

(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"

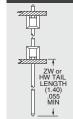


**OTHER** 

**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

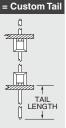
"XXX" = Polarized

& -Q row not

available

Specify omitted pin position

## 01 thru 50



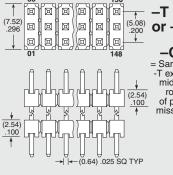
HW

= 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:

DW-13-20-G-D-765 DW-33-12-G-D-650 DW-15-11-L-D-630 DW-14-08-T-S-320 DW-02-20-T-D-770 DW-04-15-T-D-200 DW-05-13-G-D-800 DW-08-07-T-S-200 DW-10-14-L-D-1130 DW-01-08-G-S-200 DW-01-07-T-D-250 DW-02-17-T-D-200 DW-02-08-T-S-313 DW-02-14-T-D-1044 DW-02-15-T-S-381 DW-02-16-T-S-236 DW-01-10-S-D-600 DW-02-09-T-D-394 DW-03-10-T-S-550 DW-03-11-T-S-625 DW-03-08-T-S-250 DW-03-17-G-S-250 DW-03-14-T-S-1070 DW-02-14-T-S-1000 DW-03-08-S-S-250 DW-03-15-T-S-250 DW-01-16-G-S-200 DW-03-07-G-D-200 DW-03-08-T-S-310 DW-04-08-G-S-315 DW-04-11-T-D-500 DW-04-12-T-S-650 DW-04-15-T-S-420 DW-04-13-S-S-980 DW-03-20-T-D-850 DW-04-15-T-D-390 DW-05-09-G-D-380 DW-05-10-G-D-590 DW-04-08-L-S-300 DW-05-13-T-D-885 DW-06-08-T-S-350 DW-05-10-G-D-500 DW-04-07-S-S-215 DW-04-09-G-S-200 DW-07-07-T-S-200 DW-05-12-T-D-630 DW-05-14-T-D-1161 DW-06-09-T-S-510 DW-06-08-G-D-220 DW-07-14-T-S-1210 DW-05-08-G-S-250 DW-08-09-S-S-500 DW-05-20-T-S-800 DW-07-09-T-D-437 DW-06-09-T-S-450 DW-07-11-L-D-600 DW-08-12-G-D-708 DW-09-13-T-S-890 DW-08-19-L-S-800 DW-07-07-T-D-200 DW-08-20-L-T-750-LL DW-09-13-G-D-690 DW-07-09-G-D-375 DW-07-15-T-D-391 DW-10-10-T-D-375 DW-09-19-T-S-1000 DW-09-09-T-S-510 DW-10-08-T-S-320 DW-10-15-L-S-275 DW-11-09-T-D-475 DW-07-12-T-D-590 DW-09-13-S-D-940 DW-08-15-G-D-250 DW-13-08-T-S-280 DW-06-13-L-D-910 DW-07-08-G-S-215 DW-07-10-T-S-600 DW-09-12-T-S-800 DW-12-12-L-D-690 DW-09-08-T-S-310 DW-10-12-G-D-650 DW-12-08-S-D-200 DW-10-12-G-S-510 DW-11-08-T-Q-250 DW-12-20-S-D-665 DW-13-10-S-D-400 DW-13-10-L-D-430 DW-11-11-G-D-500 DW-12-10-L-D-450 DW-19-09-S-D-390 DW-10-12-T-D-630 DW-14-15-G-S-375 DW-20-09-G-S-450 DW-10-09-T-S-510-LL DW-13-08-S-D-235 DW-15-09-L-D-315 DW-20-08-T-S-267 DW-20-15-L-D-200 DW-15-08-T-D-210 DW-22-09-G-T-350