14-G-D-508-461 ZW-03-07-G-S-200-055 ZW-03-09-T-S-450-140 ZW-03-09-T-S-500-107 ZW-03-15-L-D-255-150 ZW-03-19-G-D-650-160 ZW-03-19-S-S-933-147 ZW-04-09-G-D-272-122 ZW-01-12-T-S-750-140 ZW-01-17-L-S-315-085 ZW-02-09-F-D-375-155 ZW-02-10-S-S-515-072 ZW-01-07-T-S-248-055 ZW-01-07-T-S-248-060 ZW-01-12-G-D-649-190 ZW-01-12-T-D-460-285 ZW-01-12-T-S-200-312 ZW-02-09-F-D-335-145 ZW-02-20-G-D-800-130 ZW-03-09-S-S-430-150 ZW-03-15-G-D-200-214 ZW-04-09-S-D-345-145 ZW-04-10-T-S-200-400 ZW-04-19-G-D-826-251 ZW-02-09-F-S-314-196 ZW-02-09-F-S-511-120 ZW-02-13-F-D-825-158 ZW-03-13-G-D-750-217 ZW-03-19-G-D-925-157 ZW-02-13-G-S-930-150 ZW-02-19-G-S-925-150 ZW-01-07-T-S-208-055 ZW-01-07-T-S-208-079 ZW-01-08-T-S-335-090 ZW-01-10-G-D-400-093 ZW-02-10-F-D-335-145 ZW-02-12-S-D-680-135 ZW-02-15-T-S-355-135 ZW-02-19-G-D-200-565 ZW-01-10-F-S-610-110 ZW-01-13-T-S-923-154 ZW-01-15-F-D-200-100 ZW-02-08-T-S-350-090 ZW-02-09-L-S-260-240 ZW-02-10-G-D-435-225 ZW-03-09-F-S-300-160 ZW-03-09-T-S-457-097 ZW-03-10-G-D-460-100 ZW-03-16-G-S-255-100 ZW-03-19-S-D-920-170-LL ZW-04-09-F-D-500-115 ZW-04-09-G-S-290-120 ZW-04-10-S-S-472-234 ZW-04-10-T-D-458-112 ZW-03-07-F-S-200-126 ZW-03-07-T-D-200-125 ZW-03-08-T-S-350-090 ZW-03-11-F-D-512-162 ZW-03-12-G-D-453-335 ZW-03-13-S-S-840-230-002 ZW-03-15-T-S-260-236-002 ZW-04-09-T-D-247-213-LL ZW-04-11-G-D-644-133 ZW-04-12-G-D-334-333 ZW-04-12-T-S-600-090 ZW-05-11-S-D-570-130 ZW-05-12-G-D-640-250 ZW-05-13-S-D-353-239 ZW-05-14-G-D-1150-080 ZW-05-20-L-D-787-078 ZW-06-08-G-S-275-125 ZW-06-11-T-S-580-130 ZW-06-14-S-D-1130-070 ZW-04-15-L-D-215-120 ZW-05-07-G-D-240-100 ZW-05-08-S-D-260-090